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Fourteenth Year, No. 1.

BUILDING AND INDUSTRIAL NEWS

A Weekly Publication Devoted to the Architectural, Building and
Industrial Activities of the Pacific Coast

SUCCESSORS TO

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"INDUSTRIAL NEWS OF ALAMEDA CO."

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"WESTERN BUILDER"

—== THIS WEEK'S ILLUSTRATIONS: ==—

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WEDNESDAY, JANUARY 7, 1914.

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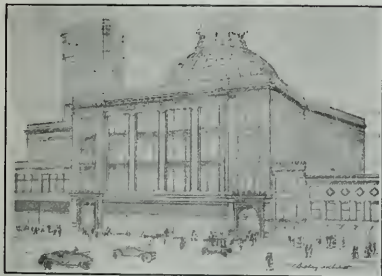
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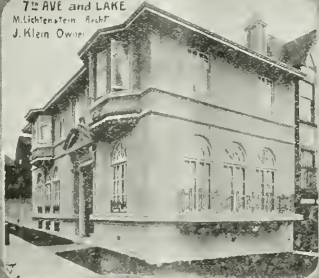
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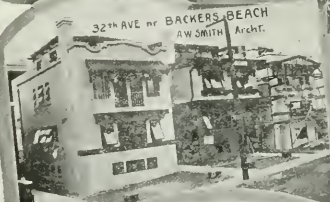
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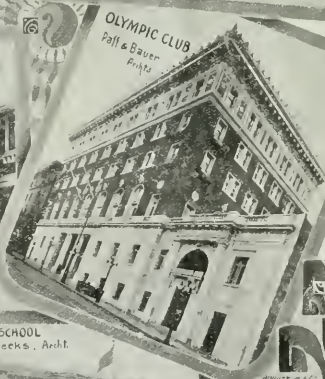
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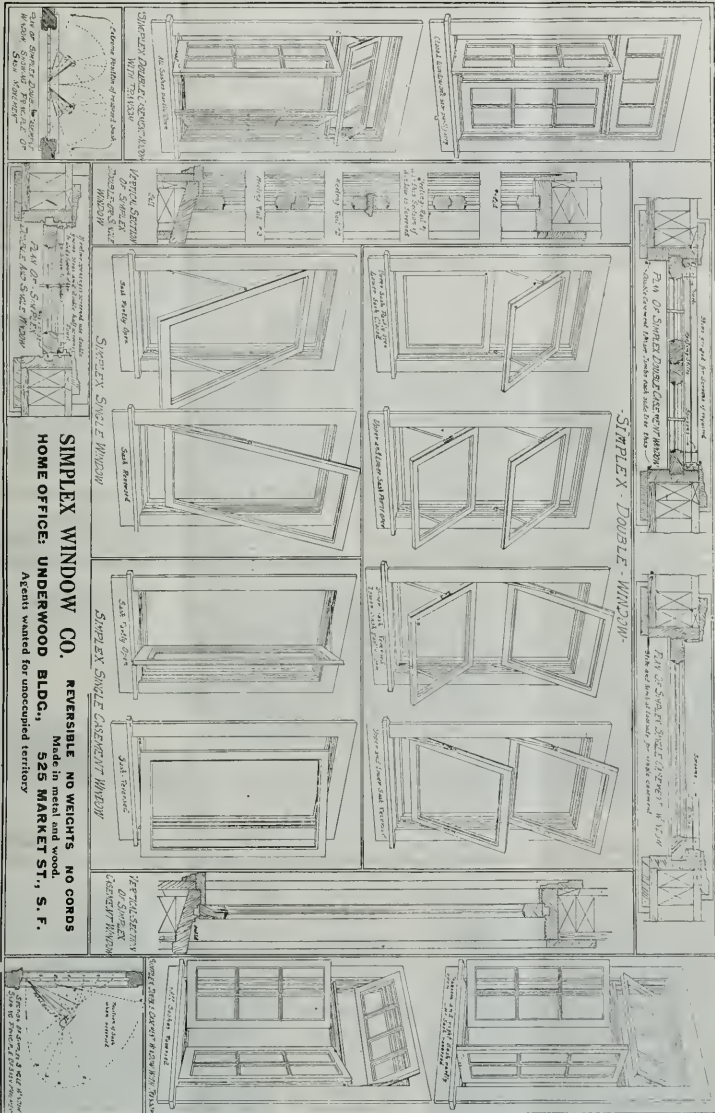
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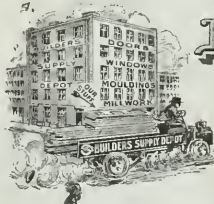
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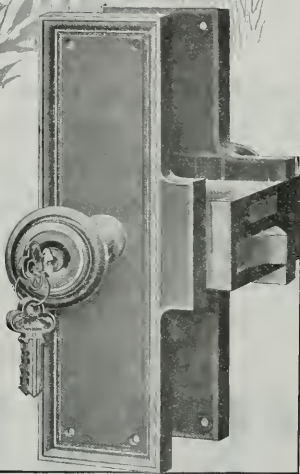
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Devoted to the Architectural, Building, Engineering and Industrial Activities of the Pacific Coast.

Issued Weekly, \$3.00 per year

San Francisco, JANUARY 7, 1914

Fourteenth Year No. 1

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Devoted to the Architectural, Engineering, Building and Industrial Activities of the Pacific Coast.

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Editorial Comment.

As told in yesterday's paper the figures for building construction for the year 1913 amounted to \$32,845,561. This is more than 2½ million per month on the average. These figures compare favorably with 1912 for the total for that year amounted to \$26,179,116. It must be born in mind, however, that the 1913 figures embrace all construction within the city limits, including government work and state construction, while those of 1912 did not. Panama-Pacific construction also for the year amounted to \$6,018,373 so that everything considered private construction alone amounted to less than in 1912. However, the total amount represented by building construction compares favorably with former years and if conditions have not been so prosperous it has been as much the result of an overcrowded condition of the building business as of anything else.

Figures for December amounted to \$2,534,068. This divided as follows: Private construction \$1,050,636 P. P. E. contracts..... 1,244,684 City and County..... 108,952 U. S. Government work..... 129,796 Compared with other years the totals for December during the last ten years is as follows.

December, 1904	.....\$1,282,419
December, 1905	..... 914,231
December, 1906	..... 414,934
December, 1907	..... 2,116,940
December, 1908	..... 3,223,201
December, 1909	..... 2,359,575
December, 1910	..... 1,169,131
December, 1911	..... 1,218,622
December, 1912	..... 2,106,235
December, 1913	..... 2,534,068

While comparative figures show a good deal of variation during the past ten years the general average outside of the rebuilding period ranges under two million dollars. While the figures for 1913 include all work even the amount for private construction comes up with an average year.

The general impression is that 1914 will be a better time. The tariff and currency measures are out of the way. Definite legislation has been passed and as soon as the country can adjust itself to the new order of things better conditions will prevail. It may be three months or it may be six, but San Francisco is sure to be made the financial center for the west under the new currency measure. So that there will be a more independent source of financing enterprises in the future and we will not have to go to Wall street to get money in the future.

Altogether the year has not been a bad one. From month to month the figures are as follows:

January	.....\$2,655,990
February	..... 2,736,813
March	..... 3,576,376
April	..... 3,327,584
May	..... 2,816,935
June	..... 2,830,306
July	..... 3,826,998
August	..... 2,844,945
September	..... 2,450,589
October	..... 2,152,909
November	..... 1,092,048
December	..... 2,534,068

Not so bad a showing considering the business and financial conditions and that the year ended in the number that has been considered unlucky since the memorable Thirteen sat down at the Last Supper.

"Now the New Year reviving old Desires,
The thoughtful soul to Solitude retires.
* * * * *

Come, fill the Cup, and in the Fire of Spring

The Winter Garment of Repentance fling:

The Bird of Time has but a little way To fly—and Lo! the Bird is on the Wing."

So sang old Omar in his Epicurean philosophy. While the New Year may revive in us the old desires for better times and prosperous conditions the fact remains that contemplation of past disasters or other days do not get us anything only insofar as they furnish precepts and examples and inspiration for things to come.

So with the New Year the "Builder" wishes its readers a prosperous time. May you not lose your nerve! May past misfortunes not disarm you; May past successes not make you overconfident or uncharitable; And may the New Year bring renewed hope and more fair and equitable conditions.

The city of Houston, Tex., is sending out this advertisement:

"A perpetual bonus to manufacturers and merchants is offered by the city of Houston, Tex., by its system of exemption from taxation. Personal property, such as cash, household furniture and evidences of debt are totally exempt from taxation. The Houston plan of taxation contemplates that merchandise, machinery of manufacturers and all other improvements upon land shall be assessed at only 25 per cent of the value. Land is being assessed at a fair value. Take your money and brains to Houston and get the full benefit of all you create by your industry and enterprise."

Vancouver tried this same plan and liked it so well that it finally exempted all improvements from taxation of any sort on the ground that to the best of its ability the community should re-

move any obstacle to the construction of improvements. This is in line with the idea of the single taxers and is the plan proposed by the League for Home Rule in Taxation. It is effective advertising for a city.

The Chronicle is working overtime criticising the Harbor Commission for building wooden piers and docks instead of concrete ones. To read the editorials that are daily being handed out to the public one would think that the present Harbor Board had never constructed a concrete or permanent pier.

Among the first acts of the present board was to rebuild some of the piers that were presumed to be concrete that had been constructed by the former board. Since that time there have been constructed more concrete docks and there are more in process of construction than were ever constructed by any of the predecessors of the present board. And the wooden wharves are being constructed as emergency cases to take care of the crowded shipping that is increasing faster than dockage facilities increase.

The places where wooden wharves are being constructed are places where it is almost impossible to construct permanent ones, except at a great expenditure of money and a long delay. The ones now under construction will pay for themselves before the others could be constructed. While the Chronicle is criticising the Harbor Board for constructing wooden wharves it would have a double criticism were the board to delay the construction until such time as permanent piers could be constructed in the places where the wooden docks are being built. Some places on the water front present great difficulties of construction on account of muddy bottom and the sweep of the tides. The present piers being constructed of creosoted piles were started only after a consultation of the engineer for the Harbor Board and the Board of Engineers of the Chamber of Commerce. They are supplemental to the dockage facilities already provided for shipping. And for this action the Chronicle finds an opportunity to distort a set of facts and criticise really effective work by suppressing the truth of the situation.

Mr. August Belmont received 4½ millions for "financing" the New York subway. In the matter of a public improvement of that sort why should the public pay anybody for his financial influence? And why should the city not build it itself? Somebody has to pay the promoters' fees and has to pay the holders of watered stock their dividends. It goes in increased rents and inflated on only one person and that is the patron of the road. The people pay the tax in the end always. Only in the case of the private corporation they don't see it and they don't see the enormous over charge they pay for.

It is said that John M. Eshelman has been tendered the appointment as commissioner on the Interstate Commerce Commission made vacant by the death of John H. Marble. This is a compliment to Eshelman and a credit to President Wilson. For no doubt the President could find many men in his

own party that would fill the office well but the work of the California Railroad Commission has stood out so conspicuously that the President could not but take notice of its effective results. In this the President and Secretary Lane have shown themselves to be in line with Progressive principles. They are seeking to get results by placing efficient men in office in the places where they are needed—men who can be depended upon to take the initiative in constructive measures rather than being placed in a position to explain as was the case of Ballinger and others under President Taft.

The Forest Service has a fire lookout in the Sitgreaves National Forest in Arizona. The tower is built entirely of logs and projects 115 feet in the air. It was built by the rangers from the logs at hand and without the aid of any of the modern hoisting devices. The only means they had for hoisting were the cow ropes they had at their saddle horns and such block and tackle as was available. Under these conditions they have constructed a tower that represents a great deal of labor and ingenuity.

Aviator Beachy is to fly in the Machinery Bldg. the great building of the Exposition Grounds. While this is an enormous building it limits the aviators for maneuvering on every side. Beachy is a wizard with his machine. But the law of gravity is always working and it is only a question of time till he tempts fate once too often.

Whatever conflict there may have been in the predictions of the weather man the fact remains that we have received plenty of rain. Unprecedented precipitations have occurred in various parts of the State. A report states that at Calistoga nine inches of rain fell during a period of twenty-four hours. And in other places throughout the State there has been a generous, if not destructive, downpour during the past week.

Such a plenitude of rain does not immediately hasten building operations. But it means good for the country in the end and that means good for all. It emphasizes the need of conservation, in retaining the timber lands of the mountains and in impounding the flood waters not only that they do not do damage by being liberated too quickly, but that they be stored for future use.

A CHRISTMAS FABLE OF TWO BROTHERS.

Once upon a time there were two brothers. The first was a dyspeptic person who at Christmas time presented his little nephews and nieces with helpful books and requested them to be very, v-e-r-y careful of the precious volumes. Wherefore they hated Uncle Addison with a great hatred. The other brother was an old bachelor who bestowed upon his small kinsmen stuff and objects with which they could make hoarse noises and told 'em to wade in. You angry little whelps, and pig till you burst, and beat and batter till you split your eardrums, and break and shatter till you reduce the junk to powder, and otherwise enjoy yourselves. And all his little relatives rose up and in one voice called Uncle Bill blessed. As the feller said when he

received a snake in a bottle of alcohol, "It is not so much the gift as the spirit in which it is tendered."

THE GREAT RAILWAY TUNNELS OF THE WORLD.

The world's greatest tunnels are to be found in Europe, and a brief summary of these in the Engineer shows that the greatest is the Simplon which is 12½ miles in length. Two, the St. Gothard and Lotschberg, are over 9½ miles in length. The Mont Cenis is a little over 7 miles in length. The Arlberg, in Austria, is 6½ miles long. There are four tunnels between five and six miles in length, five between four and five miles in length, seven between three and four miles, and sixteen tunnels that are over two miles long. The longest tunnel in this country, the Hoosac, is four and one-third miles long.—Scientific American.

GIANT COFFER-DAM FOR THE EQUITABLE BUILDING.

A vast reinforced concrete monolithic foundation is being built entirely around the area upon which will be erected the new Equitable Building in New York city, a structure which will contain one million square feet of rentable floor space, and will tower aloft to a height of thirty-six stories. The coffer-dam will be a solid concrete wall, six feet broad and eighty feet deep, extending eighty feet to solid rock. This will be the largest once building yet constructed. It will weigh over 200,000 tons as against the weight of 102,000 tons of the Woolworth Building, 188,500 tons of the Municipal Building, and \$2,580 tons of the Singer Building. The steel frame work alone will weigh 45,000 tons, as against 25,000 tons required for the Woolworth Building.—Scientific American.

WASHINGTON'S OLD SURVEY FOUND CORRECT.

In protecting the headwaters of navigable streams under the forest-reserve law, the government is surveying lines in the Appalachian Mountains where George Washington ran his famous boundaries for Lord Fairfax in pre-Revolutionary days. In 1751, Washington, then 19 years of age, surveyed the line which was to divide Augusta and Frederick Counties, Virginia. According to the organic act for the formation of these counties, it was required that the line should run straight from the head spring of the Hedgman River, one of the sources of the Rappahannock, to the head spring of the Potomac. It was first necessary to get the approximate course by building bonfires on the intervening high points. Then, starting from the top of the Massanutten Mountains, the line was run straightaway to the northwest. In what is known today as West Virginia a large rock marks the southwest corner of Garrett County, Md., and the southeast corner of Preston County, W. Va. This is known as the Fairfax Stone, and is one of the land marks mentioned in Washington's notes. Washington, of course, used a simple compass, yet the new government survey, made with high-power transits and all the refined and accurate methods of modern surveying, has found but little variation, so carefully was the line run originally

Some Troubles Of The Estimator.

C. M. Watkins In the Wood-Worker,

So much might be said on this subject that it is a difficult matter to select the proper starting point. Almost any planning mill man can look back and recall many occasions when it seemed to him that there could not possibly be another business which offered so many and various opportunities for trouble, or which furnished so few reasons for continuing. Personally, I think that fully three-fourths of all the men I know have at some time or other told me that their own business was absolutely the worst ever invented, so it does not seem altogether strange that we should so regard our own business.

I think that perhaps one of the most fruitful sources of trouble for the planning mill estimator lies in the almost complete lack of knowledge of mill work and what the term implies, on the part of the building public. Architects seldom take the trouble to inform themselves of the customs and methods in use in the particular locality in which a proposed building is to be erected. Indeed, more often than not, mill work, glass and glazing, stair work and carpenter work, are all jumbled together and specified under one heading, leaving each subcontractor to pick out his own branch of the work, and make his estimate thereon as best he may.

Then the owners, particularly in residence work, are absolutely ignorant of materials and processes required in woodworking, and are unable to give the architect any clear idea of their wishes in regard to the interior finish of the building. The architect, to save trouble and expense for himself, simply puts the whole matter up to the mill, leaving the estimator to guess, from imperfect description, what is required. Seldom indeed are details furnished with plans, and the only guide of the estimator is his knowledge, gained from past experience, of how each individual architect is apt to detail his work. And then the details are quite apt to be something entirely different from what was anticipated.

I have now in mind a certain architect who always specified box frames for brick walls about as follows: "Box frames shall have no jamb linings, but a wide stop, which shall be rabbeted to fit over jamb, and shall be wide enough to extend from sash to finished plaster, and the interior trim shall be nailed direct to this stop." Of course, any practical mill man will see at once that if these specifications were followed strictly it would be impossible to replace a broken sash cord without first removing the finish and jamb lining, and quite likely tearing off a great deal of plaster in the process. Yet the estimator is expected to figure on work of this character, and to know whether or not this architect will listen to reason and allow the work to be done as it should.

Another frequent cause of trouble is a clause in the specifications which

reads something like this: "Anything shown on the plans and not specified, or specified and not shown, shall be furnished in the same manner as if both shown and specified. Should anything be required to make a complete and finished job, which is neither shown nor specified, the same shall be included." Almost invariably, where this clause occurs, the plans are poorly drawn, or some elevation or plan which is necessary is not furnished, so that the estimator has nothing to do but guess. If he guesses too much he loses a job, and if he does not guess enough he is apt to lose money for his firm. This is more apt to be the case, where a blanket proposal to furnish mill work according to plans and specifications is made, than where proposals are made by list only, with the distinct understanding that nothing which is not shown on the list is to be furnished. But in either case it means trouble for the estimator.

Then there is something else, which is perhaps less a trouble than a fault. This is the almost universal lack among estimators of the quality known as "salesmanship." The expert knowledge required of an estimator renders it absolutely necessary that he should be, first of all, a good mechanic, and a good mechanic is seldom a good salesman. There have been some notable exceptions to this rule, and they but serve to prove my statement. If we should all be perfectly honest with ourselves I think we would admit that our prime thought, when figuring a job, is that we must, by fair means or foul, beat the other fellow. We must make our bid the lowest or we will not get the order. And so obsessed by this idea do we become that we are quite apt to overlook the question of profit.

It can be safely stated as a truism that if we make our prices low enough we can secure all the business we can handle, but true salesmanship consists in not only getting business, but getting a profit. I have known estimators sending out letters with their bids, telling the customer that if the bid was not low he could deduct 10 per cent, hoping thereby to get the business and make a great showing at the end of the year. This point is so important that I want to emphasize it, and I honestly believe it is the largest single factor which has to do with the great variations in mill bills. I have known—not one, but many—instances where the high bid was more than twice the low one, and I believe this to be due, in great measure, to the cause mentioned above.

Another trouble, which lies with the estimators themselves, is the one which was mentioned in The Wood-Worker some months ago, namely, that we are apt to overlook some thing in taking off our items. There is a variety of reasons which help to account for this, chief among which, perhaps, is the great number of things the average estimator is compelled to carry in his

mind. With perhaps six or seven contractors saying they must have bids at once, or within twenty-four hours, and an equal number of contracts hanging fire, with all of which he must keep in close touch to avoid being "sold out," he hurries through the specifications, hurries over the plans, and does not take time to go back and check, trusting to luck and his past experience to prevent his making mistakes, because he has to get items from all the other plans and get back to his office and figure all of them. Then, again, he may forget to figure a floor, or the openings on one elevation (as I did once), because he wants to get home to supper. Needless to say, I got that job, and wished I had not.

I once heard a mill owner make the assertion that all such errors were due solely to carelessness, but I believe him to have been decidedly in the wrong. I have been "called down" on several occasions for failure to estimate on certain plans, and upon putting up the plea that some had to be passed up on account of lack of time to take care of all of them, have been told that I should not allow myself ever to lack time to do anything. With the bosses driving and the customer kicking because his bid comes in late (in the same breath with his kick he will tell you that it was too high, anyway), is it any wonder that we make mistakes? The real wonder to my mind, is that we do not make more.

SHORT COURSES IN ENGINEERING AT IOWA STATE COLLEGE.

The Iowa State College this winter will launch a new field of activity unique in the field of instruction by state institutions. This year for the first time in its history short courses along engineering lines will be given. There exists in the state a large body of citizens engaged in the state's industries who are unable to conform to or to derive the direct benefit which they need from the formal educational plan. These short courses make manifest on the part of the state institution an effort to reach these citizens in an effective way with practical, condensed up-to-date instruction in engineering and industrial subjects. The short course in engineering is designed to do for Iowa's industries what the short course in agriculture has long done for agriculture. The session is December 29, 1913, to January 10, 1914. By running short courses in winter the state's educational plant is utilized to maximum efficiency. The short course falls at the annual holiday recess and the instructional force is free to give its undivided attention to the short courses. In addition to this at no other time could rooming accommodations be had for the large number of short course students.

There are two general classes of instruction which this work is designed to provide: (1) to present the prob-

lems of engineering and industrial lines which the rapid advance of the industrial era keeps pushing into the foreground for solution, and (2) to provide a definite, systematic plan for the imparting of technical information of a fundamental nature to men who have no such means now available other than what they can "pick up" from trade and engineering journals and association conventions. In developing both fields the instruction is condensed for the busy man. The courses given are intense and specialized, their sole purpose being to crowd the maximum amount of concrete and definite plan of conducting the work is by lectures and demonstrations, allowing opportunity for discussion and recitation.

The winter courses announced for this year are offered in response to an insistent demand expressed for instruction for clayworkers, cement users and road builders. In clay work, in addition to elementary instruction, there will be taken up problems with which the clayworking industry is confronted, such as lamination, scumming and black coring. The work in cement will take up in detail the questions of materials, aggregates and testing, while considerable emphasis will be placed on the making of concrete. The road builders' course is given for the benefit of the practical roadmaker and is of value to those actively in charge of road gangs and others interested in the subject of good roads. It will take up the matter of drainage, foundation and road construction, material for road construction and organization of road-building forces.

In addition to the courses in clayworking, cement use and roadmaking, there are offered other attractive courses dealing with subjects of related engineering interests in which in these days of the application of power to every branch of activity nearly every layman has some direct vocational interest or else is interested in them as a "hobby." They include courses in gas engines, with opportunity for practical operation of the gas engine and automobiles, steam engines and tractors, power plants, drainage and the applications of electricity.

While the short course is an established institution at Iowa State College, the form of the engineering short course in the future will be largely determined by the demand of Iowa's industries and the response met with in the courses offered. The college is working in co-operation with all forces for the upbuilding of Iowa in adding to the growth of industry by the supplying, through its Department of Engineering Extension and by the winter short courses, practical instruction for the industries of the State. The short course constitutes one more component part in the plan for the provision of practical instruction in the trades and industries of the state and supplements the industrial classes and the correspondence study courses already offered. By stimulating the growth and development of such educational forces as these there will be opened to every boy or man in the state an opportunity to get the education he needs in his business or his trade and make him a more valuable man to himself and to his community.

Clayworking.

Ten Periods—Daily, 9 to 10 A. M.

The following outline of the work in clayworking is a very full schedule, involving as it does the fundamental principles of a die design manufacture, drying and burning of clay wares. It may easily be possible for the schedule to be shifted to give more time to one or two of the subjects to the exclusion of consideration of the others. Should the demand arise the decision will rest with the majority of the class.

Scumming.

Various kinds of causes. Effect of various drying and burning methods. Methods of elimination. Chemical precipitants.

Black Coring.

Definition of this phenomena observed in many Iowa clays. Its causes and methods of elimination.

Lamination.

Two kinds, "auger" and "die." The cause and effect on the burned product. Methods of elimination.

Scumming—Discussion.

Review of the subject in the light of the laboratory data obtained.

Black Coring—Discussion.

Review of this subject in the light of the laboratory data obtained.

Lamination—Discussion.

Review of this subject in the light of the laboratory data obtained.

Discussion Meeting.

Available for discussion of any phase of the above subjects at the option of the class.

Clayworking Laboratory.

Ten Two-Hour Periods—Daily, 10 to 12

Opportunity for extra laboratory or research work in addition to the exercises in the schedule will be cheerfully granted within the limits of the equipment on hand to all who desire it upon consultation with the instructor in charge.

Investigation of Scumming.

Determination of soluble salts in clay. Determination of proper precipitants to use. Making of brickettes to determine the most advantageous drying and burning conditions.

Laboratory Exercises on Black Coring.

Burning of brickettes of clay, showing this phenomena under various burning conditions, to arrive at the proper treatment for elimination of this difficulty.

Lamination.

The effect of different die construction on the flow of various clays through dies—using a plunger machine—and the effect on various clays of changing the distance between the auger and die, using an auger machine.—From the Clay-Worker.

THE PYRAMID OF CHEOPS.

A number of people, who have command of a volume of leisure hours, have repeatedly aired sagacious views regarding the possibilities of reconstructing the old pyramid of Cheops located in the desert of Egypt, with the application of concrete. This pyramid, erected on a square base, each side of which measures 748 feet, the total height is 454 feet; the pyramid covers an area close to thirteen acres. When this structure was erected it necessitated the employ of not less than 10,000 artisans for a term of thirty years.

This means a total of 900,000,000 working days.

The following approximate estimate of cost and material was made, which of course cannot be accepted as absolutely correct, for the necessary figures, such as transportation rates, exact labor cost at present and in the future, etc., are not available. The figures used in the estimate were taken from engineers and contractors notes who have been actively engaged in construction work in Egypt.

In the reconstruction of the pyramid are necessary 3,350,000 cubic yards of limestone, 150,000,000 cubic yards of sand, 2,500 cubic yards of granite and 2,500 cubic yards of polished granite. The cost of this material alone would be about \$50,000,000; then the labor must be added, for which it would take 40,000 men for 24,000,000 working days, meaning an expenditure of about \$30,000,000. For the excavation of about 2,600,000 cubic yards for foundations, transportations, such "small" items as the quarters for the laborers, sanitary facilities, etc., another large sum must be spent, so that the total sum will easily reach \$150,000,000. These are astonishing figures and have a tendency to bring to the reader's mind the question of "How did these Egyptians, centuries ago, build these enormous structures?" We sincerely hope that this structure will soon be reconstructed, using concrete blocks exclusively.—Concrete Era.

THE BEAUTIFICATION OF VIENNA.

The Vienna municipal boundary extends up the forest-covered mountain slopes to a height 1200 feet above the Danube quays. In this district a scenic highway is being formed, which, as it winds round the mountain slopes, with every turn reveals a new view of the great city, lying many hundred feet below. In the less hilly districts a garden road over 300 feet in width is planned, intersecting meadows and playing fields. The estimated cost is \$2,000,000, and the corporation passed the estimates without a single dissenting voice.

Concomitantly a building plan for the whole city has been sanctioned. The building area is divided into four zones. The first is central, where the maximum height permissible is four—or exceptionally five—stories. Certain streets are to be widened. Over 1200 houses which seriously hinder traffic have been scheduled. If owners agree to rebuild within the next ten years to the new frontage lines, they are exempted from municipal taxation for the next eighteen years.

In the second zone, houses may not exceed three stories; the third is reserved for factories and industrial purposes. In the last zone, houses are limited to two stories. Where the area is not yet built upon, they must be surrounded with gardens, not built on terraces. What these proposals mean from the point of view of public health for future generations may easily be imagined. In the boldness of its projects Vienna stands supreme.—London Daily News.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

BRIDGES AND DAMS.

TACOMA, WASH.—Bridge, Steel construction, \$375,000. Engineer, Holman, care of the Oregon-Washington Railroad and Navigation Co., Tacoma. Owners, Oregon-Washington Railroad and Navigation Co. Chief Engineer Holman states that soil borings for the foundations of the new steel bridge which is to span the waterway in Tacoma have been completed and found satisfactory. Construction will be started as soon as bids can be received. Figures will be opened for the work early this month. Plans and specifications can be secured from Chief Engineer Holman, Tacoma.

ROBERTS, IDAHO.—Bridge, steel and concrete construction. Cost not stated. Engineer, County Engineer, Roberts. Owners, Fremont County. All figures received for the construction of a steel and concrete highway bridge in Road District No. 1 have been rejected by the Board of Supervisors. Plans will be revised and new figures will be called for at once.

PORTLAND, ORE.—Bridge, steel and reinforced concrete, \$150,000. Engineers, Wadell & Harrington, Kansas City, Mo. The Interstate Bridge Commission has selected the above named engineers to design the new Pacific Highway bridge which is to be erected across the Columbia River. The exact site of the big structure and the type of design have not been settled upon. As soon as preliminary plans have been prepared the matter will be taken up with the War Department, after which will follow the preparation of working drawings. The engineer states that construction will require about sixteen months. Further mention will be made of the work.

Contracts Awarded.

SEATTLE, WASH.—Bridge reinforced concrete, \$80,000. Engineer, A. R. Cook, Tacoma. Owners, Northern Pacific Railroad. Contractors, Sound Construction and Engineering Co., Lowman Bldg., Seattle. Contract price, \$80,000.

TACOMA, WASH.—Bridges, 2, steel and reinforced concrete, \$100,000 and \$150,000 respectively. Engineer, A. R. Cooke, Tacoma. Owners, Northern Pacific Railroad. Contractors, Widdell Co., Mankato, Minn. Contract price, \$100,000 and \$150,000.

TACOMA, WASH.—Bridges, reinforced concrete. Cost not stated. Engineer Cook, Tacoma. Owners, Northern Pacific Railroad Co. Contractors, Sound Construction and Engineering Co., Lowman Bldg., Seattle. Contract price not stated.

CHURCHES.

SEATTLE, WASH.—Church, 1 story and base, frame, \$10,000. Architects, Wilcox & Sayward, Central Bldg., Seattle. Owners, Keystone Congregational Church of Seattle. Plans have been completed for a one-story church building, which is to be erected at the corner of 51st avenue and Keystone Place. The interior of the building will be finished in pine. The main auditorium will seat 300 people. Plans also provide for a pastor's study, Sunday school rooms and social room. Exterior will be covered with cement plaster on metal lath. Figures will be called for at once.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 5 or 6 story and base. Class C construction, \$75,000 to \$100,000. Architect, Frederick H. Meyer, Bankers Investment Bldg., S. F. Owners, Trowbridge and Livingston. This building will be erected at the corner of Post and Williams Place. The lot to be improved has a frontage of 75 feet by a depth of over 100 feet. The first floor will be arranged for a large lobby, office, amusement rooms and living apartments. Upper floors are to be divided into a large number of two and three room suites. Interior finish will be of pine, redwood, white enamel and hardwood. Oak floors will be used in the dining rooms and halls. Plans provide for steam heat, elevator service, a vacuum cleaning system and wall beds. All bath rooms will have composition floors and tile wainscot. Marble and tile will be used in the entrance. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$20,000. Architect, John J. Foley, 46 Kearny St., S. F. Owner's name withheld. The building will be erected on 4th avenue near street and has been designed to contain twelve suites of three and four rooms and bath. Interior finish will be of pine with elm panels and oak floors. There will be a complete oil burning system and steam heat. Vacuum cleaning and a hot water system will also be installed. Bath rooms will have composition floors and tile wainscot. Entrance will be finished in marble and tile. All apartments will be equipped with wall beds. Exterior of the building will be covered with cement plaster on metal lath. A brick veneer base will be used. Plans are complete and the work will be carried on by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, brick and steel, \$50,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner's name withheld. The building will be erected on the north side of Bush street between Jones and Taylor and will have a frontage of 55 feet by a depth of 137½ feet. Plans show a total of 32 suites of two and three rooms besides a spacious lobby, office and amusement room. Interiors will be finished in pine, elm and white enamel. Lobby and office will be finished in white enamel and gold after the Austrian style. All suites will have wall beds and private baths. Bath rooms will be finished in tile with composition floors. Plans provide for steam heat, a hot water system and vacuum cleaning. Exterior of the building will be faced with red pressed brick trimmed with cast stone. Plans are being prepared.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$29,000. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. The building will be erected on the east side of Lake street, and

has been designed to contain a number of two, three and four room suites. Interiors will be finished in pine and elm panels with hardwood floors. There will be steam heat, vacuum cleaning system and hot water system. All apartments will have wall beds and private baths. Bath rooms will be wainscoted with tile and will have composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared and figures will be called for shortly.

OAKLAND, CAL.—Apartment house, 3 story and base, brick and steel, \$60,000. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Dr. Ayres. This building will be erected at the corner of 14th and Oak streets, covering a considerable ground area. Interior has been arranged for suites of two, three and four rooms. All apartments will have private bath rooms and wall beds. Plans provide for steam heat, vacuum cleaning system and hot water supply. Interior finish will be of pine, elm panels and hardwood. Oak floors will be used in the halls and dining and living rooms. Bath rooms will have composition floors and tile wainscot. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are in the hands of the owner and he is now taking subfigures for the various parts of the work.

SALT LAKE CITY, UTAH—Apartment house, 4 story and base. Class A construction, \$180,000. Architects, Palister & Hills, Salt Lake City. Owner's name withheld. The building will be erected at the corner of East South and Temple streets, and will be fireproof throughout. The building will contain in the neighborhood of 120 suites of two, three and four rooms. There will be a complete steel frame, reinforced concrete and brick exterior walls, faced with pressed brick and terra cotta. Interior will be handsomely finished in pine and hardwoods. Oak floors will be used in the principal rooms. Plans provide for steam heat, elevator service, a hot water system and vacuum cleaning. Preliminary plans have been approved and working drawings are now being completed.

OAKLAND, CAL.—Apartment house, 4 story and base, brick and steel, \$75,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Dr. F. A. Baird. The building will be erected at the corner of Oak and 14th streets, covering a large ground area. Interior has been arranged for a number of two, three and four room suites. Interior finish will be of pine and hardwood with oak floors in the living rooms. Plans provide for steam heat, elevator service, a hot water supply and vacuum cleaning. Bath rooms will have composition floors and tile wainscot. Marble and tile will be used in the entrance lobby and vestibule. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

FACTORIES & WAREHOUSES.

NEWARK, ALAMEDA CO., CAL.—Warehouse, 1 story and base, brick. Cost not stated. Architect, A. L. Griffin. Niles. Owners, James Graham Mfg. Co., 331 Mission street, S. F. Plans for a large one-story warehouse, which is to be erected at the company's plant at Newark, have been completed and are now out for figures. The building will have metal window sash and frames and fireproof doors. No interior finish is specified. A cement floor will be used. Exterior of the structure will be faced with stock brick. Plans are complete and may be secured from either the architect at Niles or from the company's offices at 331 Mission street.

SAN FRANCISCO—Cold storage plant, 6 story and base, brick and steel. Cost not stated. Engineer, Charles Wallace, S. F. Owners, National Ice and Cold Storage Co., Postal Telegraph Bldg., S. F. This is the second large addition to the company's plant at Battery and Union streets. A new four-story building is now under construction and this will connect with the larger structure. When complete the building will furnish over one million cubic feet of refrigeration. Construction will be practically fireproof. Interior will be finished in pine. Plans provide for a large amount of special machinery, elevators, plumbing and electric work. Exterior will be faced with pressed brick. Plans are complete and segregated figures will be called for at once.

SILVERTON, ORE.—Factory, 1 story and base, reinforced concrete. Cost not stated. Architect's name not given. Owner, L. C. Eastman. Plans have been completed for a one-story and basement reinforced concrete structure which is to be erected as an addition to the Silvertown Blow Pipe Co. The building will be 50x100 feet and practically fireproof throughout. Interior finish will be of pine. A cement floor, metal window sash and frames are specified. Exterior of the building will be faced with cement plaster. Plans are in the hands of the owner, who is now receiving bids for construction. Figures will be opened on January 15th.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame. Cost not stated. Architects, Henry Geiffuss & Son, 46 Kearny street, S. F. Owner's name withheld. This work has been mentioned here before. The building, which has been designed for a store on the first floor and flats above, will be erected at the corner of Bryant and 16th streets. Interior finish will be of pine and redwood. There will be an open fire place in each of the living rooms. Bath rooms will have tile wainscot and composition floors. Store will be equipped with patent fronts. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 3 story and base, frame, \$7,000. Architect, Charles Fantoni, 916 Kearny street, S. F. Owner, Angelina Cesana. The building will be erected on the west side of Mason street north of Pacific

and will have a street frontage of 22½ feet by 75 feet. There will be three modern flats of five and six rooms. Interiors will be finished in pine and elm panels. Some hardwood floors will be used. Each of the living rooms will have an open fire place with a tile mantel. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with rustic and shiplap. A pressed brick base will also be used. Plans are complete and figures are being taken.

Contracts Awarded.

SACRAMENTO, CAL.—Flats, 2 story and base, frame, \$4,750. Architect, none. Owners, R. Lauppe and A. Van Marino. Contractor, W. R. Saunders, 2810 I street, Sacramento. Contract price, \$4,750.

GARAGES.

SAN FRANCISCO—Garage, 2 story and base, reinforced concrete. Cost not stated. Architect, G. A. Applegarth, Cal Bldg., S. F. Owner, A. B. Spreckels. This building will be designed for a private garage and will be erected in the rear of the owner's handsome dwelling at the corner of Octavia and Washington streets. Included in the work will be the construction of large reinforced concrete retaining walls. Interior finish will be of a high class and similar to that of the owner's residence. Plans provide for steam heat and a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for at once.

PORTLAND, ORE.—Garage addition, 1 story and base, reinforced concrete. Cost not stated. Architects, MacNaughton and Raymond, Title and Trust Bldg., Portland. Owners, Burpee and O'Reilly. The present building located at the corner of East Water and Madison streets will be enlarged by the construction of an 80x80 foot annex. Interior finish will be of pine. Plans provide for a cement floor, metal window sash and frames and special gasoline storage tanks. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken.

GOVERNMENT WORK AND SUPPLIES.

Shelter of Troops in the Philippines.

It is proposed by the War Department to spend \$885,000 for shelter for troops in the Philippine Islands. Permanent concrete barracks and quarters for a regiment of cavalry of the colonial army will cost about \$600,000, for a field artillery regiment \$300,000, for an infantry regiment \$300,000, for a regimental cavalry stable \$200,000, and a regimental field artillery stable \$300,000. Consequently, barracks, quarters, and stables for the colonial army, consisting of four regiments of infantry, two of cavalry, one of field artillery, and the auxiliary troops, will cost about \$5,900,000, exclusive of administration, sewerage, power plants, etc. It is estimated that the cost of storehouses and other buildings for the military establishment on the Luneta fill in Manila to replace present offices and storehouses, sewers, etc., will be \$2,000,000, making a total that will be

required to permanently house and provide for the colonial army in the Philippines of from \$8,000,000 to \$10,000,000. Work to the extent of \$1,000,000 only can be handled in the course of a year, owing to the labor and other conditions in the Philippines. The conditions surrounding the building operations in the islands are very trying. The supply of skilled labor and of suitable foremen is far short of the demand, consequently, it is usually necessary to pay a high price for inferior men. If every other condition were favorable, this alone would constitute a serious handicap. New men cannot be imported, as continuous employment cannot be guaranteed, and new men are of little value, because if they even understand their business they cannot communicate their ideas to the native labor, skilled or otherwise. The price of day labor is cheap, but the quality is poor and not up to the demand. Due to the undeveloped state of the country and the great distance from manufacturers, materials are not cheap. Steel and cement must be brought from afar. Stone, even for cement work, is inaccessible and above the average cost in the United States. Sand is about normal. Hardware, plumbing, etc., must add the cost of transportation to the original prices, and even the native woods, which are the only ones suitable to use, cost from \$10 to \$150 per thousand in the market. None of the items can be obtained within a reasonably short time, so that it requires constant watchfulness and foresightfulness to avoid running out of materials, entailing annoyance and money loss, due to cessation of work.

San Francisco, Cal., Subtreasury.

As previously reported, the contract for the construction of two interior money vaults for the U. S. subtreasury, San Francisco, Cal., was awarded to Grant Fee, San Francisco, Cal., at \$52,648. In the prosecution of the work fixtures and material manufactured by the following named firms will be used: Globe and angle valves, Roe-Stephens Mfg. Co.; automatic air valves, American Radiator Co.; propeller fan and volume blower, American Blower Co.; nonconducting coverings, Philip Carey Mfg. Co.; volume blower motor, propeller blower motor, and starting boxes, General Electric Co.; lighting fixtures, Dyes & Seymour, Ind.; cabinet and tablet, Frank Adam Electric Co.; conduit, American Conduit Co.; rubber covered wire, John A. Roehling's Sons Co.; snap switches, General Electric Co.; reflectors, Holophane; combination time clock for vault protection cabinets, Sargent & Greenleaf; millimeter, Weston Electrical Instrument Co.; alarm bell, Schwanitz; lead-covered cable, Hazard Mfg. Co.

Los Angeles, Cal., Steel Piles.

The following bids were received at the office of the U. S. Reclamation Service, Los Angeles, Cal., for furnishing 8 tempered steel race plates:

Advance Machine Co., Los Angeles, Cal., \$54; time 15 days.

Los Angeles Iron Works, Los Angeles, Cal., \$72; 2 per cent in 10 days; delivery 6 days.

Llewellyn Iron Works, Los Angeles, Cal., \$104; 10 days.

Kuahua, H. T., Building.

All bids received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for the construction of a building for the marine guard at the naval magazine, Kuahua, H. T., have been rejected. New bids will be opened at Honolulu for the above work.

Albany, Ore., Post Office.

The contract for the construction, including plumbing, heating, wiring, and lighting fixtures, of the U. S. post office at Albany, Ore., has been awarded to Fred A. Erlson, Salem, Ore., using sandstone for all stonework, except where granite is required, for the sum of \$57,656; plus alternate A, substituting brick driveway for macadam, \$31; plus alternate B, finishing unassigned offices, \$311; total, \$58,282.

Centrifugal Pump Impellers.

The following bids were opened at the office of the U. S. Reclamation Service, Los Angeles, Cal., under advertisement No. 255-F, for furnishing centrifugal pump impellers for the Mindoko project, Idaho:

United Iron Works, Oakland, Cal., item 1, \$992, one each in 15, 25, 35 and 45 days; 1-A, \$360 or \$260, from the pattern after production of first four specified, 20 days; delivery Oakland, Cal.; weight, 4,300 pounds.

Pelton Water Wheel Co., San Francisco, Cal., item 1, \$982, one each in 45, 55, 63, and 70 days; 1-A, \$392, 17 days; delivery San Francisco; weight, 2,500 pounds.

Union Machine Co., San Francisco, Cal., item 1, \$1,327; price does not include filling rings. These rings will be furnished for \$228 for item 1 and \$57 for item 1-A and will weight 700 pounds each. One each in 40, 50, 55, and 60 days; item 1-A, \$300, 30 days; delivery San Francisco; weight, 2,590 pounds.

Llewellyn Iron Works, Los Angeles, Cal., item 1, \$1,500, one each in 30, 40, 50, and 60 days; 1-A, \$350, 30 days; delivery Los Angeles; weight, 4,000 pounds.

Fulton Engine Works, Los Angeles, Cal., item 1, \$1,720, one each in 40, 50, 60, and 70 days; 1-A, \$430, 50 days; delivery Los Angeles; weight, 3,500 lbs.

Silver Bros. Iron Works Co., Salt Lake City, Utah, item 1, \$1,993, one each in 40, 50, 60, and 70 days, or \$2,306 with impellers of cast steel, one each in 44, 55, 64, and 74 days; item 1-A, \$470, 30 days, or \$188, 40 days, with impeller of cast steel, weight 4,230 pounds and 4,600 pounds, respectively; delivery at Salt Lake City.

Krogh Mfg. Co., San Francisco, Cal., item 1, \$2,070, one each in 46, 50, 55, and 60 days; 1-A, \$475, 30 days; delivery San Francisco; weight, 3,500 lbs.

Byron Jackson Iron Works, Los Angeles, Cal., item 1, \$2,197, one each in 42, 49, 56, and 62 days; 1-A, \$483, 30 days; weight, 3,550 pounds; deliveries at West Berkeley

Riverside, Cal., Vault Shelving.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for installing metal vault shelving in the U. S. post office at Riverside, Cal.:

Watson Mfg. Co., Jamestown, N. Y., \$271.

Crown Metal Construction Co.,

Jamestown, N. Y., \$274.55.

Art Metal Construction Co., Jamestown, N. Y., \$289.30.

The Berger Mfg. Co., Canton, Ohio, \$269.

The H. H. Shults Co., Gowanda, N. Y., \$316.

The Van Dorn Iron Works, Cleveland, Ohio, \$417.

La Junta, Colo., Post Office.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for the construction, including plumbing, heating apparatus, gas piping, electric conduits and wiring, interior lighting fixtures, and approaches, of the U. S. post office at La Junta, Colo.:

Bid 1. J. H. Wiese, City National Bank Building, Omaha, Neb.

2. Frank Kirchhof Lumber Co., 7th and Lawrence streets, Denver, Colo.

3. F. H. Cowell, Central Savings Bank Building, Denver, Colo.

Bid 1. \$78,995; 2, \$83,779; 3, no bid. For using sandstone for all stonework, except where granite is specified—Bid 1, no bid; 2, \$83,479; 3, \$88,416.

For alternate No. 1 (substituting terrazzo for the cement panels in the loggia floor, as specified), add—Bid 1, \$70; 2, \$120; 3, \$178.

For alternate No. 2 substituting wood stairs for the stairway in stair hall and to the swing room, wood flooring thresholds, base, etc., for terrazzo floor, marble base thresholds, etc., in the second story corridor, as specified), deduct—Bid 1, \$1,200; 2, \$1,158; 3, \$1,264.

For alternate No. 3 (omitting composition ornament from the soffit of the main cornice and substituting plain panels for the ornamental stucco panels in the cornice frieze, as specified), deduct—Bid 1, \$250; 2, \$640; 3, \$285.

For alternate No. 4 (painting and sheeting of certain additional plaster surfaces, as specified), add—Bid 1, \$1,500; 2, \$3,200; 3, no bid.

For alternate No. 5 (substituting Keene's cement plastering for certain hard plaster, as specified), add—Bid 1, \$800; 2, \$960; 3, \$835.

Amount included in the proposal for furnishing and installing all interior lighting fixtures—Bid 1, \$2,000; 2, \$2,300; 3, no bid.

—HALLS & SOCIETY BLDGS—

SAN FRANCISCO—City Hall, 4 story and base. Class A construction, \$1,500,000. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Plans for the installation of the plumbing in the new City Hall building have been completed and approved. Bids are now being called for on this work by the Board of Public Works. Bids will be opened on January 14th. An official proposal appears under another heading of this issue. Bonds in the sum of \$12,000 on proposition A and \$3,000 for proposition B are required.

OAKLAND, CAL.—Club house, 2 story and base, frame and concrete, \$40,000 to \$50,000. Architect, Edward G. Garden, Phelan Bldg., S. F. Owners, Sequoia Country Club. A large tract of land on the Foothill Boulevard has been secured and plans have been ordered prepared. The intention of the owners is to have one of the finest and most modern Country Clubs on the

east side of the bay. The design will probably be in the Mission style. Only preliminary studies have been made and details cannot be given at this time. Further mention will be made of the work as plans progress.

DAILY CITY, SAN MATEO CO., CAL.—City hall and jail, 2 story and base, frame. Cost not stated. Architects, Smith & Stewart, 244 Kearny street, S. F. Owners, Daily City. A building has been designed which provides offices for the city heads on the first floor. Basement will be fitted up for a modern jail with special jail equipment, steel cells, etc. The second floor will contain a city council room 50 by 60 feet, which will also be used as a public auditorium. Interior finish will be of pine and redwood. A fireproof vault will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared and figures will be called for shortly.

SAN FRANCISCO—Labor Temple, 3 story and base, brick and steel, \$75,000. Architects, O'Brien & Werner, Foxcroft Bldg., S. F. Owners, San Francisco Labor Council Hall Association. This work has been mentioned here a number of times before. Working drawings have been completed and figures are now being taken. The structure will be erected at the north-east corner of 16th and Capp streets, having a frontage of 84 feet on 16th street and 100 feet on Capp. There will be stores on the first floor and council chambers, auditorium and offices on the second and third floors. Interior will be finished in pine and hardwood. Plans provide for steam heat, elevator service and vacuum cleaning system. Marble and tile will be used in the entrance. Exterior of the building will be faced with pressed brick and stone.

HOTELS.

SAN FRANCISCO—Hotel, 6 or 7 story and base. Class B construction. Cost not stated. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, Helman Estate. The property at the southwest corner of Edwy and Taylor streets is to be improved with a large hotel structure, containing stores on the first story. The building will cover a large ground area and construction will be fireproof. Upper floors will contain a total of over 150 rooms, nearly all of which will have private baths. Interior finish will be of pine and hardwoods. Plans will provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Marble and tile will be used extensively. Bath rooms will have the wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO—Hotel, 7 story and base. Class B construction, \$100,000. Architect, G. B. Asaroft, Ballion Bldg., S. F. Owner, C. A. Hooper. The property on the north line of O'Farrell just east of the Alcazar theatre, having a frontage of 50 feet and a depth of 137½ feet, is to be improved at once by the construction of a modern hotel. The first floor will be arranged for two stores, a large hotel lobby and office and two dining rooms. Upper floors will contain a total of 126 rooms, all

of which will have private baths. Interior finish will be of pine and hardwoods. Main office and lobby will be finished in hardwood and marble with a tile floor. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are nearly complete and work will be started within a few weeks.

SAN FRANCISCO—Hotel completion, 6 story and base, brick and steel. Cost not stated. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owners, Downtown Realty Co. Plans for the completion of the upper stories of the big hotel structure at the southwest corner of Eddy and Mason streets have been completed and work will start as soon as figures can be taken. Included in this work will be interior partitions, plastering, interior finish work and mill work, tile, marble, plumbing, electric work and painting. Figures are now being taken.

SAN FRANCISCO—Hotel, 4 story and base, reinforced concrete, \$20,000. Architect, L. Mastropasqua, 580 Washington street, S. F. Owner, N. Capurano. The building will be erected at the southeast corner of Broadway and Parker Place. There will be one store besides the hotel entrance and lobby on the first floor. Upper floors will contain fifty rooms and a number of public and private baths. Interior will be finished in pine throughout. Bath rooms will have composition floors and tile wainscot. There will be steam heat and elevator service, a hot water supply and vacuum cleaning. Patent store fronts will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

PANAMA -- PACIFIC EXPOSITION WORK.

SAN FRANCISCO—State Exposition building, frame and concrete construction. Cost not stated. Architect, A. F. Helde, 46 Kearny street, S. F. Owners, State of Washington. Architect A. F. Helde has working drawings for the Washington State building to be erected at the Panama-Pacific Exposition complete and will leave for Seattle on January 10th to have plans approved by the Washington Commission and the Governor. The building will be one of the largest structures erected by any of the states. About \$250,000 will be available. Plans show a three-story structure of classic design. The first floor will contain exhibits, a large auditorium and scenic studies. A ballroom, reception hall and a second smaller auditorium will occupy the second floor. The third floor will be arranged for sleeping rooms, a large private suite for the Governor with sleeping apartments, reception rooms and banquet hall. Bids will be called for shortly after February 1st.

SAN FRANCISCO—Automatic sprinklers, electric work and sewers. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids were opened Friday, January 2nd, by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Co.

for furnishing and installing automatic sprinkler systems in the Food Products Building, Liberal Arts Building and Educational Building. The lowest figures were received from the Turner Co. at \$147,000; the next lowest bid was submitted by the Pacific Fire Extinguisher Co. at \$227,293. The McFell Electric Co. were the lowest bidders at \$12,000 for the electric work on the Liberal Arts, Food Products and Educational Buildings. Bids for constructing a sewer in the Court of Palms and the Court of the Four Seasons showed the Contra Costa Construction Co. at \$4,500. No contracts were awarded at the meeting Friday, but the low men will probably be awarded the work at the next meeting of the committee.

RAILROAD CONST., STATIONS AND EQUIPMENT.

MARSHFIELD, ORE.—Passenger depot, 1 and 2 story reinforced concrete, \$50,000. Architect, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific R. R. Co. Plans are being prepared for a modern passenger station to be erected at Marshfield. There will be two waiting rooms, baggage room and agent's office. Interior finish will be of pine throughout. A cement floor will be used. Plans provide for steam heat and metal window sash and frames. Exterior of the building will be faced with cement plaster.

PORTLAND, ORE.—Railroad administration building, 3 story and base, concrete and hollow tile construction. Cost not stated. Architect, W. Boshke, care of owners. Owners, Oregon-Washington Railroad and Navigation Co. Bids have been opened for the construction of a three-story administration building which is to be erected in the Albina District. The building will cover an area of 50 by 80 feet. Bids were taken from selected contractors only. No award has yet been made.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame \$2,500. Architect, none. Owner, A. T. Morris, 616 9th avenue, S. F. The dwelling has been designed for a six-room house with bath, and will be erected on the west side of 11th avenue south of Anza. All interior finish will be of pine or redwood. Oak floors will be used in the principal rooms. There will be a large open fire place in the living room. Mantel will be of tile. The wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$2,000 each. Architect, none. Owner J. C. Kirby, 2152-A Market street, S. F. These two dwellings will each contain six rooms and bath and will be erected on the east side of 17th street north of Anza. Interiors will be finished in pine with some elm panels and oak floors. There will be open fire places and brick mantels. Composition floors will be used in the bath rooms. Kitchens will have

tile wainscot. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath and rustic. Plans are in the hands of the owner who will do the work by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,750. Architect, none. Owner, William H. Kerrigan, 5153 Shafter street, Oakland. The dwelling has been designed to contain seven rooms, bath and sleeping porch and will be erected on Kenmore avenue near Wala Vista. Interior finish will be of pine and hardwood with oak floors in the living and dining rooms and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Work will be done by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, H. E. Eveleth. The dwelling will be erected on Russell street near Piedmont, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine and hardwood. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

COTATI, SONOMA CO., CAL.—Residence, 2 story and base, frame, \$6,000. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Father Cunha. This dwelling has been designed to contain seven rooms, two baths and sleeping porch. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. Bath rooms will have composition floors and tile wainscot. Exterior will be covered with rustic and shiplap. Plans are being prepared and figures will be called for shortly.

SAN FRANCISCO—Residence alterations, 3 story and base, frame, \$10,000. Architect, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. The large old family residence, located at the corner of Buchanan and Post streets, is to be altered. Plans provide for four stories on the first floor and residential flats on the upper two floors. Included in this work will be new plastering, plumbing, painting, interior finish and electric work. There will be oak floors and open fire places. The work will also be used. Exterior of the building, with the exception of the first floor, will not be changed. Plans are now being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,500. Architect, Edward T. Poukes, Crocker Bldg., S. F. Owner, Paul McCarthy. The dwelling will be erected in Buena Vista Terrace, and has been designed to contain six rooms, bath and sleep-

ing porch. Interior finish will be of pine with some hardwood veneer and oak floors. A Rector system of heating will be installed. The wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, William J. Wythe, Central Bank Bldg., Oakland. Owner, James R. Tallman. The house will be erected at the corner of Pacific and Hager avenues, and has been designed for a seven-room dwelling with bath and sleeping porch. Interior finish will be of pine, white enamel and hardwood veneer. Oak floors will be used in the living room, dining room and recreation hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath room will have composition floor and tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans have been revised and new figures are being taken.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, William J. Wythe, Central Bank Bldg., Oakland. Owner, Arthur M. Moore. The house will be erected on Pacific avenue near Hager, and has been designed to contain seven rooms and bath. Interior will be finished in pine and hardwood veneer. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SACRAMENTO, CAL.—Residences, 3, 2 story and base, frame, \$3,200 each. Architect, none. Owner, E. A. Pierce, 2207 1st avenue, Sacramento. These houses will be erected in the Curtis Oaks Tract, and each has been designed for a seven-room house with bath and sleeping porch. Interiors will be finished in pine and redwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Automatic water heaters will be installed. Bath rooms and kitchens will have tile wainscot. Exterior will be covered with cement plaster on metal lath and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SACRAMENTO, CAL.—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, Arthur Mellor, 4121 G street, Sacramento. The house will contain six rooms and bath, and will be erected in the Clair Tract. All interior finish will be of pine or redwood. Oak floors will be used in the living room and dining room. There will be a large open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and

the work will be done by Day Labor. **SAN FRANCISCO**—Bungalow, 1½ story and base, frame, \$2,200. Architect, none. Owner, M. F. Nolan, 228 Noe street, S. F. The dwelling will be erected on the east side of 22nd avenue north of Clement, and will contain six rooms and bath. Interior finish will be of pine with some hardwood veneer in the living and dining rooms. Oak floors and open fire places will be used in the principal rooms. Mantels will be of tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN JOSE, SANTA CLARA CO., CAL.—Residences, 1 and 2 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: F. K. May, 420 Hull street, 1 story, four-room cottage, \$1,800; E. D. Wells, 445 North 17th street, 2 story frame, six room house, \$2,000; H. W. Dangerfield, North 11th street, 1 story, five-room frame cottage, \$2,000, and Mrs. Baxter, 468 North 7th street, 1 story, four-room frame cottage, \$1,000.

SEATTLE, WASH.—Residence, 2 story and base, brick, \$20,000. Architect, Albert Held, Seattle. Owner, C. L. Mathews. The owner has recently purchased a large site in Cliff Park, and will erect a dwelling of twelve rooms, three baths and sleeping porches. Interior finish will be of pine and hardwood. Oak floors will be used in the principal rooms. Plans provide for a central heating system, probably steam or hot water, a vacuum cleaning plant and automatic water heaters. There will be open fire places and tile and brick mantels. Bath rooms will have tile floors and wainscot. Exterior of the house will be faced with pressed brick. Plans are being prepared and figures will be called for shortly.

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SCHOOLS.

PITTSBURGH, CONTRA COSTA CO., CAL.—School, 2 story and base, brick, \$50,000. Architect, A. W. Cornelius, Merchants National Bank Bldg., S. F. Owners, Pittsburgh School District. Architect Cornelius has recently been awarded the first place in the competition held to secure plans for a new school building to be erected at Pittsburgh. The building will contain eight class rooms, assembly hall seating 250 people and laboratories. Interior finish will be of pine with maple floors. Plans provide for steam heat, an oil burning system vacuum cleaning and program clocks. Exterior of the building will be faced with pressed brick. Working drawings are now being prepared and figures will shortly be called.

SACRAMENTO, CAL.—School work alterations, etc., frame construction. Cost not stated. Architect, none. Owners, City of Sacramento. Additions and alterations will be made to eight Sacramento schools. The work will range in cost from \$700 to \$5,500. Included in the work will be painting, plumbing and electric work as well as an amount of school furniture and equipment. Full particulars can be

secured from the Sacramento Board of Education. The work will be done by Day Labor.

OAKLAND, CAL.—School grading, curbs and walks. Cost not stated. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Bids are now being called for on the work of grading, laying cement walks and curbs at the following schools. Bids will be opened on January 13th:

(A) For the grading, bituminous paving, cement walks, curbing and other work for the improvement of the grounds of the Claremont School, located on the easterly side of College avenue, between Shafter avenue and Birch Court.

(B) For the grading, concrete gutter, oiled surfacing and other work for the improvement of the grounds of the Clawson School, located on the westerly side of Magnolia street, between 32nd and 33rd streets.

(C) For the grading, cement walks, steps, curbing and other work for the improvement of the grounds of the Cleveland School, located on the southerly side of Cleveland avenue, between Alma and Athol avenues.

(D) For the water piping, concrete steps, screened rock surfacing and other work for the improvement of the grounds of the Laurel School, located on the northerly side of Kansas street, between Edison and Shafter avenues.

(E) For the grading, cement walks and other work for the improvement of the grounds of the McChesney School, located on the easterly side of 13th avenue, between East 37th and East 35th streets.

(F) For the grading, surfacing and other work for the improvement of the grounds of the Melrose School, located on the easterly side of 52nd avenue, between East 12th and East 14th streets.

(G) For the rough and finished plumbing and other work for a new toilet system on the grounds of the Tompkins School, located on the southerly side of 5th street, between Linden and Chestnut streets.

Bidders may submit proposals on one or more of the above enumerated classes of work, for each one of the groups named, but no bid which combines two (2) or more of the several groups in one figure will be considered.

SAN FRANCISCO—Day Nursery, 3 story and base, frame, \$20,000. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owners, Kip Memorial Mission. The building will be erected at the corner of Folsom and Second streets, covering an area of 50x137½ feet. Interior will be arranged for a chapel, girls' room, nursery and dining room. Interior finish will be of pine throughout. Plans provide for steam heat and a hot water system. Exterior of the building will be covered with rustic and shiplap. Plans are being prepared. Further mention will be made of the work when bids are called.

Contracts Awarded.

SEATTLE, WASH.—School, 2 story and base, brick, \$21,525. Architect, V. W. Voorhees, Eitel Bldg. Seattle. Owners, City of Seattle. Contractor, Hans Rathe, 6726 26th avenue, Seattle. Contract price, \$21,525.

SEWERS, STREET WORK AND WATER SYSTEMS.

UMATILLA, ORE.—Water system, \$20,000. Engineer, Louis C. Kelsey, Selling Bldg., Portland. Owners, City of Umatilla. Preliminary plans have been prepared for a water system to supply the entire city. A fire protection system will also be included in the work. Bonds will be voted at an early date. Further mention will be made of the work as the plans progress.

PORTLAND, ORE.—Water pipe, \$100,000. Engineer, City Department of Engineering, Portland. Owners, City of Portland. Commissioner Daly of the Public Utilities Committee has asked that money be set aside and bids be called for furnishing the city with a large amount of water main to be installed this spring. Included in the list are: 1,193 gate valves ranging in size from 6 to 30 inches, 5,200 tons of cast iron pipe of various sizes, 300 tons of special castings, 900 cast iron gate boxes, 150 cast iron frame covers and 600 fire hydrants. Bids on this material will be received during January.

STADIUM.

OAKLAND, CAL.—Stadium and track, concrete construction, \$260,000. Architect, Supervising Architect J. J. Donovan, Security Bank Bldg., Oakland. The Oakland Stadium Association, organized to make a campaign for a concrete stadium and athletic field in connection with a municipal center in Peralta Park, one which was referred to the playground commission by the City Council, will need \$260,000 to complete the project, according to the figures of Geo. E. Dickie, and the tentative plans of Supervising Architect J. J. Donovan. Donovan believes it will cost \$200,000 to construct the proper stadium, which includes a one-half mile track for trotting and pacing races, a quarter-mile athletic track, concrete grandstand and athletic field. According to Dickie's estimate it will cost \$25,000 to fill in the ground, \$25,000 for the tracks, \$10,000 for the athletic field and \$1,000 for fencing, making a total of \$260,000.

STORES.

SAN FRANCISCO.—Stores, 1 story and base, brick. Cost not stated. Architects, O'Brien Bros., Clinic Bldg., S. F. Owner, Mr. Jacobs. This building, which has been designed for a wholesale commission building, will be erected on Washington street east of Front. The structure will be carried on a scow foundation. There will be patent store fronts and plate glass windows. Interior finish will be of pine throughout. A cement floor will be used. Exterior will be faced with pressed brick. Bids have been taken for the grading and foundation work, and figures for the balance of the work are now being called.

SEATTLE, WASH.—Stores and offices, 4 story and base, reinforced concrete, \$500,000. Architect, William Kingsley, Empire Bldg., Seattle. Owner's name withheld. The building will cover a large area and will be erected on the block bounded by Westlake, 4th, Stewart and Olive streets. Con-

struction will be fireproof throughout with reinforced concrete walls, floors and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. Interior finish will be of pine, hardwoods and metal trim. Metal window sash and frames will be used. Plans provide for freight and passenger elevators, steam heat, mail chutes and a vacuum cleaning system. Patent store fronts and sidewalk doors and lights are specified. Exterior will be faced with cut stone and terra cotta. Excavation has already been started. Bids for the balance of the work will be called for at once.

CON AWARD e, off on.

SAN FRANCISCO.—Stores, 1 story and base, brick, \$5,700. Architects, O'Brien Bros., Clinic Bldg. S. F. Owner, Mr. Jacobs. Contractors, Davis & Son, S. F. Contract price, \$5,700.

TACOMA, WASH.—Stores and offices, 2 story and base, brick and concrete, \$50,000. Architects, Heath & Gove, National Realty Bldg., Tacoma. Owner, David Goss. Contractors, Moller & Dawson, Tacoma. Contract price, \$50,000.

SAN FRANCISCO.—Store alterations, 1 story and base, frame, \$1,500. Architect, Charles Fantoni, 916 Kearny street, S. F. Owner, Angelo Belli. The one-story frame market building at the southeast corner of Fillmore and Jackson streets will be raised and moved to the rear of the lot and an additional story erected, which will be arranged for flats. The site of the old building will be improved with another one-story structure designed for store purposes. Interior finish will be of pine. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the architect is now taking figures on the work.

THEATRES.

SEATTLE, WASH.—Theatre and stores, 2 story and base, reinforced concrete, \$70,000. Architect, H. Ryan, Northern Bank Bldg., Seattle. Owners, Liberty Theatre. The building will be of fireproof construction, covering an area of 141x120 feet. There will be a number of stores on the first floor besides the theatre entrance and main auditorium. Front portion of the second floor will contain offices. Floors will be of reinforced concrete. Interior finish will be of pine and metal. Metal window sash and frames and fireproof doors will be used. Steam heat, a modern system of vacuum cleaning and ventilating will be installed. Exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for at once.

SAN FRANCISCO.—Theatre and hotel, 6 story and base. Class B construction. Cost not stated. Architects, Woollett & Woollett, Newhall Bldg., S. F. Owner's name withheld. This building will be erected partly in the rear of the Downtown Realty Co.'s hotel at the southwest corner of Eddy and Mason streets and partly on the McDougall Estate lot on the west side of Mason street adjoining the Downtown Realty Co.'s building on the south. Construction will be of Class B style, with a steel frame and interior partitions of metal lath and plaster. The street frontage will be arranged

for stores while the upper stories will contain hotel rooms. Interior will be finished in pine and hardwood. Plans provide for steam heat, elevator service and a hot water supply. The stage, dressing rooms and a large portion of the main auditorium will occupy the first floor. Exterior of the building will be faced with red pressed brick. Plans are complete and figures for the structural steel work are now being taken. Mr. Johnson, Humboldt Bank Bldg., is in charge of the work.

SEALED PROPOSALS.

PROPOSALS FOR PLUMBING.
OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, January 8, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefore:

To re-plumb the City Hall. Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works and completed within the time limit as set forth in the specifications. The amount of bond for faithful performance of contract has been fixed as follows:

Proposition No. 1, \$12,000.00

Proposition No. 2, \$1,000.00

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works, F. J. CHURCHILL, Secretary.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 816.—Proposals for the Purchase of Miscellaneous Iron and Steel Scrap Offered for Sale by the Isthmian Canal Commission and Which is No Longer Needed.—Sealed proposals will be received at the office of the general purchasing officer of the Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., January 22, 1914, at which time they will be opened in public, for purchasing the above mentioned articles. Blankets and general information relating to this circular (No. 816) may be obtained from the purchasing officer, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash., Los Angeles, Cal.; and Boggs, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 816.—Proposals for Cold Rolled Steel, Wire, Cable, Chain, Stovepipe, Bolts, Nuts, Boat Spikes, Nails, Iron Washers, Bronze Bars, Sheet Brass, Sheet Copper, Lead, Cast Iron, Cast Steel, Brass Tubing, Copper Tubes, Plate Zinc, Picks, Files, Hack-saw Blades, Hinges, Stable Hooks, Pails, Buckets, Water Cans, Grindstones, Grease Cups, Water Gauges, Tallow Pots, Hammer Handles, Oars, Lantern Globes, Window Glass, Domestic Hose, Rope, Oakum, Chalk Line, Cotton Canvas, Railway Flanges, Mop Heads, Emery Cloth, Rayline, Bel. Lacing, Calcium Carbide, Tapes, Rules, Pins, Memorandum Books, Bond Paper, Index cards, Tulle Paper, Lumber, Timbers and Creosote. Plans.—Sealed proposals will be received at the office of the general purchasing agent, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., January 12, 1914.

at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 815) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; F. C. BOGGS, major, corps of engineers; U. S. army, general purchasing officer.

PROPOSALS FOR CANAL SUPPLIES.
CANAL CIRCULAR NO. 815—Proposals for Switchboard, Electric Cable, Conduit and Fittings, and Miscellaneous Electrical Apparatus, Oil-Burning Galvanizing Furnaces and Galvanizing Pots and Motor-Driven Dry-Kiln and Dry-Room Equipments.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until **10:30 a. m., January 10, 1914**, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 815) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; F. C. BOGGS, major, corps of engineers; U. S. army, general purchasing officer.

PROPOSALS FOR BUILDING.
BUILDING, ETC.—Office of Constructing Quartermaster Fort Huachuca, Ariz.—Sealed proposals, in and to which time they will be opened in public, for furnishing all materials and labor and constructing, complete, one double of captain's quarters, including plumbing and electric wiring, and a double blacksmith shop at this post. Plans and specifications are on file in the office of the undersigned, accompanied by deposit of \$10 to insure return of same. E. S. WALTON, constructing quartermaster.

NOTICE TO CONTRACTORS.
The James Graham Mfg. Co., will receive bids at their office in Newark, Cal., on or before **3 o'clock P. M., January 10, 1914**, for the erection of a one-story brick warehouse.
Plans and specifications describing this work may be had from A. T. Egan, Niles, Cal., or from the James Graham Mfg. Co. office 531 Mission St., San Francisco, Cal. (*)

PROPOSALS.
OFFICE OF THE BOARD OF PUBLIC WORKS OF THE City and County of San Francisco.
Sealed proposals will be received at this office between the hours of **2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 7th day of January, 1914**, for furnishing and delivering the following material:

The machine shop equipment for the Geary Street Municipal Railway, with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

Sealed proposals for faithful performance of the contract has been fixed at \$5,000.00.
All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County, for an amount not less than the sum of the aggregate of the proposal, and no proposal will be considered unless accompanied by such check.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.
By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such Items, commencing on this page, all carefully classified as to location. These same Items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

APARTMENT HOUSE—5 or 6 story and base. Class C construction, \$75,000 to \$100,000. San Francisco. Architect, Frederick H. Meyer, Bankers Investment Bldg., S. F. Owners, Trowbridge and Livingston. This building will be erected at the corner of Post and Williams Place. The lot to be improved has a frontage of 75 feet by a depth of over 100 feet. The first floor will be arranged for a large lobby, office, amusement room and living apartments. Upper floors are to be divided into a large number of two and three room suites. Interior finish will be of pine, redwood, white enamel and hardwood. Oak floors will be used in the dining rooms and halls. Plans provide for steam heat, elevator service, a vacuum cleaning system and wall beds. All bath rooms will have composition floors and the wainscot. Marble and tile will be used in the entrance. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

APARTMENT HOUSE—3 story and base, frame, \$20,000. San Francisco. Architect, John J. Foley, 46 Kearny street, S. F. Owner's name withheld. The building will be erected on 4th avenue near I street, and has been designed to contain twelve suites of three and four rooms and bath. Interior finish will be of pine with elm panels and oak floors. There will be a complete oil burning system and steam heat. Vacuum cleaning and a hot water system will also be installed. Bath rooms will have composition floors and tile wainscot. Entrance will be finished in marble and tile. All apartments will be equipped with wall beds. Exterior of the building will be covered with cement plaster on metal lath. A brick veneer base will be used. Plans are complete and the work will be carried on by Day Labor.

APARTMENT HOUSE—3 story and base, brick and steel, \$50,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner's name withheld. The building will be erected on the north side of Bush street between Jones and Taylor, and will have a frontage of 55 feet by a depth of 137½ feet. Plans show a total of 32 suites of two and three rooms besides a spacious lobby, office and amusement room. Interiors will be finished in pine, elm and white enamel. Lobby and office will be finished in white enamel and gold after the Austrian style. All suites will have wall beds and private baths. Bath rooms will be finished in tile with composition floors. Plans provide for steam heat, a hot water system and vacuum cleaning. Exterior of the building will be faced with red pressed brick trimmed with Caen stone. Plans are being prepared.

CITY HALL—4 story and base. Class A construction, \$150,000. San Francisco. Architects, Bakewell & Brown, 231 Kearny street, S. F. Owners, City and County of San Francisco. Plans

for the installation of the plumbing in the new City Hall building have been completed and approved. Bids are now being called for on this work by the Board of Public Works. Bids will be opened on January 14th. An official proposal appears under another heading of this issue. Bonds in the sum of \$12,000 on proposition A and \$3,000 for proposition B are required.

HOTEL—6 or 7 story and base. Class B construction. Cost not stated. San Francisco. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, Helman Estate. The property at the southwest corner of Eddy and Taylor streets is to be improved with a large hotel structure, containing stores in the first story. The building will cover a large ground area and construction will be fireproof. Upper floors will contain a total of over 150 rooms, nearly all of which will have private baths. Interior finish will be of pine and hardwoods. Plans will provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Marble and tile will be used extensively. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are being prepared.

HOTEL—7 story and base. Class B construction, \$100,000. San Francisco. Architect, G. B. Ashcroft, Balboa Bldg., S. F. Owner, C. A. Hooper. The property on the north line of O'Farrell just east of the Alcazar Theatre, having a frontage of 50 feet and a depth of 137½ feet, is to be improved at once by the construction of a modern hotel. The first floor will be arranged for two stores, a large hotel lobby and office and two dining rooms. Upper floors will contain a total of 120 rooms, all of which will have private baths. Interior finish will be of pine and hardwoods. Main office and lobby will be finished in hardwood and marble with a tile floor. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are nearly complete and work will be started within a few weeks.

HOTEL COMPLETION—6 story and base, brick and steel. Cost not stated. San Francisco. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owners, Downtown Realty Co. Plans for the completion of the upper stories of the big hotel structure at the southwest corner of Eddy and Mason streets have been completed and work will start as soon as figures can be taken. Included in this work will be interior partitions, plastering, interior finish work and mill work, tile, marble, plumbing, electric work and painting. Figures are now being taken.

HOTEL—4 story and base, reinforced concrete, \$20,000. San Francisco. Architect, L. Mastropasqua, 580 Washington street, S. F. Owner, N.

Capuaro. The building will be erected at the southeast corner of Broadway and Parker Place. There will be one store besides the hotel entrance and lobby on the first floor. Upper floors will contain fifty rooms and a number of public and private baths. Interior will be finished in pine throughout. Bath rooms will have composition floors and tile wainscot. There will be steam heat and elevator service, a hot water supply and vacuum cleaning. Patent store fronts will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

RESIDENCES—2, a story and base, frame, \$2,000 each. San Francisco. Architect, none. Owner, J. C. Kirby, 2152-A Market street, S. F. These two dwellings will each contain six rooms and bath, and will be erected on the east side of 17th street north of Anza. Interiors will be finished in pine with some elm panels and oak floors. There will be open fire places and brick mantels. Composition floors will be used in the both rooms. Kitchens will have tile wainscot. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath and rustic. Plans are in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, A. T. Morris, 616 9th avenue, S. F. The dwelling has been designed for a six-room house with bath, and will be erected on the west side of 11th avenue south of Anza. All interior finish will be of pine or redwood. Oak floors will be used in the principal rooms. There will be a large open fire place in the living room. Mantel will be of tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

STATE EXPOSITION BUILDING—Frame and concrete construction. Cost not stated. San Francisco. Architect, A. F. Heide, 46 Kearny street, S. F. Owners, State of Washington. Architect A. F. Heide has working drawings for the Washington State building to be erected at the Panama-Pacific Exposition complete and will leave for Seattle on January 10th to have plans approved by the Washington Commission and the Governor. The building will be one of the largest structures erected by any of the states. About \$250,000 will be available. Plans show a three-story structure of classic design. The first floor will contain exhibits, a large auditorium and scenic studies. A ballroom, reception hall and a second smaller auditorium will occupy the second floor. The third floor will be arranged for sleeping rooms, a large private suite for the Governor with sleeping apartments, reception rooms and banquet hall. Bids will be called for shortly after February 1st.

AUTOMATIC SPRINKLERS, ELECTRIC WORK AND SEWERS—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F.

Owners, Panama-Pacific International Exposition Co. Bids were opened Friday, January 2nd, by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company for furnishing and installing automatic sprinkler systems in the Food Products Building, Liberal Arts Building and Educational Building. The lowest figures were received from the Turner Co. at \$147,000; the next lowest bid was submitted by the Pacific Fire Extinguisher Co. at \$227,293. The McCell Electric Co. were the lowest bidders at \$13,086 for the electric work on the Liberal Arts, Food Products and Educational Buildings. Bids for constructing a sewer in the Court of Palms and the Court of the Four Seasons showed the Contra Costa Construction Co. low at \$4,500. No contracts were awarded at the meeting Friday, but the low men will probably be awarded the work at the next meeting of the committee.

RESIDENCE ALTERATIONS—2 story and base, frame, \$10,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. The large old family residence located at the corner of Buchanan and Post streets is to be altered. Plans provide for four stores on the first floor and residential flats on the upper two floors. Included in this work will be new plastering, plumbing, painting, interior finish and electric work. There will be oak floors and open fire places. The work will also be used. Exterior of the building, with the exception of the first floor, will not be changed. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$5,500. San Francisco. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, Paul McCarthy. The dwelling will be erected in Buena Vista Terrace, and has been designed to contain six rooms, bath and sleeping porch. Interior finish will be of pine with some hardwood veneer and oak floors. A Rector system of heating will be installed. The wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

FLATS—2 story and base, frame. Cost not stated. San Francisco. Architects, Henry Geiffuss & Son, 46 Kearny street, S. F. Owner's name withheld. This work has been mentioned here before. The building, which has been designed for a store on the first floor and flats above, will be erected at the corner of Bryant and 16th streets. Interior finish will be of pine and redwood. There will be an open fire place in each of the living rooms. Bath rooms will have tile wainscot and composition floors. Store will be equipped with patent fronts. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

STORES—, story and base, brick. Cost not stated. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, Mr. Jacobs. This building, which has been designed for a water-leak commission building, will be erected on Washington street east of Front. The structure will be carried on a scow foundation. There will be

patent store fronts and plate glass windows. Interior finish will be of pine throughout. A cement floor will be used. Exterior will be faced with pressed brick. Bids have been taken for the grading and foundation work and figures for the balance of the work are now being called.

THEATRE AND HOTEL—6 story and base. Class B construction. Cost not stated. San Francisco. Architects, Woollett & Woollett, Newhall Bldg., S. F. Owner's name withheld. This building will be erected partly in the rear of the Downtown Realty Co.'s hotel at the southwest corner of Eddy and Mason streets and partly on the McDougall Estate lot on the west side of Mason street adjoining the Downtown Realty Co.'s holding on the south. Construction will be of the Class B style with a steel frame and interior partitions of metal lath and plaster. The street frontage will be arranged for stores while the upper stories will contain hotel rooms. Interior will be finished in pine and hardwood. Plans provide for steam heat, elevator service and a hot water supply. The stage, dressing rooms and a large portion of the main auditorium will occupy the first floor. Exterior of the building will be faced with red pressed brick. Plans are complete and figures for the structural steel work are now being taken. Mr. Johnston, Humboldt Bank Bldg., is in charge of the work.

APARTMENT HOUSE—4 story and base. Class A construction, \$180,000. 210 Lake City, Utah. Architects, Palster & Hiss, Salt Lake City. Owners' names withheld. The building will be erected at the corner of East South and Temple streets, and will be fire-proof throughout. The building will contain in the neighborhood of 120 suites of two, three and four rooms. There will be a complete steel frame, reinforced concrete and brick exterior walls, faced with pressed brick and terra cotta. Interior will be handsomely finished in pine and hardwoods. Oak floors will be used in the principal rooms. Plans provide for steam heat elevator service, a hot water system and vacuum cleaning. Preliminary plans have been approved and working drawings are now being completed.

DAY NURSERY—3 story and base, frame, \$20,000. San Francisco. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owners, Kip Memorial Mission. The building will be erected at the corner of Folsom and Second streets, covering an area of 50x137½ feet. Interior will be arranged for a chapel, girls' room, nursery and dining room. Interior finish will be of pine throughout. Plans provide for steam heat and a hot water system. Exterior of the building will be covered with rustic and shiplap. Plans are being prepared. Further mention will be made of the work when bids are called.

COLD STORAGE PLANT—6 story and base, brick and steel. Cost not stated. San Francisco. Engineer, Charles Wallace, S. F. Owners, National Ice and Cold Storage Co., Postal Telegraph Bldg., S. F. This is the second large addition to the company's plant at Battery and Union streets. A new four-story building is now under construction and this will connect with

the larger structure. When complete the building will furnish over one million cubic feet of refrigeration. Construction will be practically fire-proof. Interior will be finished in pine. Plans provide for a large amount of special machinery, elevators, plumbing and electric work. Exterior will be faced with pressed brick. Plans are complete and segregated figures will be called for at once.

FLATS—3 story and base, frame, \$7,000. San Francisco. Architect, Charles Fantoni, 916 Kearny street, S. F. Owner, Angelina Cesana. The building will be erected on the west side of Mason street north of Pacific, and will have a street frontage of 22½ feet by 75 feet. There will be three modern flats of five and six rooms. Interiors will be finished in pine and elm panels. Some hardwood floors will be used. Each of the living rooms will have an open fire place with a tile mantel. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with rustic and shiplap. A pressed brick base will also be used. Plans are complete and figures are taken.

GARAGE—2 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, G. A. Applegarth, Call Bldg., S. F. Owner, A. B. Spreckels. This building will be designed for a private garage and will be erected in the rear of the owner's handsome dwelling at the corner of Octavia and Washington streets. Included in the work will be the construction of large reinforced concrete retaining walls. Interior finish will be of high class and similar to that of the owner's residence. Plans provide for steam heat and a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for at once.

LABOR TEMPLE—3 story and base, brick and steel, \$75,000. San Francisco. Architects, O'Brien & Werner, Foxcroft Bldg., S. F. Owners, San Francisco Labor Council Hgh Association. This work has been mentioned here a number of times before. Working drawings have been completed and segregated figures are now being taken. The structure will be erected at the northeast corner of 16th and Capp streets, having a frontage of 34 feet on 16th street and 100 feet on Capp. There will be stores on the first floor and council chambers, auditorium and offices on the second and third floors. Interior will be finished in pine and hardwood. Plans provide for steam heat, elevator service and vacuum cleaning system. Marble and tile will be used in the entrance. Exterior of the building will be faced with pressed brick and stone.

BUNGALOW—1½ story and base, frame, \$2,200. San Francisco. Architect, none. Owner, M. P. Nolan, 228 Noe street, S. F. The dwelling will be erected on the east side of 22nd avenue north of Clement, and will contain six rooms and bath. Interior finish will be of pine with some hardwood veneer in the living and dining rooms. Oak floors and open fire places will be used in the principal rooms. Mantels will be of tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be

covered with rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

STORE ALTERATION—1 story and base, frame, \$1,500. San Francisco. Architect, Charles Fantoni, 916 Kearny street, S. F. Owner, Angelo Belli. The one-story frame market building at the southeast corner of Fillmore and Jackson streets will be raised and moved to the rear of the lot and an additional story erected which will be arranged for flats. The site of the old building will be improved with another one-story structure designed for store purposes. Interior finish will be of pine. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the architect is now taking figures on the work.

Contracts Awarded.

STORES—1 story and base, brick, \$5,700. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, Mr. Jacobs. Contractors, Davis & Sen, S. F. Contract price, \$5,700.

Exposition Company Opened Figures.

Automatic Sprinklers and Electric Work in Various Buildings Con- sidered and Contract Will Be Awarded.

Bids were opened Friday by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Co. for furnishing and installing automatic sprinkler systems in the Food Products Building, Liberal Arts Building and Educational Building. The lowest figures were received from the Turner Co. at \$147,000, the next lowest bid was submitted by the Pacific Fire Extinguisher Co. at \$227,293. The McCall Electric Co. were the lowest bidders at \$13,080 for the electric work on the Liberal Arts, Food Products and Educational Buildings. Bids for constructing a sewer in the Court of Palms and the Court of the Four Seasons showed the Contra Costa Construction Co. low at \$1,500.

No contracts were awarded at the meeting Friday, but the low men will probably be awarded the work at the next meeting of the committee.

Building Contracts Awarded

San Francisco.

No.	Owner	Contractor	Amt.
4602	Grant	...Carr	1471
4603	Kull	...Setfill	1750
4604	Egan	...Egan	4800
4605	Gonzalez	...Day	8430
4606	Maass	...Welsh	8650
4608	Schmiedell	...Marshall	2316
4609	Same	...Hardwood Int	4700
4610	York Rity	...Franz	7300
4607	St. Ignatius	...Brandlen	12800
4611	Kirby	...Kirby	2600
4612	Same	...Same	2600
4613	Ruse	...Ruse	1000
4614	Trescott	...Tacoma	500
4615	Star	...Sarantidis	600
4616	Hinn	...Bixley	500
4617	St. Ignatius	...Norris	2100
4618	Sciocechetti	...Sciocechetti	1000
4619	McDonald	...Urfer	850
4620	Pomroy	...Pomroy	2000
4621	Prescott	...MacArthur	2600
4622	Same	...Same	2600
4623	Clanorulo	...Saari	15315
4624	Sargent	...Rickon	16615

1	Morse	.....Brockhage	400
2	Rae	.....Rae	1000
3	Hemphill	.....Rossi	400
4	Buckley	.....Cameron	400
5	Milwaukee	.....Lurmann	1800
6	Ins Ex	.....Mer Ex	2000
7	Cameron	.....Leigh	2000
8	Eby	.....Klahn	2000
9	Lane	.....Costello	2000
10	Stein	.....Bloom	1420
11	Ross	.....Ross	500
12	Marks	.....Marks	400
13	Nolan	.....Nolan	2200
14	Wright	.....Atlas	600
15	Mauzy	.....Mauzy	400
16	Bush	.....Brumfield	500
17	Harris	.....Savage	2600
18	Becker	.....Little	9050
19	Prescott	.....MacArthur	2400
20	Same	.....Same	2400
21	Hind	.....Knowles	11000
22	Ballieres	.....Metter	1000
23	Smith	.....Quick	400
24	Nelson	.....Nelson	1800
25	Sutherland	.....Kincannon	14000
26	Harrison	.....Kaiser	1500
27	Bettner	.....McMullin	3995
28	Corley	.....Peterson	4280
29	Altwater	.....Carlson	2000
30	Ohlandt	.....Wallace	50000
31	Rosenberg	.....Rosenberg	25000
32	Fleishacker	.....Leiter	41280

(4602) S BUSH 183-6 W Powell. To build additional brick or concrete piers, set additional girders and posts of both steel and wood and reinforce existing girders and posts with steel and wood.
Owner.....Isaac Grant, 753 Bush, S. F.
Architect.....G. A. Applegarth, 1600 Call Bldg., San Francisco.
Contractor.....J. W. Carr, 180 Jewie, San Francisco.

COST, \$1471

(4603) W EIGHTH AVE 230 S Kirkham. One-story and basement frame dwelling.

Owner.....A. C. Kull, 1370 11th Ave., San Francisco.
Architect.....None.

Contractor.....Setfill & Davis, 1475 12th Ave., San Francisco.

COST, \$1750

(4604) N FOLSOM 50 E Elgith. Two-story brick store and flat.

Owner.....Egan Bros., 1150 Folsom, San Francisco.

Architect.....None.
Day's work.

COST, \$4800

(4605) N WASHINGTON 70 E Davis E 40 N 60 W 20 N 60 W 20 S 120. All work for one-story reinforced concrete commission house.

Owner.....Alfred Gonzalez, 34 Montgomery, San Francisco.

Architect.....W. H. Crim Jr., 425 Kearny, San Francisco.

Contractor.....Thos. H. Day's Sons, Sharon Bldg., San Francisco.

Filed Dec. 27, '13. Dated Dec. 23, '13.
Firms up ready for pouring 1st story.....\$2123
All work stripped and roof on.....2123
Completed and accepted.....2123
Usual 35 days.....2124

TOTAL COST \$8490

Bond, \$4300 Surety, United States Fidelity & Guaranty Co. Limit, 40 days. Forfeit, \$10. Plans and specifications hid.

(4606) E TWENTY-ONE AVE 250 N Clement N 25xE 120 OL 161. All work for two-story frame residence.

Owner.....Mary F. Maass, 234 21st Ave., San Francisco.

Architect.....None.
Contractor.....Jas. Welsh.

Filed Dec. 27, '13. Dated Dec. 22, '13.
Roof on.....\$912.50

Brown coated \$12.50
 Plumbing in \$12.50
 Usual 35 days \$12.50
TOTAL COST, \$3650.00
 Bond, limit, forfeit, none. Plans and specifications filed.

(4607) NE FULTON AND PARKER
 Ave E 175xN 275. Pew installation
 for Saint Ignatius Church.

Owner.....The President and Board
 of Trustees of Saint Ignatius
 College.

Architect...Chas. J. I. Devlin, Pacific
 Bldg., San Francisco.

Contractor...R. Brandeish & Co., 3155
 18th, San Francisco.

Filed Dec. 29, '13. Dated Dec. 15, '13.
 On 1st and 15th of each month 75%
 Usual 35 days, 25%.....\$3200

TOTAL COST, \$12,800

Bond, \$6400. Surety, American Surety
 Co. of New York. Limit, —. Forfeit,
 \$25. Plans and specifications filed.

(4608) SE POST & LEAVENWORTH
 S 137-6XE 137-6. 48 more or less
 special Oscillating portal wall beds
 and 12 more or less Murphy wall beds
 in six-story and basement Class "C"
 apartments.

Owner.....Schmiedell Estate Cpn., 300
 Front, San Francisco.

Architect...Frederick H. Meyer, Bankers'
 Invest. Bldg., S. F.

Contractor...Marshall & Stearns Co.,
 Phelan Bldg., S. F.

Filed Dec. 29, '13. Dated Dec. 26, '13.
 ½ cash when bed fronts and
 frames are delivered.....

Balance on completion.....
TOTAL COST, \$2316

Bond, \$1158. Surety, H. B. Stearnes,
 Limit, as soon as possible. Forfeit,
 none. Plans and specifications filed.

(4609) LAY AND FINISH HARDWOOD
 floors on above.

Contractor...Hardwood Interior Co., 554
 Bryant, San Francisco.

Filed Dec. 29, '13. Dated Dec. 26, '13.
 Payments same as above.....

TOTAL COST, \$4700

Bond, \$2350. Sureties, Lee Rubens and
 Herbert S. Meyer. Limit, 40 days. Forfeit,
 none. Plans and specifications
 filed.

(4610) SW SUTTER AND POWELL
 General work of fitting up of Forum
 Club on 1st and 2nd floors of building
 known as Press Club.

Owner.....The York Realty Co., Cpn.
 Architect...Frederick H. Meyer, Bankers'
 Invest. Bldg., S. F.

Contractor...Val Franz, 180 Jessie, S. F.
 Filed Dec. 29, '13. Dated Dec. 26, '13.

On 1st of each month 75% of value
 of labor performed and material
 furnished.....

Usual 35 days..... 25%
TOTAL COST, \$7360

Bond, \$3650. Sureties, Fred P. Fischer
 and Wm. Chatham. Limit, 60 days.
 Forfeit, none. Plans and specifications
 filed.

(4611) E SEVENTEENTH AVE 25 N
 Anza. Two-story and basement
 frame residence.

Owner.....J. C. Kirby, 2152A Market,
 San Francisco.

Architect...None.
 Day's work..... **COST, \$2000**

(4612) E SEVENTEENTH AVE 50 N
 Anza. Two-story and basement
 frame residence.

Owner.....J. C. Kirby, 2152A Market,
 San Francisco.

Architect...None.
 Day's work..... **COST, \$2000**

(4613) SW FILLMORE & LOMBARD.

Repair saloon.
 Owner.....John W. Rose, 1657 New-
 combe, San Francisco.

Architect...None.
 Contractor...W. A. Burdick, 515 Anza,
 San Francisco.

COST, \$10

(4614) E TREAT 100 N 20th. Erect
 office and repair roof.

Owner.....Tacoma Bottling Co., Prem
 Architect...None

Day's work..... **COST, \$500**

(4615) NO. 111 O'FAIRRELL. Repairs
 and changes in restaurant.

Owner.....Starr Bros., Crocker Bldg
 San Francisco.

Architect...None.
 Contractor...J. Sarantidis, 1715 Geary,
 San Francisco

COST, \$600

(4616) NE BUSH & KEARNY. Re-
 pair saloon.

Owner.....F. A. Hihn Estate, Santa
 Cruz, Cal.

Architect...None.
 Contractor...R. R. Bixley, 10 East,
 San Francisco.

COST, \$300

(4617) W ELEVENTH AVE 50 S Anza.
 Two-story and basement frame resi-
 dence.

Owner.....A. T. Morris, 616 9th Ave.,
 San Francisco.

Architect...None.
 Day's work..... **COST, \$2100**

(4618) E JENNINGS 50 N Key. One-
 story and basement frame dwlg.

Owner.....T. Sciochetti, 3315 Jen-
 nings, San Francisco.

Architect...None.
 Day's work..... **COST, \$1000**

(4619) NO. 1146 SUTTER. Repair
 store.

Owner.....Mrs. Mary McDonald, 2472
 Union, San Francisco.

Architect...None.
 Contractor...Chas. E. Urfer, 2650 Post,
 San Francisco.

COST, \$850

(4620) NO. 41 PERALTA. Grade lot
 and move store and flat.

Owner.....Wm. Pomroy, Premises.
 Architect...None.

Day's work..... **COST, \$700**

(4621) E FIFTH AVE 25 S Cabrillo.
 One and one-half-story and basement
 frame residence.

Owner.....Leon E. Prescott, 306 Russ
 Bldg., San Francisco.

Architect...None.
 Contractor...MacArthur Bros., 1560
 Fell, San Francisco.

COST, \$2000

(4622) E FIFTH AVE 50 S Cabrillo.
 One and one-half-story and base-
 ment frame residence

Owner.....Leon E. Prescott, 306 Russ
 Bldg., San Francisco.

Architect...None.
 Contractor...MacArthur Bros., 1560
 Fell, San Francisco.

COST, \$2000

(4623) SW THIRD 125 NW Harrison
 NW 50xSW 50. All work for three-
 story brick building.

Owner.....B. and M. Cianciarulo.
 Architect...A. W. Smith, 1010 Broad-
 way, Oakland.

Contractor...S. Saari

Filed Dec. 30, '13. Dated Dec. 30, '13.
 Brick walls ready to receive 2nd
 floor joists.....\$1200

Brick walls ready to receive 3rd
 floor joists..... 600

Brick walls ready for ceiling
 joists..... 1200

South store in condition to use 2800
 Plastering done and all glass in
 upper stories in place..... 2800

Completed and accepted..... 2800
 Usual 35 days..... 3915

TOTAL COST, \$15,315

Bond, none. Limit, 85 days. Forfeit,
 \$10. Plans and specifications filed.

(4624) S LAKE 82-6 E 24th Ave E 50
 xS 100 OL Blk 94. All work for two-
 story and basement frame dwelling.

Owner.....George C. Sargent, 57 Post
 San Francisco.

Architect...Albert Farr, 68 Post, S. F.
 Contractor...Fred J. H. Rickon, 1859
 Geary, San Francisco.

Filed Dec. 30, '13. Dated Dec. 22, '13.
 1st floor joists in place.....\$1000

Ready for plastering..... 1600
 Building entirely plastered..... 1300

Sash glazed, etc., plumbing fix-
 tures delivered, at least 60% of
 mill work in place..... 2000

Completed and accepted..... 2061
 36 days after..... 2654

TOTAL COST, \$10,615

Bond, \$5500. Sureties, Harry Maundrell
 and A. Fry. Limit, 120 days. Forfeit,
 \$10. Plans and specifications filed.

(1) NO. 125 MARKET. Repair front.
 Owner.....C. C. Morse, Premises.

Architect...None.
 Contractor...F. A. Brockhage, 1326 Na-
 toma, San Francisco.

COST, \$400

(2) W RHINE 100 S Blismark. One-
 story and basement frame dwelling.

Owner.....Wm. R. Rae, 25 Rhine, S. F.
 Architect...None.

Day's work..... **COST, \$1000**

(3) NO. 20 SACRAMENTO. Remove
 tile on front and plaster.

Owner.....Hemphill Estate.
 Architect...None.

Contractor...Frank M. Garden & Co.,
 251 Kearny, San Francisco.

COST, \$400

(4) NW OLIVE AVE AND LARKIN.
 Erect retaining wall.

Owner.....C. F. Buckley, Gunst Bldg.
 San Francisco.

Architect...M. J. Lyon Co., Wells
 Forge Bank Bldg., S. F.

Contractor...H. C. Cameron, Turk and
 Gough, San Francisco.

COST, \$400

(5) W TENTH 50 N Bryant. One-
 story frame storage room.

Owner.....Milwaukee Brewery, 484
 10th, San Francisco.

Architect...None.
 Contractor...F. W. Lurmann, 1134 Hyde
 San Francisco.

COST, \$1800

(62) SE CALIFORNIA AND LEIDESDORFF. Install reinforced concrete subway and finish club rooms.

Owner.....Insurance Exchange and Merchants' Exchange Club, Premises.

Architect...N. Blaisdell, 253 California San Francisco.

Day's work. COST, \$2000

(7) S ANZA 29-1 E 24th Ave. Two-story and basement frame dwelling.

Owner.....Duncan Cameron, 7535 Anza, San Francisco.

Architect...None.

Contractor...Leigh & Schultz, 230 8th Ave., San Francisco.

COST, \$2000

(8) W MISSION 105 N 30th. One-story frame nickelodeon.

Owner.....A. Eby (Lessee), 51 Chenery, San Francisco.

Architect...A. Klahn.

Contractor...A. Klahn & Son, 27 Chenery San Francisco

COST, \$2000

(9) W TWENTY-THIRD AVE 250 N Judah. Two-story and basement frame residence.

Owner.....James Lane, 260 30th, S. F.

Architect...None.

Contractor...Castello & Teerick, 93 College Ave., S. F.

COST, \$2000

(10) LOCATION NOT GIVEN. All work for five-room house.

Owner.....M. and Annie Stein, 107 Girard, San Francisco.

Architect...None.

Contractor...J. Bloom, 212 Sillman, San Francisco.

Filed Dec. 31, '13. Dated Dec. 12, '13.

When basement up.....\$300

Frame up.....400

Plastering on.....320

Completed.....200

30 days after.....200

TOTAL COST, one \$40 suit of clothes

and \$1420 in cash.

Bond, none. Limit, Jan. 15, '14. Forfeit, none. Plans and specifications filed.

(11) NO. 257 POST. Change in store.

Owner.....P. Rossi Co., Premises.

Architect...None.

Day's work. COST, \$500

(12) NO. 821 MARKET. Extend balcony.

Owner.....Marks Bros., Premises.

Architect...Bernard J. Joseph, 1st National Bank Bldg., S. F.

Day's work. COST, \$400

(13) E TWENTY-SECOND AVE 250 N Clement. Two-story and basement frame residence.

Owner.....M. F. Nolan, 228 Noe, S. F.

Architect...None.

Day's work. COST, \$2200

(14) SE CLAY AND HYDE. Install steam heating system.

Owner.....W. G. Wright, Merchants' Exchange Bldg., S. F.

Architect...None.

Contractor...Atlas Heating & Ventilating Co., 4th & Freelon, San Francisco.

COST, \$600

(15) NO. 250 STOCKTON. Alter front

Owner.....B. Mauzy, Premises

Architect...None.

Day's work. COST, \$400

(16) NO. 743 MARKET. Electric sign.

Owner.....Bush Bros., Premises.

Architect...None.

Contractor...Brumfield Elec. Sign Co., 18 7th, San Francisco.

COST, \$500

(17) W THIRTY-FIFTH AVE 28 S Balboa. Two-story and basement frame residence.

Owner.....Henry Harris, 537 Scott, San Francisco.

Architect...None.

Contractor...W. A. Savage, 1222 12th Ave., San Francisco.

COST, \$2600

(18) S O'FARRELL 60 E Beldeman E 30x8 70. All work except wall paper for three-story frame building (six apartments).

Owner.....Hattie D. Becker, 2701 Green, San Francisco.

Architect...A. Reinhold Denke.

Contractor...William Little, 753 8th Ave., San Francisco.

Filed Jan. 2, '14. Dated Dec. 31, '13.

2nd floor joists on.....\$1704

Enclosed and roof on.....1704

1st coat plaster on.....1704

Completed and accepted.....2274

Usual 35 days.....2274

TOTAL COST, \$3050

Bond, \$4545. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

(19) E FIFTH AVE 25 S "C" S 25x E 90. All work for two-story frame cottage.

Owner.....Leon E. Prescott, 206 Russ Bldg., San Francisco.

Architect...None.

Contractor...H. E. and T. W. MacArthur, 1560 Fell, S. F.

Filed Jan. 2, '14. Dated Dec. 24, '13.

Frame up.....\$600

Rough plaster on.....600

Standing finish on.....400

Completed.....200

Usual 35 days.....600

TOTAL COST, \$2400

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications, none.

(20) E FIFTH AVE 50 S "C" S 25x E 90. All work for two-story frame cottage.

Owner.....Leon E. Prescott, 206 Russ Bldg., San Francisco

Architect...None.

Contractor...MacArthur Bros., 1560 Fell San Francisco.

Filed Jan. 2, '14. Dated Dec. 24, '13.

Frame up.....\$600

Rough plaster on.....600

Standing finish on.....400

Completed.....200

Usual 35 days.....600

TOTAL COST, \$2400

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications, none.

(21) E LARKIN 42-9 N O'Farrell One-story Class "C" theatre.

Owner.....The Hind Estate, 316 California, San Francisco.

Architect...None.

Contractor...Wm. Knowles, 1201 Hearst Bldg., San Francisco.

COST, \$11,000

(22) NO. 3821 TWENTY-FOURTH.

One-story addition to laundry.

Owner.....Mrs. Balleres, Premises.

Architect...None.

Contractor...Louis Metter, 157 Albion Ave., San Francisco.

COST, \$1000

(23) N GRAFTON 100 E Golden State. Alter front.

Owner.....Geo. Smith, 422 Grafton, San Francisco.

Architect...None.

Contractor...Charles Quick, 558 Bright San Francisco.

COST, \$400

(24) W THIRTIETH AVE 100 S California. Two-story and basement frame cottage.

Owner.....M. and H. Nelson, 360 Prospect Ave. S. F.

Architect...E. Oman.

Day's work. COST, \$1800

(25) N WASHINGTON 192-6 E Mason. Three-story frame (6) apartments.

Owner.....F. A. Sutherland, 1036 Washington, S. F.

Architect...Chas. J. Rousseau, 46 Kearny, San Francisco.

Contractor...John G. Kincanon, 1676 Fulton, San Francisco.

COST, \$14,000

(26) S NINETEENTH AVE 250 N Lake. Add to and alter residence.

Owner.....M. C. Harrison, No. 2 19th Ave., San Francisco.

Architect...None.

Contractor...C. Kaiser 57 Post, S. F.

COST, \$1500

(27) S PINE 38-9 W Anne. One-story and basement brick printing office.

Owner.....E. H. Dettner, 26 Hill, S. F.

Architect...C. H. Barrett, 381 Bush, San Francisco.

Contractor...C. E. McMullin & Co., 501 Baker, San Francisco.

COST, \$3995

(28) W DOLORES 51-6 N Army. Alter two flat building into 4 apartments.

Owner.....Michael and Cella Corley, 1330 Dolores, San Francisco

Architect...E. Essmann, 3505 24th, San Francisco.

Contractor...E. Petersen, 3530 23rd, San Francisco.

COST, \$1290

(29) E EDINBURGH 125 N Persia. Two-story and basement frame dwlg.

Owner.....W. Altwater, 607 Castro, San Francisco.

Architect...O. E. Evans 2367 Mission, San Francisco.

Contractor...Carlson & Anderson, 282 Eureka, San Francisco.

COST, \$2900

(30) SW UNION, bet. Battery and Gaines. Four-story and basement brick cold storage warehouse.

Owner.....N. Ohlandt, Postal Teleg. Bldg., San Francisco.

Architect...None.

Contractor...Charles Wallace, National Ice & Cold Storage Co., San Francisco.

COST, \$50,000

(31) W HYDE 127-6 N Sutter. Four-story and basement Class "C" (8) apartments.

Owner.... I. Rosenberg, 45 Kearny,
San Francisco.
Architect... Joseph Cahen, 45 Kearny,
San Francisco.
Day's work. COST, \$25,000

(32) S BROADWAY 68-9 E Steiner E
116-2xS 127-8 1/4. Brick, concrete,
carpenter, painting, plumbing, glaz-
ing, plastering, sewerage, hardware,
roofing and stairs for four two-story
frame dwellings.

Owner..... M. Fleishacker, 233 Post,
San Francisco.

Architect... Edgar A. Mathews, 944
Phelan Bldg., S. F.

Contractor... E. T. Lelter & Son, Inc.,
363 Sheildon Bldg., S. F.

Filed Jan 3, '14. Dated Dec. 24, '13.

1/2 excavation work completed. \$ 1500

Foundation of 2 buildings com-
pleted..... 2600

Foundation of 2 other buildings
completed..... 2600

Enclosed and ready for interior
plastering..... 9640

Standing finish of all buildings
2nd stories in place..... 4000

Completed and accepted..... 10320

Usual 35 days..... 10320

TOTAL COST, \$41,280

Bond, none. Limit, 136 days. Forfeit,
none. Plans and specifications filed.

NOTE.—1 building to be erected S
Broadway about 68-9 E Steiner; one
building to be erected S Broadway
about 97-9 E Steiner; one building to
be erected S Broadway about 126-9 E
Steiner; one building to be erected
S Broadway about 155-9 E Steiner.

NOTICE OF NON-RESPONSIBILITY.

Jan. 3, 1914—SE VIENNA 200 NE
Italy Ave NE 25xSE 100 ptn Lot 3
Blk 61 Excl Hd, also known as Lot
16 Blk 61 Levy Tot. Louis Levy as
to improvements on leased property
Jan. 3, 1914—S GEARY 94-4 E 26th
Ave E 24-4xS 100. Oscar Heyman
and Bro, fmy Jacob Heyman & Co
as to improvements on leased
property

CANCELLATION OF BUILDING CONTRACT.

Jan. 2, 1914—S O'FARRELL 60 E
Beideman E 30xS 70. Releasing
contract Dated Dec. 13, '13. Hattie
D Becker with William Little....
.....Cancelled Dec. 30, 1912

ABANDONMENT OF CONTRACT.

Jan. 2, 1914—W STOCKTON 137-6 N
Sacramento W 100xN 40 (Contract
recorded Nov. 7, 1912). T J Gintje
with A Kinefing. Work ceased....
.....Dec. 6, 1913

INCORPORATIONS.

Clarabelle Realty Co. Capital Stock,
\$20,000; subscribed, \$30; shares, \$1
each. Directors—J. Rosenthal, C.
Rosenthal, S. L. Savannah, 10 shares
each. Place of business, San Francisco.
The Montezuma Improvement Co.
Capital Stock, \$25,000; subscribed, \$300
shares, \$1 each. Directors—C. D. Con-
way, J. H. Trail, R. G. Mudge, 100
shares each. Place of business, San
Francisco.

The Fleischmann Company of Cali-
fornia. Capital Stock, \$5000; subscrib-
ed, \$300; shares, \$100 each. Directors—
E. S. Heller, J. L. Robinson, J. B. White,
1 share each. Place of business, San
Francisco.

COMPLETION NOTICES.

San Francisco.

Dec. 1, 1913—NW POST AND SCOTT
N 165 W 192-6 S 55 E 55 S 110 E
137-6. Mount Zion Hospital to City
Street Imp Co, Jas B Clow & Sons,
Nov. 29; John G Sutton Co, Nov. 26;
Ickelheimer Bros Co, Nov. 24; John
G Sutton Co.....Nov. 26, 1913
Dec. 1, 1913—S SUTTER 137-6 E
Larkin E 57-6 S 110-8 E 40 S 26-10
W 97-6 N 137-6. Winslow Anderson
to Wm Schaffer.....Oct. 30, 1913
Dec. 1, 1913—E TWENTIETH AVE
275 N Clement N 26x E 120. Charles
A and Anna E Newcomb to Charles
R Hawcroft.....Nov. 24, 1913
Dec. 1, 1913—N GREENWICH 137-6 E
Jones E 22-10x 137-6. Giovanni
Battista Torre to Norio Cavaglia.....
.....Nov. 26, 1913
Dec. 1, 1913—N LOMBARD 82-6 E
Jones E 27xN 100. E Boschetti to
G Chlappe.....Nov. 23, 1913
Dec. 1, 1913—SW SECOND 100 NW
Townsend NW 50xSW 160. Moore
Inv Co to Butte Eng & Elec. Co.....
.....Nov. 22, 1913
Dec. 1, 1913—SE VAN NESS AND
Pacific Aves S 102-8 1/4x E 100. M
Krotoszyner to T W McClenahan &
Co.....Nov. 28, 1913
Dec. 1, 1913—S TWENTY-SECOND 67
E Shotwell E 23-3xS 95. J P
Mirassou to Gustave Anderson.....
.....Nov. 19, 1913
Dec. 2, 1913—S POST 162-6 W Frank-
lin W 75xS 137-6. George W Frank
(as Frank Printing Co) to Barrett
& Hilt.....Nov. 23, 1913
Dec. 2, 1913—W NINETEENTH AVE
356 N Corbitt 61-6x120. Jeanette
Yates to whom it may concern....
.....Nov. 29, 1913
Dec. 2, 1913—E TWENTY-FIRST AVE
79 S Lake 25xS2-6. Jeanette Yates
to whom it may concern.....Nov. 29, 1913
Dec. 2, 1913—S TWENTY-SECOND
90 E Valencia S 55x E 35. Howse
Bros, Inc to J M Ploeger. Dec. 2, 1913
Dec. 2, 1913—LOT 9 BLK 11 St. Francis
Wood. Westgate Park Co to
O C Holt.....Nov. 19, 1913
Dec. 2, 1913—SE BUSH & CHELSEA
Place E 39-6xS 82-6. T J Crowley
and H P Stoltenberg to Geo Haub
.....Nov. 20, 1913
Dec. 2, 1913—E THIRTEENTH AVE
100 N Kirkham N 25x E 120. Jno
Bjorkman and Oscar Swanson to
whom it may concern.....Dec. 1, 1913
Dec. 3, 1913—S SUTTER 164-6 E Tay-
lor E 60-9xS 137-6. Trowbridge &
Perkins to H Maundrell, Nov 26, '13
Larsen & Larsen.....Nov. 26, 1913
Dec. 3, 1913—NW SCOTT AND POST
N 165 W 192-6 S 55 E 55 S 110 E
137-6. Mount Zion Hospital to
Atlas Heating & Ventilating Co.....
.....Nov. 26, 1913
Dec. 3, 1913—E POTRERO AVE 150
N 25th N 25x E 100. Theodore E
Steiner to Jacob F Nielsen. Dec. 1, 13
Dec. 3, 1913—E HYDE 68-9 S Filbert
S 26-10x E 68-9. Henry C Fausmann
to Paul De Martini.....Dec. 2, 1913
Dec. 3, 1913—S CALIFORNIA 87-6 W
Davis W 50xS 137-6. John A Gren-
nan to J H Hjul.....Completed
Dec. 3, 1913—NE WASHINGTON &
Octavia W 137-6 N 127-8 1/4 W 127-8
S 127-8 1/4. A B Spreckels to Ver-
mont Marble Co.....Nov. 23, 1913
Dec. 3, 1913—E MASON 137-6 N O'Far-

rell N 32-6 E 17-6 S 50-10 1/2 W 66
— 77-6. Wm F Wilson Estate to I
Kissel.....Nov. 23, 1913
Dec. 3, 1913—E MASON 137-6 N
O'Farrell N 32-6 E 137-6 S 50-10 1/2
W 60 — 77-6. Wm F Wilson Estate
to Central Elec Co.....Dec. 3, 1913
Dec. 3, 1913—NW JACKSON AND
Drummi N 50xW 60. Thos W
Butcher to Harry Maundrell.....
.....Dec. 2, 1913
Dec. 3, 1913—S SUTTER 164-6 E
Taylor E 60-9xS 137-6. W F
Perkins and H O Trowbridge to
John G Sutton.....Nov. 23, 1913
Dec. 4, 1913—N NINETEENTH 185 W
Church W 25xN 114. Mary T Ren-
ault to Bell & Rowland. Nov. 7, 1913
Dec. 4, 1913—W BUCHANAN 112-6 S
Waller 25x117. Mary J McLeod to
J J Heaphy.....Dec. 1, 1913
Dec. 4, 1913—NW GEARY AND VAN
Ness Ave N 275xW 157-6. Van Ness
Realty Co to Pacific Floor Siding
Co.....Nov. 20, 1913
Dec. 4, 1913—E STOCKTON 50 S
Sutter E 80xS 40-8 1/4. Sierra Inv
Co to Gus N Daniels.....Dec. 4, 1913
Dec. 4, 1913—N VALLEJO 81-3 W
Octavia W 27xN 123. John V Leon-
ard and Celia S Leonard to whom
it may concern.....Dec. 4, 1913
Dec. 4, 1913—NE EIGHTEENTH AND
Guerrero N 27x E 32. Eisenbach Co
to A Dahlberg.....Dec. 3, 1913
Dec. 4, 1913—N HOWARD 375 E 5th
N 80 W 100 N 80 E 125 S 160 W 25.
Boyd Inv Co to Brandon & Lawton
.....Dec. 3, 1913
Dec. 5, 1913—SW TWENTIETH AVE
and Lake W 43-6xS 104. J W
Leavitt to Thos Elm & Son.....
.....Dec. 5, 1913
Dec. 6, 1913—N OTSEGO AVE 200 S
Santa Ysabel S 25xW 125. A
Wesendunk to whom it may con-
cern.....Dec. 5, 1913
Dec. 5, 1913—S ROSE AVE 110 E
Gough E 27-6 S to NW Market SW
to a pt caused by intersection of
line at ra to Rose Ave at pt of beg
with NW Market N to S. Rose
Bruce Cornwall to Gus V Daniels.
Nov. 28; Frank M Garden & Frank
B Peake, co-partners.....Nov. 28, 1913
Dec. 5, 1913—E COMMONWEALTH
Ave 200 S California S 33-4x E 120.
William H Cobb to J C Warner &
Sons.....Dec. 3, 1913
Dec. 6, 1913—W NINTH AVE 150 S
Cabrillo S 50xW 120. Chas A Rush-
ton to whom it may concern.....
.....Dec. 4, 1913
Dec. 6, 1913—E MASON 137-6 N
O'Farrell N 32-6 E 137-6 S 50-10 1/2
W 60 — 77-6. Wm F Wilson Est
to C J Hildard Co.....Dec. 6, 1913
Dec. 6, 1913—N WASHINGTON 148-9
W Presidio Ave W 32xN 127-8 1/4.
Mrs Andrew A Jacobs to H W
Arnold.....Dec. 6, 1913
Dec. 6, 1913—SE MINNA 66 SW Rusia
SW 25x7 1/2. Norman A Elsner to
John Hayes.....Dec. 5, 1913
Dec. 6, 1913—E MASON 137-6 N
Dec. 8, 1913—W TWENTY-SIXTH
Ave 100 N 24th Ave N 25 W 120 S 25
E 120. Jacob H Thorup to whom it
may concern.....Dec. 6, 1913
Dec. 8, 1913—SW EIGHTEENTH AND
Lexington Ave W 30xS 55. E
Prat to Louis Metter.....Dec. 6, 1913
Dec. 8, 1913—NW CEDAR AVE AND
Octavia N 23xW 77-6. Luigi Solari
to R Fahy.....Dec. 6, 1913
Dec. 6, 1913—E JORDAN AVE 132-3 1/2



WEST ELEVATION NEW CITY HALL BUILDING
San Francisco

Bakewell & Brown, Architects
San Francisco

Building and Industrial News
January 7, 1914

PLATE A



EAST ELEVATION OF NEW CITY HALL BUILDING
San Francisco

Bakewell & Brown, Architects
San Francisco

Building and Industrial News
January 7, 1914

PLATE B

- S California S 33-4x E 120. Rearden T Lyons to L C Woodbridge Dec. 3, '13
- Dec. 8, 1913—SE HOWARD 100 SW 8th SE parallel with 8th 160-11 NW 60 SW 34 NW 25 SW 65 NW 85 —100. Richard I Whelan to Henry Jacks.....Dec. 6, 1913
- Dec. 7, 1913—NW TEHAMA 111 SW 8th NW 50xSW 34. Richard I Whelan to Henry Jacks.....Dec. 6, 1913
- Dec. 8, 1913—W STOCKTON 75 N Washington N 67-6xW 105. The A P Giannini Co to Frank Rolandi.....Dec. 6, 1913
- Dec. 8, 1913—N ELLIS 137-6 E Leavenworth E 40 N 120 W 20 S 60 W 20 S 60. Frank J Kilham to N P Anderson.....Dec. 5, 1913
- Dec. 8, 1913—E MASON 137-6 N O'Farrell N 32-6 E 137-6 S 50-10% W 60 —77-6. Wm F Wilson Estate to Kiernan & O'Brien.....Dec. 5, 1913
- Dec. 8, 1913—E PATTON 180 N Highland (Plymouth) Ave E 100 N 19 m or 1 W 108-3 S 26 ptn Lots 5 43 Blk 2, Holly Park. Mercy J & Chas E Hills to Jacob Witzelsberger.....Dec. 8, 1913
- Dec. 8, 1913—FILLMORE NO. 537, bet Oak and Fell. Margaret Hannon Thorne to Ellingson & Holt.....Dec. 8, 1913
- Dec. 8, 1913—LOT 14 BLK 4, Crocker Amazon Tract. Arthur G Duncan to L L Allen.....Dec. 8, 1913
- Dec. 8, 1913—SW OAK AND DEVIDADERO S 50xW 90. Richey Riddell to W H Bagge.....Dec. 8, 1913
- Dec. 9, 1913—N GEARY 112-6 W Jones W 25xN 137-6. Florentina and Wm Wankowski to Mutual Constr Co.....Dec. 1, 1913
- Dec. 9, 1913—W TWENTY-SIXTH Ave 100 N California N 25xW 120. Jacob H Thorup to whom it may concern.....Dec. 6, 1913
- Dec. 9, 1913—S IRVING 95 E 9th Ave E 25xS 100. Henri Leste to Jacques Narbeury.....Dec. 8, 1913
- Dec. 9, 1913—SE BATTERY AND Halleck S 34-6x E 77-6. Isaac Kohn to J J Connolly & Son.....Dec. 8, 1913
- Dec. 9, 1913—NE GOLDEN GATE Ave and Hyde N 92-9 E 82-6 S 24 W 48 S 69-9 W 34-6. James H Garrett to F L Hansen.....Dec. 4, 1913
- Dec. 9, 1913—E POWELL 37-6 N Jackson N 40x E 57-6. J A MacKenzie to H J Perazzi.....Dec. 6, 1913
- Dec. 10, 1913—S UNION 55 E Taylor E 27-6xS 100. Matteo Brocato & Bros to Frank C Amoroso.....Dec. 9, 1913
- Dec. 10, 1913—SE BATTERY AND Halleck S 34-6x E 77-6. Isaac Kohn to H L Petersen (as The S F Artificial Stone Paving Co) Dec. 9, '13
- Dec. 10, 1913—SW EAST & OREGON (if extended) W 74 m or 1 N 30 m or 1 E 53-4 n. or 1 SE 37 m or 1 ptn Blk "E" of 50 vara. Waterfront Realty Co to Z Narbeury.....Dec. 10, 1913
- Dec. 10, 1913—LOT 12 BLK "A" Mission Terrace. Raymond H Banning and Ernest Leo Garcia and James E Stewart to whom it may concern.....Dec. 5, 1913
- Dec. 10, 1913—E NINTH AVE 25 S Ortega S 75x E 95. Guerrero Realty Co to Emil Nelson.....Dec. 10, 1913
- Dec. 10, 1913—E CASTRO 35 S 19th S 25x E 83. Benedict & Theresia Steinauer to John Carlson & Edwin Anderson.....Dec. 9, 1913
- Dec. 11, 1913—E FIFTH AVE 300 N Geary N 25x E 120. Manuel C and Clara E Garcia to W E Grant.....Dec. 11, 1913
- Dec. 11, 1913—PINE NO. 1617. M A Moldenhauer to Chas Wright.....Dec. 11, 1913
- Dec. 11, 1913—W SCOTT 97-8 1/2 S Sacramento S 30xW 112-6. Henry A Jacobs to Peterson-James Co. Dec 10; J W Cobby.....Dec. 11, 1913
- Dec. 12, 1913—W UTAH 91-6 N 15th N 48xW 100. Tamm & Nolan Co to Stanquist & Forbes.....Dec. 9, 1913
- Dec. 12, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co to Healy Tibbitts Constr Co, Oct 6; The Turner Co Dec. 11, 1913
- Dec. 12, 1913—S ROSE AVE 130 E Gough E 27-6 S to NW Market SW to a pt caused by intersection of a line drawn at r to Rose Ave at a pt of beg with NW Market N to S Rose Ave and pt of beg. Bruce Cornwall to H A Chalmers. Dec 11; Otis Elevator Co.....Dec. 10, 1913
- Dec. 12, 1913—COM 168 W TAYLOR and 60 S Pacific S 77-6 W 110 N 30 W 5-6 N 47-6 E 115-6. Theodore Gibson to whom it may concern.....Dec. 11, 1913
- Dec. 12, 1913—LOT 10 BLK "X" of Park Lane Tract No. 3. David and Lucy Caen to Jacob F Nielsen.....Dec. 4, 1913
- Dec. 12, 1913—W KEARNY 97-6 N Union N 37-6xW 60. Paolo and Giuseppe Tufo to F C Amoroso.....Dec. 11, 1913
- Dec. 12, 1913—SE MARKET 43 SW Noe SW 62-2 1/2 S 88-4 E 80 N 42-9 1/2 W 32-8 S 86-0 1/2. Wm and Elias Nasser to Higginson Co.....Dec. 10, 1913
- Dec. 15, 1913—S TURK 27-6 E Polk 30x85. Theodore Belegenberg to J G Kincanon.....Dec. 15, 1913
- Dec. 15, 1913—W FOURTH 78 S Minna S 34-4 1/2x137-6. Boyd Invest Co to A W Bryant.....Dec. 1, 1913
- Dec. 13, 1913—W KEARNY 36 N California N 30xW 50-5. Lachman Bros. (Gustave and Edward) to C E McMullin & Co.....Dec. 3, 1913
- Dec. 13, 1913—S CLAY 54-9 E Stockton E 52-9 1/2xS 75-6. Jos B. Adrien, Enalie and Marie Bauchou to B C Van Emon. Dec 11; John G Sutton Co. Dec. 11; Wm Little.....Dec. 11, 1913
- Dec. 13, 1913—N IRVING 120 W 7th Ave W 25xN 100. Jens P Nissum to Isaac Penny.....Dec. 11, 1913
- Dec. 13, 1913—NW NOREIGA AND Great Highway E 192-8 N 100 W 100 S 60 W 95-2 1/2 S 50-0 1/2. G P Spotorno to Howard S Williams.....Dec. 4, 1913
- Dec. 13, 1913—W EIGHTH AVE 175 S Cabrillo S 25xN 120. J J Brushser to John V Stiefel.....Dec. 10, 1913
- Dec. 13, 1913—S FILBERT 179-8 1/2 E Gough E 27xS 137-6. V and G Rege to Montani & Stefani.....Dec. 12, 1913
- Dec. 13, 1913—N BUSH 236-11 W Mason W 32-8xN 137-6. Julia Cronan to E C Curtis and Otis Elevator Co.....Dec. 12, 1913
- Dec. 15, 1913—COMG AT INTR of line drawn parallel with E Belvedere being drawn N from a point on Carmel at pt 160 E Belvedere with a line drawn parallel with N Carmel being drawn E from a pt on Belvedere 75-10 N Carmel N 25-0 1/2 parallel with Belvedere. E parallel with Carmel 122-1 1/2 m or 1 to W Clayton (Ashbury) S 26-9 W 126-4 m or 1. Joseph L and Elizabeth Taaffe to Gillogley & Sons.....Dec. 11, 1913
- Dec. 16, 1913—S MANGLES AVE 175 W Baden W 75xS 100 Lot 34 Blk 40, Sunnyside. Rasmus Carlson to whom it may concern.....Dec. 12, 1913
- Dec. 16, 1913—N SILVER AVE bet Mission and Craut Lot 11 Blk 4, College Hld. Ass'n. E Callegari to New Era Bldg Co, Inc.....Dec. 13, 1913
- Dec. 16, 1913—S ELIZABETH 47-6 W Castro W 22-6xS 70. Tina Hinkel to whom it may concern.....Dec. 15, 1913
- Dec. 16, 1913—E MASON 137-6 N O'Farrell N 32-6 E 137-6 S 50-10% W 60 —77-6. Wm F Wilson Estate to W P Fuller Co.....Dec. 15, 1913
- Dec. 16, 1913—S PINE 112-6 E Leavenworth E 28xS 137-6. William H and David F Kelly to Higginson & Co.....Dec. 10, 1913
- Dec. 16, 1913—N HOWARD 375 E 8th N 50 W 100 N 80 E 125 S 160 W 25. Boyd Invest Co to A W Bryant.....Dec. 15, 1913
- Dec. 17, 1913—NO. 760 MARKET AND 35 O'Farrell. Gore Cor. Market. O'Farrell and Grant Ave. Jas D Phelan to Wm H Tessier.....Dec. 16, '13
- Dec. 17, 1913—W DEVISADERO 52-6 S Filbert W 112-6xS 30. Rose Thompson Ogle to Jas F Fletcher.....Nov. 29, 1913
- Dec. 17, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co to D J and T Sullivan.....Dec. 13, 1913
- Dec. 17, 1913—E HYDE 97-6 N Filbert N 40x E 59-1 1/2. Herbert E Rose to Fidelity Constr Co.....Dec. 17, 1913
- Dec. 17, 1913—W MASON 77-6 S Broadway S 40xW 137-6. Sarah Picard to W G Hind and A E Hind (as Fidelity Constr Co) Dec. 16, 1913
- Dec. 17, 1913—S POST 60-10 1/2 E Polk E 19-7 1/2xS 120. City Electric Co to I D Bluxome (as Bluxome & Co).....Dec. 13, 1913
- Dec. 17, 1913—LORETT 13, 15, 17 BLK 18 of the C S Alred Sub of Biks 17 and 18 West End Map. 1. C S Alred to whom it may concern. Dec. 13, 1913
- Dec. 17, 1913—E TWELFTH AVE 25 S Anza S 25x E 100. Alfred T Morris to whom it may concern.....Dec. 15, 1913
- Dec. 17, 1913—N TWENTY-FIFTH 142-6 E Church E 25x114. J S Purcell to whom it may concern.....Dec. 12, 1913
- Dec. 17, 1913—NW POST AND SCOTT N 165 W 192-6 S 55 E 55 S 110 E 137-6. Mt. Zion Foundation to John C Iis & Co.....Dec. 15, 1913
- Dec. 17, 1913—SE PINE & POWELL E 68-6xS 60. California Plate & Window Glass Co vs John H Bohlig and George H Stoffels.....1203.95
- Dec. 17, 1913—N NINETEENTH 175 E Sanchez E 25xN 114 (re-recorded) A Davis vs Jos Herb, Linda E Herb and S Malmberg.....1203.95
- Dec. 17, 1913—S MINERVA 276 E Plymouth Ave S 125x E 60; ptn Lot 2 Blk "Q" R R Hld The Greater City Lumber Co vs Henry C Taylor and David Galloway.....\$577.20
- Dec. 17, 1913—N SACRAMENTO 100 W Larkin W 57-6xN 127-6. Russell Hinton vs N G Franz, A and Ben D Harris.....164
- Dec. 18, 1913—SW DEVISADERO & Oak W 90xS 50. Sam Zion vs W H Bagge and Richey Riddell.....\$166
- Dec. 18, 1913—SW VAN NESS AVE &

California W 134xS 60. C Jorgensen & Co vs Northern Constr Co and Albert Abramson.....\$30
Dec. 19, 1913—SW NINTH 75 SE Harriesz SW 100xSE 75. T W Simmla & Co, \$75; L A Norris, \$2700; Kilgerman & Brehn, \$111; Olsen-Mahony Lumber Co, \$1089.20; Wilson Elec Co, \$96.36; I Zimmerman, \$260; Schwartz & Gottlieb, \$630; A Knowles and R Rodgers, \$200; Grannell Hardware Co, \$49.40; Western Asbestos Magnesia Co, \$250; Enterprise Foundry Co, \$76; Bay Development Co, \$360
va Richard I Wheelan, M Clark and H Ludwig (as Clark & Ludwig).....
Dec. 20, 1913—W TWENTY-FIRST Ave 40 N Geary N 25xW 70. Bridget and Mike Norton to Leigh & Schultz.....Dec. 16, 1913
Dec. 29, 1913—W STANFORD 164-3 S Brannan, Crane Co to W A Goerlicke.....Dec. 18, 1.
Dec. 19, 1913—E TWENTY-SIXTH Ave 75 N Irving 25x95. Ralph J Button to whom it may concern.....Dec. 20, 1913
Dec. 20, 1913—E TWENTY-SIXTH Ave 50 N Irving 25x95. Ralph J Button to whom it may concern.....Dec. 20, 1913
Dec. 20, 1913—E DIAMOND 51-6 S Duncan S 25xE 105. James D and Annie T Reid to whom it may concern.....Dec. 18, 1913
Dec. 20, 1913—SW KEARNY AND Sutter. Eyre Invest Co to Frank M Garden & Co.....Dec. 19, 1913
Dec. 20, 1913—W POTRERO AVE 195 S 21st 25x100. James Simpson to J H Verner.....Dec. 18, 1913
Dec. 22, 1913—SW CLAY & Davis S 47xW 55. Mrs C J Deming to Wilson & Christensen.....Dec. 18, 1913
Dec. 22, 1913—S SUTTER 163-6 W Webster W 25xS 137-6. Mrs Mattie Feeley to J Eric Jonanson.....Dec. 2, 1913
Dec. 22, 1913—N NINETEENTH 105 E Guerrero E 155xN 260 Dairy Delivery Co to Matthews Oravity Carrier Co.....Dec. 20, 1913
Dec. 22, 1913—SE SHRADER AND Rivoli Ave. Mr and Mrs Patrick and Nora Keane to J C Dowlin.....Dec. 20, 1913
Dec. 23, 1913—NW POST & TAYLOR W 60xN 30. B Hersh and B Heskings to Camp & Carrillon, Munster & Bornholdt, Frank J Kilmm, Wm H Kirsten, John G Sutton Co and C R Stern.....Dec. 17, 1913
Dec. 23, 1913—E THIRTEENTH AVE 109 N Clement E 120xN 25. Chas Hansel to whom it may concern.....Dec. 22, 1913
Dec. 23, 1913—LOT 18 BLK "H" Mission Street Land Co. Homestead Realty Co to William H Grahn.....Dec. 22, 1913
Dec. 23, 1913—E NINETEENTH AVE 55 N Lake E 57-6xN 43. H A Buck to Bowers & Fann.....Dec. 20, 1913
Dec. 23, 1913—S SUTTER 164-6 E Taylor E 60-9xS 137-6. W F Perkins and H O Trowbridge to H L Petersen.....Dec. 15, 1913
Dec. 23, 1913—SW ELEVENTH 200 SE Folson SE 76 SW 65 NW 76 NE 75. Alice D McAllister to Segurion Bros.....Dec. 18, 1913
Dec. 23, 1913—NE PACIFIC AVE & Broderick 137-6 on Pacific Ave and 265-24; deep extg to S Broadway. E S Pillsbury to Campbell Bros.....Dec. 13, 1913

Dec. 24, 1913—SW SACRAMENTO & Devisadero W 110xS 26-7. Jungblut Estate Co to Adolph Henning. Dec. 10; Shepard Bros.....Dec. 10, 1913
Dec. 24, 1913—N CAPISTRANO AVE 441.58 E San Jose Ave 25x136 (irregular). Joseph and (wife) T Michel to Banning & Stewart.....Dec. 23, 1913
Dec. 24, 1913—SE TWENTY-Fourth Ave and Clement S 100xS 20. Mrs Anna R Wissmann to whom it may concern.....Dec. 19, 1913
Dec. 24, 1913—E MASON 137-6 N O'Farrell N 32-6 E 137-6 S 50-10x W 60—77-6. Wm F Wilson Estate to H L Petersen.....Dec. 15, 1913
Dec. 24, 1913—W TRENTON 112-6 N Jackson N 25x57. Maurice Salomon and Arthur Gosliner to Vito Yadaia.....Dec. 24, 1913
Dec. 24, 1913—N WASHINGTON 261-3x E Kearny N 112 NE 14 SE 156-34 W 110-4x. Elsie A Drexler to Macdonald & Kahn.....Dec. 24, 1913
Dec. 24, 1913—S HAIGHT 199-9 W Steiner W 31-6x137-6. Wm Rayhill to Frank Lobb.....Nov. 10, 1913
Dec. 26, 1913—NW NATOMA 76-2 SW Mary—28-2 NE 80 SE 28-2 SW 80. Foster & Orenar Co to McGowan & Butler.....Dec. 16, 1913
Dec. 26, 1913—SE CALIFORNIA AND Leidesdorff fronting N on California and at rear end 107-6 extg on E and W sides 127-6. The Insurance Exchange to Parcels Safe Co.....Dec. 26, 1913
Dec. 26, 1913—W DIAMOND 110 S 21st 25x115-9. Emil Nelson to whom it may concern.....Dec. 26, 1913
Dec. 26, 1913—LOT 67 Corona Heights Nestor Mattson to whom it may concern.....Dec. 15, 1913
Dec. 27, 1913—E MASON 137-6 N O'Farrell N 32-6 E 137-6 S 50-10x W 60—77-6. Wm F Wilson Est to Brittain & Co.....Dec. 2, 1913
Dec. 27, 1913—SV GOLDEN GATE Ave (Tyler) and Taylor W 152-6 S 54-1xW m or l SE on a course at r a with Market 46-5x m or l to NW Market at a pt 154-5x SW fm instr of Market and W Taylor NE 154-5x N 1-6x m or l. San Christians Invest Co, 1/2; Claus A Spreckels, and Rudolph Spreckels, trustees, 1-6, Claus A Spreckels & Rudolph Spreckels, 1-6 to Stranahan & Son. Dec. 23; Matthes & Griffith. Dec. 24; Butte Eng & Elec Co. Dec. 24, 1913
Dec. 27, 1913—S STEVENSON 467-6 W 7th W 28-9—75 S 28-9 N 75. Hinton Publishing Co to J E O'Mara.....Dec. 19, 1913
Dec. 27, 1913—S POST 157-6 W Jones W 77-6xS 137-6. D Samuels Realty Co to J D Hannah. Dec. 19, '13
Dec. 29, 1913—E NINETEENTH AVE 150 S Cabrillo S 25xE 120. Ernst Hirsch to whom it may concern.....Dec. 27, 1913
Dec. 29, 1913—E MASON 137-6 N O'Farrell N 32-6 E 137-6 S 50-10x W 60—77-6. Wm F Wilson Estate to Van Emon Elev Co.....Nov. 24, 1913
Dec. 30, 1913—S CLEMENT 32-6 E 17th Ave 25x75. Charles Penez to Wm H Daniel.....Dec. 30, 1913
Dec. 30, 1913—NW LOMBARD AND Octavia W 31-2xN 82-6. Gustave Lachman and H H Seiler to J S Malloch.....Dec. 27, 1913
Dec. 30, 1913—N UNION 96-9 E Scott E 30xN 137-6. Angelo J Rossi to Howard S Williams.....Dec. 22, 1913

Dec. 30, 1913—W ROUSSEAN 200 S Bosworth S 25xW 100 Blk 7 De Boom Tract. Hefferman & Swift to whom it may concern.....Dec. 29, 1913
Dec. 30, 1913—S ORRAGON 160-1xS m or l Wm F Drumm N 18 W 20 N 12 E 32 m or l S 30 m or l to S Oregon produced, W 12 m or l. Waterfront Realty Co. Lessees to H W Arnold.....Dec. 29, 1913
Dec. 30, 1913—N UNION 195 W Hyde W 25xN 60. Harriet Mason to E J Montgomery.....Dec. 24, 1913
Dec. 30, 1913—NW BUSHASANSOME N 137-6xW 67-6. Standard Oil Co to Lamson Co.....Dec. 27, 1913
Dec. 30, 1913—N GOLDEN GATE AV 62-6 W Central Ave W 25xN 110. Edna A Gallagher fmyly Walsh to John Burns & A Davis.....Dec. 26, '13
Dec. 31, 1913—N JACKSON 174 E Front E 45 N 60 W 20 N 60 W 25 S 120. S Nathan to Peterson & Persson.....Dec. 29, 1913
Dec. 31, 1913—COM 26-6x from Intr N Market and W Front th 92-3 along W Front W 137-6 S 92-8 E 137-6. A B Spreckels to Frasier & Frasier.....Dec. 29, 1913
Dec. 31, 1913—W FILLMORE 28 1/2 Sacramento W 90-6 S 28 E 90-6 N 28. Sewell Dolliver to M V Brady.....Dec. 29, 1913
Dec. 31, 1913—N FILBERT 191-6 W Devisadero W 27x137-6. Sarah F & Thos R Edwards to Thos Scooble.....Dec. 30, 1913

LIENS FILED

San Francisco.

Dec. 26, 1913—S GREEN 143-4 W Larkin W 32-6 S 121-6 E 32-5x N 121-6 m or l. H J Hughes vs Annie Bowdich and Christiansen & Smith.....\$78.50
Dec. 26, 1913—S GREEN 143-7 W Larkin W 32-5x S 121-6x 1/2. Schwarz & Gottlieb vs Annie Bowdich & Christiansen & Smith.....\$220.50
Dec. 26, 1913—S GREEN 143-4 W Larkin W 32-5xS 121-6. New Era Marble & Concrete Co, \$679.90; Rehphart Lumber & Planing Mill Co, \$595.57 vs Annie Bowdich and Christiansen & Smith.....\$1064.40
Dec. 26, 1913—NE BUSH & GRANT Ave E 60xN 77-6. Columbia Lumber Co vs William Van Herick and Louis Freidman.....\$2148.42
Dec. 26, 1913—S GREEN 143-4 W Larkin W 32-5xS 121-6. Macdonald Lumber Co vs Annie Bowdich and Christiansen & Smith.....\$1064.40
Dec. 26, 1913—S GREEN 143-4 W Larkin W 32-5xS 121-6. Chas Rutherford vs Annie Bowdich and Christiansen & Smith.....\$40
Dec. 27, 1913—E POWELL 37-6 N Jackson N 40-2x E 67-6. J A Kruse vs J A MacKenzie and C A Jeffers and T Loncona (as Latin Constr Co).....\$118.93
Dec. 27, 1913—E POWELL 37-6 N Jackson N 40x E 57-6. Olson Mahony Lumber Co vs Jeffers & Loncono and J A Mackenzie.....\$441.20
Dec. 29, 1913—SE POWELL & PINE S 60xE 68-6. Frank J Ploch vs George H Stoffels and Jno H Bohlig.....\$1066.85
Dec. 29, 1913—W STOCKTON 75 N Washington N 67-6xW 105. Sibley Grading & Teaming Co vs Mollath Bros and The A P Giannini Co.....\$175.75

Dec. 30, 1913—**LOTS 3' AND 32 BLK 4** Castro Street Addition, on Van Buren Street between Sussex and Surrey. Gas & Elec Appl Co vs A S Crawford\$56

Dec. 30, 1913—**SE PINE & POWELL** 68-6x60. Van Arsdale-Harris Lumber Co. \$300.50; White Bros. \$308.30; J Behm & Co. \$386 vs Geo H Stoffels & John H Bollig.....\$350

Dec. 30, 1913—**E HYDE** 97-6 N Filbert N 40X8 E 9-1½. Fraser & McDonald vs Herbert E Rose.....\$200

Dec. 31, 1913—**SW OAK AND DE-** visadero. The Beach Elec Co vs Riehey Riddell and W H Bagge.....\$168

Dec. 31, 1913—**SE POWELL & PINE** S 60X8 68-6. A E Hornlein vs J H Bollig and Hadlik & Thayer.....\$350

Dec. 31, 1913—**SE PINE & POWELL** 68-6x60. Brittain & Co vs Geo H Stoffels and John H Bollig.....\$134.25

Dec. 31, 1913—**SE BUSH & CHELSEA** Place E 39-6X8 82. Morris Stulsaft Co vs J J Crowley, H P Stoltenberg and George Haub.....\$66.05

Dec. 31, 1913—**SE PINE & POWELL** S 60X8 68-6. Michel & Pfeiffer, \$180; Henning & Schmid, \$595 vs John H Bollig and Geo H Stoffels

Dec. 31, 1913—**N GEARY** 112-6 W Jones V 25XN 137-6. J R Ferguson vs Wm and Florentina Wankowski and Mutual Constr Co.....\$2475.91

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE—3 story and base, frame, \$25,000. Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. The building will be erected on the east side of Lake street, and has been designed to contain a number of two, three and four room suites. Interiors will be finished in pine and elm panels with hardwood floors. There will be steam heat, vacuum cleaning system and hot water system. All apartments will have wall beds and private baths. Bath rooms will be wainscoted with tile and will have composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared and figures will be called for shortly.

APARTMENT HOUSE—3 story and base, brick and steel, \$60,000. Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Dr. Ayres. This building will be erected at the corner of 14th and Oak streets, covering a considerable ground area. Interior has been arranged for suites of two, three and four rooms. All apartments will have private bath rooms and wall beds. Plans provide for steam heat, vacuum cleaning and hot water supply. Interior finish will be of pine, elm panels and hardwood. Oak floors will be used in the halls and dining and living rooms. Bath rooms will have composition floors and tile wainscot. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are in the hands of the owner and he is now taking subfigures for the various parts of the work.

WAREHOUSE—2 story and base, brick. Cost not stated. Newark, Alameda Co., Cal. Architect, A. L. Griffin, Niles. Owners, James Graham Mfg Co., 531 Mission street, S. F. Plans for a large one-story warehouse,

which is to be erected at the company's plant at Newark, have been completed and are now out for figures. The building will have metal window sash and frames and breproof doors. No interior finish is specified. A cement floor will be used. Exterior of the structure will be faced with stock brick. Plans are complete and may be secured from either the architect at Niles or from the company's city offices at 531 Mission street.

CLUB HOUSE—2 story and base, frame and concrete, \$40,000 to \$50,000. Oakland, Cal. Architect, Edward G. Gordon, Phelan Bldg., S. F. Owners, Sequoia Country Club. A large tract of land on the Foot Hill Boulevard has been secured and plans have been ordered prepared. The intention of the owners is to have one of the finest and most modern Country Clubs on the east side of the bay. The design will probably be in the Mission style. Only preliminary studies have been made and details cannot be given at this time. Further mention will be made of the work as plans progress.

RESIDENCE—2 story and base, frame, \$4,750. Oakland, Cal. Architect, none. Owner, William H. Kerrigan, 5153 Shafter street, Oakland. The dwelling has been designed to contain seven rooms, bath and sleeping porch, and will be erected on Kemmore avenue near Wain Vista. Interior finish will be of pine and hardwood with oak floors in the living and dining rooms and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Work will be done by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$5,000. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove 2911 Telegraph avenue, Berkeley. Owner, H. E. Eveleth. The dwelling will be erected on Russell street near Piedmont, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine and hardwood. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame. Cost not stated. Piedmont, Alameda Co., Cal. Architect, William J. Wythe, Central Bank Bldg., Oakland. Owner, James R. Tallman. The house will be erected at the corner of Pacific and Hager avenues, and has been designed for a seven-room dwelling with bath and sleeping porch. Interior finish will be of pine, white enamel and hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath room will have composition floor and tile wainscot. Exterior of the house will be covered with cement plaster on metal lath.

Plans have been revised and new figures are being taken.

RESIDENCE—2 story and base, frame. Cost not stated. Piedmont, Alameda Co., Cal. Architect, William J. Wythe, Central Bank Bldg., Oakland. Owner, Arthur M. Moore. The house will be erected on Pacific avenue near Hager, and has been designed to contain seven rooms and bath. Interior will be finished in pine and hardwood veneer. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. The wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SCHOOL GRADING, CURBS AND WALKS—Cost not stated. Oakland, Cal. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Bids are now being called for on the work of grading, laying cement walks and curbs at the following schools. Bids will be opened on January 13th.

(A) For the grading, bituminous paving, cement walks, curbing and other work for the improvement of the grounds of the Claremont School, located on the easterly side of College avenue, between Shafter avenue and Birch Court.

(B) For the grading, concrete gutter, filled surfacing and other work for the improvement of the grounds of the Clawson School, located on the westerly side of Magnolia street, between 32nd and 33rd streets.

(C) For the grading, cement walks, steps, curbing and other work for the improvement of the grounds of the Cleveland School, located on the southerly side of Cleveland avenue, between Alma and Athol avenues.

(D) For the water piping, concrete steps, screened rock surfacing and other work for the improvement of the grounds of the Laurel School, located on the northerly side of Kansas street, between Edlson and Shafter avenues.

(E) For the grading, cement walks and other work for the improvement of the grounds of the McChesney School, located on the easterly side of 13th avenue, between East 27th and East 35th streets.

(F) For the grading, surfacing and other work for the improvement of the grounds of the Melrose School, located on the easterly side of 52nd avenue, between East 12th and East 14th streets.

(G) For the rough and finished plumbing and other work for a new toilet system on the grounds of the Tompkins School, located on the southerly side of 5th street, between Linden and Chestnut streets.

Bidders may submit proposals on one or more of the above enumerated classes of work, for each one of the groups named, but no bid which combines two (2) or more of the several groups in one figure will be considered.

STADIUM AND TRACK—Concrete construction, \$260,000. Oakland, Cal. Architect, Supervising Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. The

Oakland Stadium Association, organized to make a campaign for a concrete stadium and athletic field in connection with a municipal center in Peralta Park, and which was referred to the playground commission by the City Council, will need \$260,000 to complete the project, according to the figures of Geo. E. Dickie, and the tentative plans of Supervising Architect J. J. Donovan. Donovan believes that it will cost \$200,000 to construct the proper stadium, which includes a one-half mile track for trotting and pacing races, a quarter-mile athletic track, concrete grandstand and athletic field. According to Dickie's estimate it will cost \$25,000 to fill in the ground, \$23,000 for the tracks, \$10,000 for the athletic field and \$4,000 for fencing, making a total of \$260,000.

APARTMENT HOUSE—4 story and 1 1/2, brick and steel, \$75,000, Oakland, Cal. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Dr. P. A. Baird. The building will be erected at the corner of Oak and 14th streets, covering a large ground area. Interior has been arranged for a number of two, three and four room suites. Interior finish will be of pine and hardwood with oak floors in the living rooms. Plans provided for steam heat, elevator service, a hot water supply and vacuum cleaning. Bath rooms will have composition floors and tile wainscot. Marble and tile will be used in the entrance lobby and vestibule. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Building Contracts Awarded

Oakland.

No.	Owner	Contractor	Am't.
3654	Burkes	Burkes	2500
3655	Oakland Bldg	Owner	5000
3656	Baker	Bertelsen	5721
3657	Crudo	Storz	1515
3661	Anderson	Anderson	2350
3662	St. Marks	Schroeder	500
3663	Nunes	Nunes	1300
3664	Silva	Dutra	1225
3665	Struble	Struble	450
3667	Hawkins	McGregor	3500
3668	Rosseter	Thornally	4650
3669	McNutt	Corbett	400
3670	Miller	Corbett	400
3671	Plunkett	Barber	2500
3672	Robinson	United Bldgs	3200
3673	Kerregan	Kerregan	4250
3674	Booth	Allen	4798
3675	Same	Eber	3163
1	Eureka Mills	Owner	400
2	Young	Young	2000
3	Hollidge	Hollidge	2350
4	Mosbacher	Kulcharr	10000
5	Federal	Watts	5944
6	Bischoff	Bischoff	2500
7	Ellis	Van Sant	31500
8	Same	Victor	2056
9	Same	Pinkerton	2970
10	Same	Legault	400

(3654) E DESMOND \$0 S Clifton, Oakland. One and one-half-story seven-room dwelling.
Owner.....C. E. Burkes, 5117 Genoa, Oakland.
Architect...None.
Day's work. COST, \$2500

(3655) W PERKINS 500 N Van Buren, Oakland. Two-story six-room dwlg.
Owner.....Oakland Bldg. Co.
Architect...None.
Day's work. COST \$5000

(3656) E MOUNTAIN AVE, Ptn Lot 11 Bk "G" Revised Map Piedmont Park,

Piedmont. All work for two-story and basement dwelling.
Owner.....Mrs. Cleveland H. Baker.
Architect...Chas. W. McCall, Central Bank Bldg., Oakland.
Contractor...S. J. Bertelsen, 473 Newton Ave., Oakland.

Filed Dec. 27, '13. Dated Dec. 25, '13. Frame completed, roof sheathed and brick chimney built.....\$1430.00
Plumbing and electric work roughed in and brown coated 1430.00
Completed and accepted..... 1430.00
Usual 35 days..... 1431.05

TOTAL COST, \$5721.05
Bond, \$2875. Sureties, A. W. Anderson and J. A. McGowan, Limit, 80 days. Forfeit, none. Plans and specifications filed.

(3657) SE SYBLE AVE AND NE E-Fourteenth SE 60 NE 142.35 NW 52.97 SW 170.50, San Leandro. All work for one-story 4-room dwelling.
Owner.....Joseph Crudo, San Leandro
Architect...None
Contractor...Emil Storz, San Leandro.
Filed Dec. 27, '13. Dated Dec. 23, '13. Frame up 1/4
Plastered 1/4
Completed 1/4
Usual 35 days..... 1/4

TOTAL COST, \$1515
Bond, \$757.50. Surety, Fred Schmidt & Manuel Williams. Limit, 70 days after Jan. 3, 1914. Forfeit, none. Plans and specifications, none.

(3661) S AUSBON AVE 45 W Birch, Oakland. One-story 5-room dwlg.
Owner.....W. A. Anderson, 440 Laguna Ave., Oakland.
Architect...A. W. Smith, 1010 Broadway, Oakland.
Day's work. COST, \$2350

(3652) COR. TWELFTH & FRANKLIN Oakland. Alterations
Owner.....St. Marks' Hotel Co., Prem.
Architect...None.
Contractor...W. F. Schroeder, 2341 Valjejo, Oakland
COST, \$500

(3666) S FIFTY-FIFTH 75 W Dover, Oakland. One-story 4-room dwlg.
Owner.....Geo. W. Nunes, 3616 West, Oakland.
Architect...None.
Day's work. COST, \$1500

(3664) E MAGNOLIA 150 N 30th, Oakland. One-story 5-room dwlg.
Owner.....Mrs. Constance Silva, 3857 Market, Oakland.
Architect...None
Contractor...A. V. Dutra, 725 Adams St., Albany.
COST, \$1725

(3665) NO. 146 LAKE, Oakland. Shed.
Owner.....J. B. Struble, Hotel Oakland.
Architect...None.
Day's work. COST, \$450

(3667) W Monte Ave 100 fm Moraga, Piedmont. Two-story residence.
Owner.....Mrs. E. D. Hawkins, 509 Fairmont Ave., Oakland.
Architect...None.
Contractor...C. M. MacGregor, 476 13th, Oakland.
COST, \$3500

(3668) W TWENTY-SEVENTH AVE 100 N E-16th, Oakland. Two-story 7 room dwelling.

Owner.....J. Rosseter, 1613 E-16th, Oakland.
Architect...None.
Contractor...W. G. Thornally, 3027 E-16th, Oakland.
COST, \$1650

(3669) NO. 447 FOURTEENTH, Oakland. Alterations.
Owner.....McNutt & Swift, Premises
Architect...None
Contractor...Corbett & Bayliss.
COST, \$400

(3670) NO. 318 TWELFTH, Oakland. Alterations.
Owner.....F. R. Miller & Co., Prem.
Architect...None
Contractor...Corbett & Bayless, 1110 Franklin, Oakland.
COST, \$400

(3671) S FIFTY-NINTH 1000 E Brookside, Oakland. One and one-half-story 7-room dwelling.
Owner.....Wesley Plunkett, 59th and E Brookside, Oakland.
Architect...None.
Contractor...D. E. Barber, 1619 Market Oakland.
COST, \$2500

(3672) W MESA AVE 50 S Park Way, Piedmont. Two-story 6-room dwlg.
Owner.....E. B. Robinson, 4330 13th Ave., Oakland.
Architect...None.
Contractor...United Home Bldrs., 1762 Broadway, Oakland.
COST, \$3200

(3673) S KENMORE AVE 134 W Walla Vista Ave., Oakland. Two-story 7-room dwelling.
Owner.....Wm. H. Kerregan, 5135 Shafter Ave., Oakland.
Architect...None
Day's work. COST, \$4250

(3674) S TWENTY-FOURTH 215 W Telegraph Ave W 100 S 141 E 100 N 141-10. Wood work, mill work, glass and glazing, except skylights, hardware and iron work for one-story brick armory building.
Owner.....Charles S. Booth, 928 16th, Oakland.
Architect...Oliver & Thomas, Pantages Bldg., Oakland.
Contractor...F. E. Allen, 468 34th, Okd.
Filed Dec. 30, '13. Dated Dec. 17, '13.

Truss work completed..... 1/4
Roof completed 1/4
34 Completed and accepted..... 1/4
36 days after..... 1/4
TOTAL COST, \$4798
Bond, \$2399. Surety, Fidelity & Deposit Co. Limit, 70 days. Forfeit, none. Plans and specifications filed.

(3675) BRICK WORK ON ABOVE.
Contractor...J. W. Eber, 552 32nd, Okd
Filed Dec. 30, '13. Dated Dec. 19, '13.
Brick work completed.....\$1581.50
15 days 790.75
36 days after..... 790.75

TOTAL COST, \$3163.00
Bond, \$1582. Surety, Chicago Bonding & Surety Co. Limit, none. Forfeit, none. Plans and specifications filed.

(1) S E-FOURTEENTH 30 E 36th Ave Oakland. Shed.
Owner.....Eureka Mill & Lumber Co., Premises.
Architect...None.
Day's work. COST, \$400

Wednesday, January 7, 1914.

BUILDING AND INDUSTRIAL NEWS.

(2) S FIFTY-NINTH 300 W Dover, Oakland. One-story 5-room dwlg. Owner.....Jas. H. Young, 702 Alcen, Oakland.

Architect...None.
Day's work. COST, \$2000

(3) N TAFT AVE 103 E Broadway, Oakland. One-story 6-room dwlg. Owner.....Geo. H. Hollidge, 1011 Oak, Alameda.

Architect...None.
Day's work. COST, \$2350

(4) NO. 517 FOURTEENTH, Oakland. Alter store front and store fixtures. Owner.....George Moshacher, Prem. Architect...None.

Contractor...S. Kulchar, 518 4th, Okd.
COST, \$10,000

(5) E TELEGRAPH AVE AND W Broadway N 108.83 NW 36.86 S 104 SE 870, Oakland. Heating and ventilating for 12-story and basement Class "A" office building.

Owner.....Federal Realty Co.
Architect...Benj. G. McDougall, Shelton Bldg., San Francisco.
Contractor...Charles R. Watts.

Once a month.....75%
Usual 35 days.....25%
TOTAL COST, \$5941

Two bonds, \$2972 and \$2972. Surety, Globe Indemnity Co. Limit, 100 days after completion of steel frame. Forfeit, \$125. Plans and specifications filed.

(8) N HARWOOD AVE 80 E Cherry, Oakland. One and one-half-story 6-room dwelling.

Owner.....Jno. A. Bischoff, 551 Crofton Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

(9) SW TENTH AND FRANKLIN W 75x8 75, Oakland. Removal of old building, excavation, concrete work, sidewalk lights and doors, brick work, carpenter work, finishing, steel work, fire escapes, marquis, hardware, terrazzo and marble work, sheet metal and roofing work, glazing, plastering, painting and electric work for three-story brick and steel store and hotel building.

Owner.....George E. and Selena E. Ellis, Oakland.

Architect...Bakewell & Brown, 251 Kearny, San Francisco
Contractor...Van Sant Houghton Co., 503 Market, San Francisco

Filed Jan. 2, '14. Dated Dec. 29, '13.
Concrete, steel and carpenter work carried up to 2nd floor joists\$1875
Brick work completed and carpentry framing completed.....7000
Brown coated7000
Completed and accepted.....7000
Usual 35 days.....8625
TOTAL COST, \$24,500

Bond, \$17,250. Surety, American Surety Co. Limit, 130 days after Feb. 1, '14. Forfeit, between \$10 and \$20 per day. Plans and specifications filed.

(10) STEAM HEATING ON ABOVE. Contractor...Victor Eng. Co., 21 Spear, San Francisco.

Filed Jan. 2, '14. Dated Dec. 29, '13.
Roughing in completed and accepted\$771
Completed and accepted.....771
Usual 35 days.....514
TOTAL COST, \$2056

Bond, \$1028. Surety, Chicago Bonding & Surety Co. Limit, 156 days after Feb. 1, '14. Forfeit, \$5. Plans and specifications filed.

(11) PLUMBING AND SEWER WORK on above.

Contractor...Jas. H. Pinkerton.
Filed Jan. 2, '14. Dated Dec. 29, '13.

Rough plumbing completed and accepted\$1113.75
Completed and accepted.....1113.75
Usual 35 days.....742.50
TOTAL COST, \$2970.00

Bond, \$1483. Surety, Fidelity & Deposit Co. Limit, 150 days after Feb. 1, '14. Forfeit, \$5. Plans and specifications filed.

(16) NO. 680 TWENTY-FIFTH, Oakland. Alterations and additions. Owner.....Mrs. T. Winter, Premises.
Architect...None.
Contractor...O. Legault, 3136 West, Oakland.
COST, \$100

Building Contracts Awarded

Berkeley.

3658 Chase Rl Est.....Chase 650
3659 Hewitt.....Hewitt 1000
3660 Neary.....Neary 2000
3666 Sellers.....Cruickshank 3995

(3658) E BONITA AVE 50 S Hearst Ave., Berkeley. Alterations and repairs.

Owner.....F. D. Chase Real Estate & Lumber Co., 2109 Shattuck Ave., Berkeley.

Architect...None
Day's work. COST, \$650

(3659) N STEWART 240 W California, Berkeley. One-story 4-room dwlg.
Owner.....Hewitt & Davenport, 582 15th, Oakland.

Architect...None.
Day's work. COST, \$1000

(3660) S DERBY 64 E Walker, Berkeley. One-story 5-room dwelling.

Owner.....W. F. Neary, 1723 Telegraph Ave., Oakland.

Architect...None.
Day's work. COST, \$2000

(3666) NW TELEGRAPH & ASHBY Aves, Berkeley. All work for one-story auto salesroom.

Owner.....S. A. Sellers, 3023 Benvenue Berkeley.

Architect...None.
Contractor...James Cruickshank, Richmond.

Filed Dec. 29, '13. Dated Dec. 27, '13.
February 6th\$3000
Usual 35 days.....995
TOTAL COST, \$3995

Bond, none. Limit, 30 days. Forfeit, \$5. Plans and specifications filed.

Building Contracts Awarded

Alameda.

6 Delaney.....Delaney 500
7 Brand.....Rex 500
(6) NO. 1342 PARK, Alameda Repairs to theatre.

Owner.....F. N. Delaney, 2303 Central Ave., Alameda.

Architect...None.
Day's work. COST, \$500

(1) NO. 883 PARK, Alameda. Alter dwelling.

Owner.....F. Brand, 2808 24th St., San Francisco.

Architect...None.
Contractor...J. W. Rex, 3014 Central Ave., Alameda.

COST, \$500

COMPLETION NOTICES.

ALAMEDA COUNTY

Dec. 1, 1913—NW 35 LOT 1 BLK 7, Map Boulevard Park, Okd. Mrs. M. Richardson to E C Sydes. Nov. 24, 1913

Dec. 1, 1913—LOT 111 Sbdvn 30 Map Resbdvn Peralta Park, Bkly. Western Union Home Bldrs to Frank C Nye.....Nov. 29, 1913

Dec. 1, 1913—LOT 21 BLK 2 Map Sbdvn No. 1 Adams Point Ppty, Okd. M E Hennings to John Lehman.....Dec. 1, 1913

Dec. 2, 1913—N FIFTEENTH 60 E Clay E 120 N 83-9 NW 14-17 W 110 S 103-9, Okd. Robert Dalziel Co to Otto Kurtz, Dec 2; Lewis A Hicks Co.....Dec. 2, 1913

Dec. 2, 1913—E SIXTY-FIRST AVE 240 S Taylor; No. 1246 61st Ave., Okd. Loretz Peterson to W H Judson.....Nov. 26, 1913

Dec. 2, 1913—SW FORTY-SIXTH & Melrose Ave W 120x8 33, Okd. Jemima A Laing to whom it may concern.....Aug. 18, 1913

Dec. 2, 1913—PTN PLOT 18 Map Part Rancho Arroyo de la Alameda, Niles. Emily L Cliftenden to A T Spence.....Oct. 22, 1913

Dec. 3, 1913—NW TWELFTH AND Grove 50x112, Okd. Bruguiera Co to Judson Mfg Co.....Dec. 2, 1913

Dec. 2, 1913—LOT 2 BLK 6 Wheeler Tract, Bkly. Dr C L Roadhouse to Alfred Peterson.....Nov. 15, 1913

Dec. 3, 1913—LOT 8 BLK 5 Berkeley Square, Bkly. Maria Callender and Caroline C Condit to whom it may concern.....Dec. 2, 1913

Dec. 3, 1913—SV SIXTEENTH AND Clay S 60xV 100, Okd. M Friedman Realty Co to F M Maestretti and J M Younger.....Dec. 1, 1913

Dec. 4, 1913—PTN LOT 1 Map Harris & Donahue Tract, Pleasanton, Peter Kroeger to C A Bruce.....Dec. 1, 1913

Dec. 4, 1913—LOT 6 AND PTN LOT 5 Blk "F" Corrected Map Nicol Tract, Okd. Edith Dell Bush to whom it may concern.....Nov. 29, 1913

Dec. 4, 1913—W PERALTA AVE Ptn Lots 3, 4, and 5 Blk "F" Corrected Map Nicol Tract, Okd. Edith Dell Bush to whom it may concern.....Nov. 29, 1913

Dec. 4, 1913—S ENCINAL AVE 175 W Union W 44xS 140, Ala. A H Knox to D M Etter.....Dec. 4, 1913

Dec. 5, 1913—LOT 7 BLK 4 Map Havenscourt, Oakland Piedmont Heights Bldg Co to C F Lodge.....Dec. 5, 1913

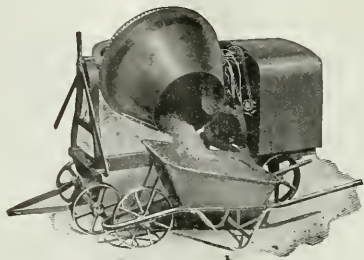
Dec. 5, 1913—S WARD 302.5 E Ellsworth 37 1/2x134 1/2, Bkly. F R Peeke Co to G Johanson.....Dec. 4, 1913

Dec. 5, 1913—PTN LOT 8 BLK "B" Revised Map Piedmont Park, Piedmont. Cora H Shores to whom it may concern.....Dec. 1, 1913

Dec. 6, 1913—E SAN PABLO AVE 75.62 N Addison N 30 E 109.52 S 35 W 166 35, Bkly. Z G Hadjopoulos to E J Aalto.....Dec. 4, 1913

Dec. 6, 1913—LOT 9 BLK "B" Map Waterside Terrace, Ala. F N Strang to whom it may concern.....Nov. 24, 1913

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San Francisco

Dec. 6, 1913—E BOULEVARD 175 N 12th E 136 N 50 W 148 S 50, Okd. Robert Irvine to O M Bullock....Dec. 5, 1913
Dec. 6, 1913—N FIFTEENTH 60 E Clay E 126 N 93-9 NW 14-17 W 110 S 103-9, Okd. Robert Dalziel Co to whom it may concern....Dec. 2, 1913
Dec. 8, 1913—E BENVENUE AVE 147-5 S Russell S 45x E 148.53, Bkly. W J Bell to John Weitzel....Dec. 4, '13
Dec. 8, 1913—LOT 3 BLK "B" Northbrae Business Ppty, Bkly. F R Peake Co to whom it may concern....Dec. 6, 1913
Dec. 10, 1913—S TAFT AVE 125 E College Ave being Lot 84 Woodlawn Park, Okd. C A Covalt to Fred Hamblenton....Nov. 15, 1913
Dec. 10, 1913—LOT 6 BLK 4 Map Claremont, Bkly. Caroline Wolbold to Jacob Kollmer....Dec. 9, 1913
Dec. 10, 1913—LOT 2 BLK 17 Regents Park No. 4, Albany. Carl Ericsson to whom it may concern....Dec. 8, 1913
Dec. 10, 1913—LOT 19 BLK 16 Map No. 4 Regents Park, Albany. Carl Ericsson to whom it may concern....Dec. 8, 1913
Dec. 11, 1913—LOT 24 Map Ford Tet, Okd. A M Odgers to Joseph St. Mary....Dec. 11, 1913
Dec. 11, 1913—SE FIFTH AVE 100 NE E-15th, Okd. Ellen M Humphrey to J W Baughman....Dec. 8, 1913
Dec. 11, 1913—S TWENTY-EIGHTH 68 E Chestnut being No. 1072 28th, Okd. E V C... sen to E J Coleman & James Grimmins....Dec. 11, '13
Dec. 12, 1913—S SIXTH 125 E Brush, Okd. V Morelli to Gaspard & Sharp....Nov. 25, 1913
Dec. 12, 1913—COR DWIGHT WAY

and Piedmont Ave. Bkly. T M Shearman to H D Koch....Dec. 4, 1912
Dec. 12, 1913—PTN LOTS 1, 2, AND 3 Blk "G" Stanford Tract, Oakland. Clarence G and Bradetta S Lane to C Texdahl....Dec. 10, 1913
Dec. 13, 1913—W 40 FT. OF E 90 FT. Lot 8 Blk "B" Map Elmwood Park, Bkly. F C Curry to Sullivan Bros....Dec. 12, 1913
Dec. 13, 1913—W 40 FT. LOT 8 BLK "B" Map Elmwood Park, Bkly. F C Curry to Sullivan Bros....Dec. 12, 1913
Dec. 13, 1913—NW CLAREMONT AVE 100 SW 60th, being No. 5985 Claremont Ave, Okd. May and Henry Kroeger to Bay Cities Bldg & Realty Co....Dec. 3, 1913
Dec. 15, 1913—LOT 1 Elmwood Court Tract, Bkly. Mrs Charles Fish to Oscar Sarauen....Dec. 5, 1913
Dec. 15, 1913—PTN LOTS 1 AND 2 Blk 9 Claremont Park, Bkly. S G Down to J W Buskirk....Dec. 15, 1913
Dec. 16, 1913—NO. 95 PLAZA DRIVE being Lot 30 Blk 11 Claremont Park, Bkly. V S Kidd to Jacob House....Dec. 15, 1913
Dec. 17, 1913—PTN LOT 32 AND LOT 34 Map Piedmont Tract, Okd. F G Becker to United Home Bldrs....Dec. 14, 1913
Dec. 17, 1913—S FIFTY-SIXTH 350 W Telegraph Ave W 25xS 110, Okd. Frank L Powell to United Home Bldrs....Dec. 9, 1912
Dec. 17, 1913—NE THIRTEENTH & Webster E 100xN 50. H A Powell to E Hogberg and John Ludwig....Dec. 13, 1913
Dec. 17, 1913—NW AYALA AVE AND Miranda NE 42.50 'n pt beg NE 52.50 NW 117.38 SE 30 SE 100.82,

Okd. United Home Bldrs to whom it may concern....Dec. 8, 1913
Dec. 17, 1913—NW AYALA AVE AND Miranda N 127.50 to pt beg NE 34.44 NE 8.13 NW 149.76 SW 28.50 SE 134.94, Okd. United Home Bldrs to whom it may concern....Dec. 8, 1913
Dec. 18, 1913—NW FIFTEENTH AND Washington N 69.53 W 59.34 S 30.92 E 44.98, Okd. Charles J Heeseman to Rudgear-Merie Co....Dec. 12, 1913
Dec. 18, 1913—LOT 17 BLK 5 on Contra Costa Road, Claremont, Bkly. Mary G Newmark to Kidder & McCullough....Dec. 12, 1913
Dec. 17, 1913—LOT 18 BLK 6 Case Tract, Bkly. Walter I Hynes to E Larmer....Dec. 12, 1913
Dec. 19, 1913—SE FORTY-FIRST AVE 37 1/4 NE E-15th NE 37 1/2 SE 75, Okd. United Home Bldrs to whom it may concern....Dec. 8, 1913
Dec. 19, 1913—LOT 17 PROSPECT Park, Brooklyn Tp. United Home Bldrs to whom it may concern....Dec. 8, 1913
Dec. 22, 1913—LOT 5 Map 4th Ave Terrace Ext, Okd. Ray A and Florence Alvie Leavitt to Jespersen & Dippe....Dec. 20, 1913
Dec. 22, 1913—HOUSE NO. 1 LOT 44 Blk 8; House No. 2 Lot 43 Blk 8; House No. 3 Lot 46 Blk 17; House No. 4 Lot 45 Blk 17; House No. 6 Lot 1 Blk 17 Map No. 4 Regents Park, Albany. Carl Ericsson to whom it may concern....Dec. 18, 1913
Dec. 23, 1913—NW LIESE AVE 1132.91 NE County Road 1525 NE 35 NW 125, Okd. Emily L McDonald to W H Bocarde....Dec. 10, 1913
Dec. 24, 1913—LOT 28 BLK "G" Map Mastick Park, Ala. Mark T Cole to whom it may concern....Dec. 23, '13
Dec. 24, 1913—NE THIRTEENTH & Webster E 100xN 50, Okd. H A Powell to N Clark & Sons....Dec. 20, 1913
Dec. 23, 1913—LINCOLN AVE NO 439 40x170; N Lincoln Ave 460 W —, Ala. Mrs Marie Schaefer by Mathias Schaefer to Home Buyers Syndicate....Dec. 19, 1913
Dec. 24, 1913—LOT 8 BLK "B" Map Waterside Terrace, Ala. F N Strang to whom it may concern....Dec. 11, 1913
Dec. 24, 1913—SIXTY-FOURTH AVE 180 S E-14th 62-6x43, Okd. A V Worthington to whom it may concern....July 1, 1913
Dec. 24, 1913—LOT 2 BLK 6 Berkeley Heights, Bkly. Patrick Nelson Bldg Co to whom it may concern....Dec. 24, 1913
Dec. 24, 1913—S 30 FEET LOT 12 and 10 feet Lot 14 Piedmont Vista Tract, Piedmont. A M Duncan (by Clara M, wife) to T D Courtright and E Lundberg....Dec. 20, 1913
Dec. 26, 1913—W LEE 95, being ptn Plot 27 Kellersberger Map Ranchos Vicente & Domingo Peralta, Okd. John P Maxwell to W G Thornally....Dec. 16, 1913
Dec. 26, 1913—LOT 12 BLK 2 Meek Estate Orchard Tract SE Laurel and Soto, Hayward. Douglas Parker to Schwartz Bros & Son....Dec. 20, 1913
Dec. 29, 1913—W PROSPECT 400 S Channing Way S 50xW 100, Bkly. Dudley Baird to Jacob House....Dec. 29, 1913
Dec. 29, 1913—N WARD 35x100 heing Lot 9 Blk 6 Map San Pablo

Park, Bkly. James H Fuller to whom it may concern...Dec. 22, 1913
Dec. 27, 1913—N TWENTY-EIGHTH
—E Broadway, being Nos. 258-260
28th, Okd. H Karewski to Som-
marstrom Bros.....Dec. 27, 1913
Dec. 31, 1913—NE SEVENTEENTH &
Broadway N 60x E 56.2, Okd. Lucy
Fay Thomson to Geo H Dennison
and Peter Pilkington...Dec. 19, 1913
Dec. 31, 1913—FORTY-SECOND AVE
S E-12th being SW 40 Lot 1 Bk1
12 Sbdvn NE ptn Sather Tract, Okd.
Louis H Lebousky to whom it may
concern.....Dec. 10, 1913

LIENS FILED.

ALAMEDA COUNTY.

Dec. 1, 1913—S YGNACIO AVE 200 E
Cole S 125x40, Okd. John Peters
vs C D Penick.....\$57.60
Dec. 3, 1913—NE CENTRAL AVE &
Fifth E 40xN 100, Ala. Reliance
Mill & Lumber Co vs Wm G Le
Boyd.....\$219.07
Dec. 3, 1913—N CENTRAL AVE 40
E 5th E 34xN 100, Ala. Reliance
Mill & Lumber Co vs Wm G LeBoyd
.....\$183.33
Dec. 4, 1913—LOT 28 AND SW 10 LOT
29 Map Holway and Laine's Sbdvn
Lots 31, 32 and 33, Kingsland Tract,
Okd. Zenith Mill & Lumber Co vs
S A Potter and H C Miller.....\$256
Dec. 4, 1913—N CENTRAL AVE 40 E
Fifth E 34xN 100, Ala. Rhodes-
Jamieson & Co vs W G Le Boyd
.....\$126.25
Dec. 4, 1913—NE FIFTH & CENTRAL
AVE 40xN 100, Ala. Rhodes-Jamieson
& Co vs W G Le Boyd, W
Ehrenport, A A & C O'Brien.....\$144.70
Dec. 5, 1913—S SANTA CLARA AVE
506.25 W Union W 27.33xS 137.5,
Alameda, H C Nelson vs W G Le
Boyd.....\$106
Dec. 6, 1913—N TWENTY-SIXTH &
W Broadway NE 189 N 52.66 W
109 11-12 S 232½ E 153½, Okd. D
Scaglia, \$70.50; Geo Chiantaretto,
\$126 vs First Presbyterian Church
of Oakland and Atlas Stone Co....
Dec. 6, 1913—SUBDVN C. D. AND E
Lot 7 Bk1 792 Map No. 2 Watts Tet,
Okd. Zenith Mill & Lumber Co vs
Rose Marcou and L S Barnett.....\$233.81
Dec. 6, 1913—LOT 23 BLK 6 Map 4th
Ave Heights, Okd. Berkeley Lum-
ber Co vs E O and Elizabeth G
Pendleton and O M Bullock.....\$122.40
Dec. 8, 1913—N TWENTY-SIXTH &
W Broadway W 153.63 N 233.20 E
199.94 S 52.13 SW 187, Okd. Royal
Heating Co vs First Presbyterian
Church of Oakland and General Eng
Co.....\$120.95
Dec. 8, 1913—NW BROADWAY AND
N 26th W 153.63 N 233.20 E 199.94 S
52.13 th 187 to pt beg, Okd. Chris-
tiansen, \$56; Angelo Perl, \$61 vs
Atlas Stone Co and 1st Presbyterian
Church of Oakland.....
Dec. 9, 1913—NW BROADWAY AND
N 26th W 153.63 N 233.20 E 199.94 S
52.13 th S 187 to pt beg, Okd. Lan-
d. Virgilio Ratterl, \$168.25; Daniel
McFee, \$128.75; Thomas Hill, \$200
vs Atlas Stone Co and 1st Presby-
terian Church of Oakland.....
Dec. 9, 1913—LOT 4 BLK 18 Map
Northbrae, Bkly. Otto Bechtie vs
H H Gastman and Sequoia Constr
Co.....\$55

Dec. 9, 1913—PTN LOT 13-A Map
Lands Tentonia Park and Home-
stead Ass'n, Ala. Rhodes-Jamieson
& Co vs W G Le Boyd.....\$118.05
Dec. 9, 1913—N CENTRAL AVE 176 E
5th N 135-2 to find pt of beg W 76
N 34, Ala. Rhodes-Jamieson & Co
vs W G Le Boyd.....\$37.35
Dec. 8, 1913—LOT 11, Robinson Tract
being No. 1329 Palm, Ala. R B
Stuart vs J B Randall.....\$270
Dec. 10, 1913—N TWENTY-SIXTH &
W Broadway NE 189 N 52.66 W
109 11-12 S 232½ E 153½, Okd. Lan-
d. Frank Poletto vs 1st Presbyterian
Church of Oakland and Atlas Stone
Co.....\$42.25
Dec. 11, 1913—SBDVN NO. 1 LOT 28
Map No. 3, Glen Echo Tet, Pied-
mont, J Catucci vs Gertrude and
E E Huddleson.....\$38.10
Dec. 11, 1913—NW BROADWAY AND
N 26th W 153.63 N 233.20 E 199.94
S 52.13 W 187 to pt of beg, Okd.
Frank Puccinelli, \$180; A. Purini,
\$48; Phillip Zappettini, \$124.75;
Paroni, \$45; Joe Lunardi, \$193 vs
First Presbyterian Church of Oak-
land and Atlas Stone Co.....
Dec. 11, 1913—OLD MAY RANCH,
bbed on County Road No. 818, E
land of Murphy, S land Fasset, W
by land Tonder et al, Murray Tp.
J G Hart vs Herman D Murphy and
L A Myers.....\$12
Dec. 11, 1913—N TWENTY-SIXTH &
W Broadway N 187 N 52.13 W 199.94
S 233.20 E 153.63, Okd. M Phos-
son vs First Presbyterian Church of
Oakland and Atlas Stone Co.....\$131.60
Dec. 11, 1913—SW TWENTY-FIFTH
and Telegraph Ave 50x100, Oakland
Marshall & Stearns, \$569; E Rosen-
berg (Wedel Elec Co), \$385.50 vs
Wilhelmina Street and Christian-
sen & Smith.....
Dec. 12, 1913—SW TELEGRAPH AVE
and 25th S 50xW 100, Okd. George
H Tay vs Wilhelmina Street and
Wara Bros.....\$1431.91
Dec. 12, 1913—NE E-FOURTEENTH
and NW 9th Ave NW 50xNE 100,
Okd. George H Tay Co vs J B
Cabana and Wara Bros.....\$433.61
Dec. 12, 1913—S SANTA CLARA AVE
306.25 W Union W 27.33xS 137.6,
Ala. Sunset Lumber Co vs W G Le
Boyd and N J Pickle.....\$558.76
Dec. 12, 1913—S CENTRAL AVE 97-6
W Elm W 32-6xS 94, Ala. Sunset
Lumber Co vs W G Le Boyd and A
P Pollard.....\$266.71
Dec. 12, 1913—E FIFTH 100 N Central
Ave N 31-9x E 100, Alameda, Sunset
Lumber Co vs W G Le Boyd and
W F Kroll.....\$330.76
Dec. 12, 1913—N CENTRAL AVE 243.3
E FIFTH E 34xN 100, Ala. Sunset
Lumber Co vs W G Le Boyd, G W
and W Ehrenport.....\$187.28
Dec. 12, 1913—SW TWENTY-FIFTH
and Telegraph Ave 50x100, Okd.
Charles Rutherford vs Christiansen
& Smith and Wilhelmina Street.....\$90.75
Dec. 12, 1913—S NINETY-NINTH AVE
177 W E-14th S 94.185xW 35, Okd.
Sunset Lumber Co vs Lou and
Justus Norris.....\$209
Dec. 12, 1913—S TWENTY-FIFTH
100 W Telegraph Ave E 100xS 50,
Okd. L J Neal vs Christiansen &
Smith and Wilhelmina Street.....\$768.75
Dec. 12, 1913—W PALM 215 S Central
Ave W 100xS 35, Ala. Sunset
Lumber Co vs Edwin B Robinson

and J B Randall.....\$406.57
Dec. 12, 1913—W PALM 215 S Central
Ave W 100xS 35, Ala. H C Birge
and C W Lannon vs C B Robinson
and J B Randall.....\$406
Dec. 12, 1913—NW BROADWAY AND
N 26th W 153.63 N 233.20 E 199.94
S 52.12 th 187 to pt beg, Okd. Lan-
d. Giovanni Gotelli, \$78.25; Joe Zau-
aria, \$144.25; Rhodes-Jamieson Co
vs \$660.80; Sullivan Bros, \$52.50 vs
Atlas Stone Co and First Presby-
terian Church of Oakland.....
Dec. 12, 1913—LOT 11 Robinson Tract,
Ala. Rhodes-Jamieson & Co vs J
B Randall and W T Blakely.....\$51.05
Dec. 12, 1913—SW TWENTY-FIFTH
and Telegraph Ave S 50xW 100, Okd.
E K Wood Lumber Co vs Christian-
sen & Smith and Wilhelmina Street
.....\$119.17
Dec. 13, 1913—NW BROADWAY AND
N 26th W 153.63 N 233.20 E 199.94 S
52.13 th 187 to pt beg, Okd. D J
Henderson vs Atlas Stone Co and
First Presbyterian Church of Oak-
land.....\$165
Dec. 13, 1913—NE WEBSTER AND
24th E 100xN 58.60, Okd. C Carne-
vali Marble & Muscile Co vs C V
Norcross and Leo Nichols.....\$58.50
Dec. 13, 1913—LOT 11 ROBINSON TRACT
Alameda, W T Blakely vs J B
Randall.....\$105
Dec. 13, 1913—NW BROADWAY AND
N 26th W 153.63 N 233.20 E 199.94
S 52.13 th 187 to pt beg, Okd. De
Fremercy Cadman Materials Co vs
First Presbyterian Church of Oak-
land and Atlas Stone Co.....\$219.60
Dec. 13, 1913—SW TELEGRAPH AVE
and 25th 50x100, Okd. Union Floor
Co, \$75; Otto Bechtie, \$225 vs Wil-
helmina Street.....
Dec. 13, 1913—SW TELEGRAPH AVE
and 25th 50x110, Okd. Hodge &
Collins Lumber Co vs Wilhelmina
Street, R A Miller and Christiansen
& Smith.....\$142.04
Dec. 13, 1913—SW TELEGRAPH AVE
and 25th 50x100, Okd. Union Floor
Co, \$465.25; Golden Rule Sheet
Metal & Iron Works, \$280; Turner
Co, \$1153.35; National Roofing Co,
\$123.75; W J B McWhirter, \$255; L
D Frazee, \$25; Preston & Kelly,
\$56.25; Reinhart Lumber & Planing
Mill Co, \$1593.82; Schwarz & Got-
tlieb, Inc, \$423.75; C J Hillard &
Wilhelmina Street and Christiansen
& Smith.....
Inc, \$225; Fred Jurgewitz, \$120 vs
Dec. 13, 1913—PT 100 N Central Ave
and 176 E 5th N 34 2-12xW 76, Ala.
Reliance Mill & Lumber Co vs Wm
G Le Boyd.....\$128.32
Dec. 15, 1913—LOTS 6 AND 7 BLK
"D" Map Kelsey Tract, Okd. Brit-
tain & Co vs Wilhelmina Street
and Christiansen & Smith.....\$66.52
Dec. 15, 1913—NE FORTIETH AND
Opal SE 37.71 NE 99.59 NW 37.73
SW 161.13, Okd. Brittain & Co vs
J R Morse and Christiansen &
Smith.....\$37.72
Dec. 15, 1913—SW TELEGRAPH
Ave and 25th S 50xW 100, Okd. De
Fremercy-Cadman Materials Co vs
Wilhelmina Street and Christian-
sen & Smith.....\$226.65
Dec. 15, 1913—SW TWENTY-FIFTH &
Telegraph Ave S 50xW 100, Okd.
De Fremercy-Cadman Materials Co
vs Wilhelmina Street and Chris-
tiansen & Smith.....\$31.75
Dec. 15, 1913—SW TWENTY-FIFTH

and Telegraph Ave S 50xW 100, Oakland. De Fremery-Cadman Materials Co vs Wilhelmina Street and Christiansen & Smith and R A Miller\$530.55
Dec. 15, 1913—SW TELEGRAPH AVE and 25th S 50xW 100, Okd. De Fremery-Cadman Materials Co\$425; R A Miller, \$132.97 vs Wilhelmina Street, Christiansen & Smith and W J McWhirter
Dec. 13, 1913—PT 134.2 N Central Ave and 176 E 5th N 35 W 76 S 35 E 35, Ala. Reliance Mfg & Lumber Co vs William G Le Boyd\$105.57
Dec. 17, 1913—S SIXTH 125 E Brush E 25xS 100, Okd. Redwood Mfg Co vs E C Gaspard, A C Sharp, V and Aitana Morelli\$249.60
Dec. 18, 1913—S SIXTH 125 W Brush S 100xW 53, Okd. A H Knoch vs V Morelli\$100
Dec. 13, 1913—NE OXFORD AND Eunice E 100xN 60, Bkly. Sunset Lumber Co vs Andrew M and Olive V R Wilson\$959.66
Dec. 19, 1913—E FIFTH 108 N Central Ave N 24-9 th at r a 100, Alameda. Rhodes-Jamieson Co vs W G Le Boyd and W F Kroll\$54.70
Dec. 19, 1913—N FOURTEENTH 56 E Jefferson E 100xN 103.9, Okd. McCreey & Sampson vs J M Locke\$564.40
Dec. 19, 1913—S SANTA CLARA AVE 306.25 W Union W 27.33xS 137.6, Ala. Rhodes-Jamieson Co vs W G Le Boyd and N J Pickle\$123.25
Dec. 19, 1913—S CLEMENT AVE 97-6 W Elm W 32-6xS 90, Ala. Rhodes-Jamieson Co vs W G Le Boyd and A P Pollard\$71.65
Dec. 19, 1913—N CENTRAL AVE 343.2 E Fifth E 34xN 100, Alameda. Rhodes-Jamieson Co vs W G Le Boyd, G W and W Ehrenpf.....\$96.90
Dec. 22, 1913—LOT 6 AND PTN LOT 5 and ptn Lots 3, 4, 5 Bk "F" Corrected Map Nicol Tract, Okd. H T Bush vs M and Nellie L Norris and Wm Dutton and Edith Dell Bush\$546.50
Dec. 23, 1913—S THIRTY-SIXTH 116 W Grove W 50xS 120-3, Okd. Johnson Bros vs Almond City Land Development Co and Mary H Patterson and J R Jones\$132
Dec. 24, 1913—W COUNTY ROAD 1646 being about 7 1/2 acres adjoining land John McComas on N and in plot subdivided by Herman Murphy, being N County Road 818 about 3 1/2 miles E Livermore, Murray Tp. Anspacher Bros vs F A Fagalde\$69.20
Dec. 26, 1913—E Woodruff Ave 95.17 S Hampel S 40x E 110, Okd. Fred Buzzell vs M P Graves\$151
Dec. 29, 1913—(1) LOT 6 and ptn LOT 7 Bk "C" Corrected Map Nicol Tract; (2) ptn Lots 3, 4 and 5 Bk "F" Corrected Map Nicol Tract, Okd. Herbert Hansen vs William M Morris and Edith Dell Bush\$74 and \$37
Dec. 27, 1913—NE E-FOURTEENTH and Ninth Ave N 90x E 45, Oakland. Hogan Lumber Co vs Margaret McNeill\$709.02
Dec. 29, 1913—E WOODRUFF 95.77 S Hampel E 100xS 40, Okd. Hodge & Collins Lumber Co vs Joseph and M P Graves and East Piedmont Land Co\$235.13
Dec. 31, 1913—N FIFTEENTH 60 E Clay E 120 N 93-9 NW 14-1.7 W 110

S 103-9, Okd. Robert Swan vs Robert Dzulziel Co\$1615

SAN JOSE AND THE SANTA CLARA VALLEY,

CITY HALL AND JAIL—1 story and base, frame. Cost not stated. Daly City, San Mateo Co., Cal. Architects, Smith & Stewart, 244 Kearny street, S. F. Owners, Daly City. A building has been designed which provides offices for the city heads on the first floor. Basement will be fitted up for a modern jail with special jail equipment, steel cells etc. The second floor will contain a city council room, 50 by 60 feet, which will also be used as a public auditorium. Interior finish will be of pine and redwood. A fireproof vault will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared and figures will be called for shortly.

RESIDENCES—1 and 2 story and base, frame. Cost not stated. San Jose, Santa Clara Co., Cal. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: F. K. May, 429 Hull street, 1 story four-room cottage, \$1,800; E. D. Wells, 445 North 17th street, 2 story frame six-room house, \$2,000; H. W. Dangerfield, North 11th street, 1 story five-room frame cottage, \$2,000, and Mrs. Baxter, 468 North 7th street, 1 story four room cottage, \$1,000.

Building Contracts.

SANTA CLARA COUNTY.

SW FULLER AND PREVOST, San Jose Four-room cottage.
Owner.....F. K. May, 429 Hull Ave., San Jose.
Architect.....None.
Day's work..... COST, \$1800

E WILLS AVE, bet Home and Brown Ave., San Jose. Five-room cottage.
Owner.....R. L. Morris. Premises.
Architect.....None.
Contractor.....B. G. Gilbert, 47 Little Delmas St., San Jose.
COST, \$1653

NO. 375 S-FOURTEENTH, San Jose. Five-room cottage.
Owner.....Emma Louisa Brown, 375 S-14th St., San Jose.
Architect.....None.
Contractor.....S. G. Pelton, 415 S-Third St., San Jose.
COST, \$2500

NO. 457 N-SEVENTEENTH, San Jose. Six-room cottage.
Owner.....E. D. Wells, 445 N-17th St., San Jose.
Architect.....None.
Day's work..... COST, \$2000

LOT 49 WALCH TRACT, San Jose. 5-room cottage.
Owner.....H. W. Dangerfield, N-11th St., San Jose.
Architect.....None.
Day's work..... COST, \$2000

NO. 468 N-SEVENTH, San Jose. Four-room cottage.
Owner.....Mrs. Baxter, Premises.
Architect.....None.
Day's work..... COST, \$1600

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

SCHOOL—2 story and base, brick, \$50,000. Pittsburg, Contra Costa Co., Cal. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Pittsburg School District. Architect Cornelius has recently been awarded the first place in the competition held to secure plans for a new school building to be erected in Pittsburg. The building will contain eight class rooms, assembly hall seating 250 people and laboratories. Interior finish will be of pine with maple floors. Plans provide for steam heat, an oil burning system, vacuum cleaning and program clocks. Exterior of the building will be faced with pressed brick. Working drawings are now being prepared and figures will shortly be called.

RESIDENCE—2 story and base, frame, \$6,000. Cotati, Sonoma Co., Cal. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Father Cunha. This dwelling has been designed to contain seven rooms, two baths and sleeping porch. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. Bath rooms will have composition floors and tile wainscot. Exterior will be covered with rustic and shiplap. Plans are being prepared and figures will be called for shortly.

Building Contracts.

MARIN COUNTY.

SE FOURTH AND "A" 149-6x90, San Rafael. Carpenter, plastering, electric, painting for unfinished portion of present building.
Owner.....Cheda Estate Co., Cpn., San Rafael.

Architect.....T. O'Connor, San Rafael.
Contractor.....Phil Le Corneer, San Rafael
Filed Dec. 24, '13. Dated Dec. 24, '13.
On 1st of each month commencing Feb. 1, 1914..... 75%
Usual 35 days.....\$833.25
TOTAL COST, \$3333.00
Bond, \$833.25. Sureties, Geo. A. Shields and R. G. Button. Limit, 90 days. Forfeit, none. Plans and specifications filed.

PLUMBING, GAS FITTING, TILING & galvanizing iron work on above.
Contractor.....R. Kinsella, San Rafael
Filed Dec. 24, '13. Dated Dec. 24, '13.
As work progresses on 1st of each month commencing Feb. 1, 1914..... 75%
Usual 35 days, balance.....\$250
TOTAL COST, \$1600
Bond, \$250. Surety, R. W. Johnson. Limit, 90 days. Forfeit, none. Plans and specifications filed.

LOTS 2 AND 3 Bk "D" BOYLE TCT. Mill Valley. Alterations to one-story bungalow.
Owner.....Alfred and Mrs. Walter F. Allen.
Designer.....Myrl R. Crane.
Contractor.....Myrl R. Crane, 74 Miramar Ave., San Francisco.
Filed Dec. 16, '13. Dated Dec. 8, '13.
Ceiling joists up.....\$722.50
Brown coated 722.50

Accepted 722.50
Usual 35 days 722.50
TOTAL COST, \$2890.00
Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

LOT 75 MAP NO. 2 TOLANDO COURT, San Anselmo. All work for frame dwelling.

Owner.....B. H. C. Jurgens, San Anselmo.

Architect...None.
Contractor...Wallace, Lanpher & Co.
Filed Dec. 15, '13. Dated Dec. 13, '13.

60 days after completion.....\$1350
TOTAL COST \$1350

Bond, none. Limit, 75 days. Forfeit, \$5. Plans and specifications filed.

Completion Notices.

MARIN COUNTY.

RECORDED ACCEPTED
Dec. 16, 1913—LOT 1 AND 2 BLK 2
Section No. 1 Sequoia Park, San Anselmo. Winifred Gottlieb to Taylor & Co.....Nov. 15, 1913
Dec. 23, 1913—PTN LOT NO. 18 Linda Vista Trct, San Anselmo. Mary Arata to Sylvesta Saywell.....
.....Dec. 23, 1913
Dec. 29, 1913—PTN LOT 17 Fernhill Trct, Ross. M. W. and Ida Orlich to P. G. L. Buckland.....Dec. 27, 1913

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

Building Contracts.

FRESNO COUNTY.

LOTS 17 TO 22 BLK 142, Fresno. Additions to cold storage building and ice storage plant and reconstruction and enlargement of office (ice plant) Owner.....Fresno Consumers' Ice Co., Fresno.

Architect...Orville L. Clark and R. F. Flechlin.

Contractor...Emmitt Riggins, Fresno.

Filed Dec. 29, '13. Dated Dec. 26, '13.

Between 1st and 10th of each month 75%
Usual 35 days 25%

TOTAL COST, \$16,654

Bond, \$3500. Sureties, G. W. Anderson and C. L. Long. Limit, 80 working days. Forfeit, none. Plans and specifications filed.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

RESIDENCES—3, 2 story and base, frame, \$3,200 each. Sacramento, Cal. Architect, none. Owner, E. A. Pierce, 2207 1st avenue, Sacramento. These houses will be erected in the Curtis Oaks Tract, and each has been designed for a seven-room house with bath and sleeping porch. Interiors will be finished in pine and redwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Automatic water heaters will be installed. Bath rooms and kitchens will have tile wainscot. Interiors will be covered with cement plaster on metal lath and rustic. Plans are complete and in the hands of the owner who will do the work by Day

Labor. Materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$2,500. Sacramento, Cal. Architect, none. Owner, Arthur Mellor, 4121 G street, Sacramento. The house will contain six rooms and bath, and will be erected in the Clair Tract. All interior finish will be of pine or redwood. Oak floors will be used in the living room and dining room. There will be a large open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. SCHOOL WORK—Alterations, etc., frame construction. Cost not stated. Sacramento, Cal. Architect, none. Owners, City of Sacramento. Additions and alterations will be made to the eight Sacramento schools. The work will range in cost from \$700 to \$5,500. Included in the work will be painting, plumbing and electric work, as well as an amount of school furniture and equipment. Full particulars can be secured from the Sacramento Board of Education. The work will be done by Day Labor.

Contracts Awarded.

FLATS—2 story and base, frame, \$4,750. Sacramento, Cal. Architect, none. Owners, R. Laupe and A. Van Marino. Contractor, W. R. Saunders, 2810 1 street, Sacramento. Contract price, \$4,750.

Building Contracts

SACRAMENTO COUNTY.

W ½ LOT 6, O, P, 5TH AND 6TH STS., Sacramento. Erect dwelling (4 flats) Owner.....R. Laupe and A. Van Marino, Antelope.
Architect...None.
Contractor...W. R. Saunders, 2810 1 St., Sacramento.
COST, \$4750

LOT 10 CURTIS OAK, 1st Ave. nr Oak Ave., Sacramento. Erect dwelling.
Owner.....E. A. Pierce, 2207 1st Ave., Sacramento.
Architect...None.
Day's work. COST, \$3200

LOT 183 CURTIS OAKS, bet Curtis and Fair Oaks Aves., Sacramento. Erect dwelling.
Owner.....E. A. Pierce, 2207 1st Ave., Sacramento.
Architect...None.
Day's work. COST, \$3000

LOT 189 CURTIS OAKS, 3rd Ave. bet Curtis and Fair Oaks Ave., Sacramento. Erect dwelling.
Owner.....E. A. Pierce, 2207 1st Ave., Sacramento
Architect...None.
Day's work. COST, \$3000

ON BLK BDED BY P. Q. 9TH & 10TH STS., Sacramento. Erect public school
Owner.....City of Sacramento,
Architect...None.
Day's work. COST, \$5625

LOTS 1 AND 2 G. H. 12TH AND 14TH STS., Sacramento. Erect public school
Owner.....City of Sacramento.
Architect...None.
Day's work. COST, \$800

THIRTY-SIXTH & CYPRESS AVE., Sacramento. Erect public school.
Owner.....City of Sacramento.
Architect...None.
Day's work. COST, \$1250

LOTS 2 AND 4, L. M. 20TH AND 21ST STS., Sacramento. Erect public school
Owner.....City of Sacramento.
Architect...None.
Day's work. COST, \$300

SW J ST. ROAD & CUTTER AVE., Sacramento. Addition to public school
Owner.....City of Sacramento,
Architect...None.
Day's work. COST, \$600

BLOCK BDED BY P. Q. 9TH & 10TH STS., Sacramento. Remodel building.
Owner.....City of Sacramento.
Architect...None.
Day's work. COST, \$500

LOTS 1 TO 4 INCL. V. W. 26TH & 27TH STS., Sacramento. Alter public school
Owner.....City of Sacramento.
Architect...None.
Day's work. COST, \$500

NW 24TH ST. AND 1ST AVE., Sacramento. Alter building.
Owner.....City of Sacramento.
Architect...None.
Day's work. COST, \$700

LOT 728 Homestead Trct Sylvan Way near M St. Road, Sacramento. Erect dwelling.
Owner.....W. H. McMorris, 1617 18th St., Sacramento.
Architect...None.
Contractor...H. Goldman, 18th and R Sts., Sacramento.
COST, \$2500

LOT 727 Homestead Trct Sylvan Way near M St., Sacramento. Dwelling.
Owner.....W. H. McMorris, 1617 18th St., Sacramento.
Architect...None.
Contractor...H. Goldman, 18th and R Sts., Sacramento.
COST, \$2500

NO. 417 L ST. (rear), Sacramento. Erect building.
Owner.....Mrs. N. McMorris, Premises
Architect...None.
Contractor...H. Goldman, 18th and R Sts., Sacramento.
COST, \$800

LOT 22 MONT CLAIR TRACT, 4139 G St., Sacramento. Erect dwelling.
Owner.....Arthur Mellor, 4121 G St., Sacramento.
Architect...None.
Day's work. COST, \$2500

E ½ LOT 2, N. O. 20TH AND 21ST STS., No. 2008 N St. (rear), Sacramento. Addition to building.
Owner.....Griffith Creamery, Prem.
Architect...None.
Contractor...C. M. Griffith, 1214 25th St., Sacramento.
COST, \$900

W 60 FEET OF N ½ OF LOT 2 and E 20 feet Lot 2, 1, J 6th and 7th Sts.; No. 614 J St., Sacramento. Addition to city jail and city court house.
Owner.....City of Sacramento.
Architect...City Engineer,
Contractor...Murrell & Haley, 11th and K Sts., Sacramento.
COST, \$1500

E 1/2 LOT 6, D, E, 28TH & 29TH STS.,
No. 2821 E. St., Sacramento. Erect
dwelling.
Owner..... W. W. Smith, 416 35th St.,
Sacramento.
Architect...None.
Day's work. COST, \$2000

E 20 FEET OF N 1/2 LOT 1 and W 1/2
Lot 2, M, N, 2nd and 3rd Sts., Sacra-
mento. Concrete work, etc., on Impe-
rial Hall.
Owner.....The Imperial Hall Co.
Architect...None.
Contractor...Miller Bros., 1614 13th St.,
Sacramento.
Filed Dec. 29, '13. Date.....
COST, \$2964

Building Contracts.

SAN JOAQUIN COUNTY.

LOT 1 BLK 19 East of Center Street,
Stockton. Excavate, concrete work,
brick work iron, tile, marble, lum-
ber, mill, glass, labor, electrical work
hardware, plastering, painting and
papering for remodeling building.
Owner.....John Podesto, West Lane,
Stockton.
Architect...Walter King, 309 Elks'
Bldg., Stockton.
Contractor...Dennis Burns, 1445 North
Harrison St., Stockton.
Filed Dec. 24, '13. Dated Dec. 23, '13.
Steel lintels set.....\$966
Plastering completed.....966
Completed and accepted.....966
Usual 35 days.....967
TOTAL COST, \$3865
Bond, \$2000. Sureties, E. E. Ferrell and
T. R. Littleton. Limit, none. Forfeit,
\$10. Plans and specifications filed.

PLUMBING AND TINNING ON ABOVE.
Contractor...P. M. Bossacci, 1145 South
Center St., Stockton.
Filed Dec. 24, '13. Dated Dec. 23, '13.
Plumbing roughed in.....\$500.00
Plumbing & tinning completed 352.50
Usual 35 days.....297.50
TOTAL COST, \$1190.00
Bond, \$600. Sureties, M. Santini and
Louis Amendola. Limit, 90 days. For-
feit, \$10. Plans and specifications filed.

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCOUNT
Dec. 27, 1913—LOT 8, I, J, 5TH AND
6th Sts., Sacramento. Young Men's
Christian Association to Ransome
Concrete Co.....Dec. 27, 1913

SEATTLE AND WASHINGTON.

STORES AND OFFICES—4 story
and base, reinforced concrete, \$500,000.
Seattle, Wash. Architect, William
Kingsley, Empire Bldg., Seattle. Own-
er's name withheld. The building will
cover a large area and will be erected
on the block bounded by Westlake, 4th,
Stewart and Olive streets. Construction
will be fireproof throughout with
reinforced concrete walls, floors and
roof slabs. Interior partitions will be
of hollow tile and metal lath and plas-
ter. Interior finish will be of pine,
hardwoods and metal trim. Metal
window sash and frames will be used.
Plans provide for freight and pas-
senger elevators, steam heat mail
chutes and a vacuum cleaning system.

Patent store fronts and sidewalk doors
and lights are specified. Exterior will
be faced with cut stone and terra-
zotta. Excavation has already been
started. Bids for the balance of the
work will be called for at once.

THEATRE AND STORES—2 story
and base, reinforced concrete, \$70,000.
Seattle, Wash. Architect, H. Ryan,
Northern Bank Bldg., Seattle. Own-
er's, Liberty Theatre. The building
will be of fireproof construction, cov-
ering an area of 141x121 feet. There
will be a number of stores on the first
floor besides the theatre entrance and
main auditorium. Front portion of
the second floor will contain offices.
Floors will be of reinforced concrete.
Interior finish will be of pine and
metal. Metal window sash and frames
and fireproof doors will be used. Steam
heat, a modern system of vacuum
cleaning and ventilating will be in-
stalled. Exterior of the building will
be faced with cement plaster. Plans
are nearly complete and figures will
be called for at once.

BRIDGE—Steel construction, \$375,-
000. Tacoma, Wash. Engineer, Hol-
man care of the Oregon-Washington
Railroad and Navigation Co., Tacoma.
Owners, Oregon-Washington Railroad
and Navigation Co. Chief Engineer
Holman states that soil borings for
the foundations for the new steel
bridge which is to span the waterway
in Tacoma have been completed and
found satisfactory. Construction will
be started as soon as bids can be re-
ceived. Figures will be opened for
the work early this month. Plans and
specifications can be secured from
Chief Engineer Holman, Tacoma.

CHURCH—1 story and base, frame,
\$10,000. Seattle, Wash. Architects,
Wilcox & Sayward, Central Bldg., Se-
attle. Owners, Keystone Congrega-
tional Church of Seattle. Plans have
been completed for a one-story church
building which is to be erected at the
corner of 51st avenue and Keystone
Place. The interior of the building
will be finished in pine. The main
auditorium will seat 300 people. Plans
also provide for a pastor's study, Sun-
day school rooms and social room.
Exterior will be covered with cement
plaster on metal lath. Figures will
be called for at once.

RESIDENCE — 2 story and base,
brick, \$20,000. Seattle, Wash. Archi-
tect, Albert Held, Seattle. Owner, C.
L. Mathews. The owner has recently
purchased a large site in Cliff Park
and will erect a dwelling of twelve
rooms, three baths and sleeping
porches. Interior finish will be of pine
and hardwood. Oak floors will be used
in the principal rooms. Plans provide
for a central heating system, probably
steam or hot water, a vacuum cleaning
plant and automatic water heaters.
There will be open fire places and tile
and brick mantels. Bath rooms will
have tile floors and wainscot. Exte-
rior of the house will be faced with
pressed brick. Plans are being pre-
pared and figures will be called for
shortly.

Contracts Awarded.

BRIDGE—Reinforced concrete, \$80,-
000. Seattle, Wash. Engineer, A. R.
Cook, Tacoma. Owners, Northern Pa-
cific Railroad. Contractors, Sound
Construction and Engineering Co.,
Lowman Bldg., Seattle. Contract price,
\$80,000.

BRIDGES—2, steel and reinforced
concrete, \$100,000 and \$150,000 respec-
tively. Engineer, A. R. Cooke, Tacoma.
Owners, Northern Pacific Railroad.
Contractors, Widell Co., Mankato,
Minn. Contract price, \$100,000 and
\$150,000.

STORES AND OFFICES—2 story
and base, brick and concrete, \$50,000.
Tacoma, Wash. Architects, Heath &
Gove, National Realty Bldg., Tacoma.
Owner, David Goss. Contractors, Moller
& Dawson, Tacoma. Contract price,
\$50,000.

BRIDGES — Reinforced concrete.
Cost not stated. Tacoma, Wash. En-
gineer, Cook, Tacoma. Owners, Nor-
thern Pacific Railroad Co. Contractors,
Sound Construction and Engineering Co.,
Lowman Bldg., Seattle. Contract
price not stated.

SCHOOL—2 story and base, brick,
\$21,525. Seattle, Wash. Architect, V.
W. Voorhees, Ellet Bldg., Seattle. Own-
ers, City of Seattle. Contractor, Hans
Iatthe, 6726 24th avenue Seattle. Con-
tract price, \$21,525.

PORTLAND AND OREGON.

PASSENGER DEPOT—1 and 2 story
reinforced concrete, \$50,000. Marsh-
field, Ore. Architect, Engineering De-
partment Southern Pacific Co., Flood
Bldg., S. F. Owners, Southern Pacific
R. R. Co. Plans are being prepared
for a modern passenger station to be
erected at Marshfield. There will be
two waiting rooms, baggage room
and agent's office. Interior finish will
be of pine throughout. A cement floor
will be used. Plans provide for steam
heat and metal window sash and
frames. Exterior of the building will
be faced with cement plaster.

WATER SYSTEM — \$20,000. Uma-
tilla, Ore. Engineer, Louis C. Kelsey,
Selling Bldg., Portland. Owners, City
of Umatilla. Preliminary plans have
been prepared for a water system to
supply the entire city. A fire protec-
tion system will also be included in
the work. Bonds will be voted at an
early date. Further mention will be
made of the work as the plans pro-
gress.

BRIDGE—Steel and concrete con-
struction. Cost not stated. Roberts,
Idaho. Engineer, County Engineer,
Roberts. Owners, Fremont County.
All figures received for the construc-
tion of a steel and concrete highway
bridge in Road District No. 1 have
been rejected by the Board of Super-
visors. Plans will be revised and new
figures will be called for at once.

BRIDGE—Steel and reinforced con-
crete, \$1,500,000. Portland, Ore. En-
gineers, Wadell & Harrington, Kansas
City, Mo. The Interstate Bridge Com-
mission has selected the above named
engineers to design the new Pacific
Highway bridge which is to be erect-
ed across the Columbia River. The
exact site of the big structure and the
type of design have not been settled
upon. As soon as preliminary plans
have been prepared the matter will be
taken up with the War Department,
after which will follow the prepara-
tion of working drawings. The en-
gineer states that construction will re-
quire about sixteen months. Further
mention will be made of the work.

FACTORY—1 story and base, rein-
forced concrete. Cost not stated. Sil-
verton, Ore. Architects name not

given. Owner, L. C. Eastman. Plans have been completed for a one-story and basement reinforced concrete structure which is to be erected as an addition to the Silverton Blow Pipe Co. The building will be 50x100 feet and practically fireproof throughout. Interior finish will be of pine. A cement floor, metal window sash and frames are specified. Exterior of the building will be faced with cement plaster. Plans are in the hands of the owner who is now receiving bids for construction. Figures will be opened on January 15th.

GARAGE ADDITION—1 story and base, reinforced concrete. Cost not stated. Portland, Ore. Architects, MacNaughton & Raymond, Tittle and Trust Bldg., Portland. Owners, Burpee and O'Reilly. The present building, located at the corner of East Water and Madison streets, will be enlarged by the construction of an 80 by 80 foot annex. Interior finish will be of pine. Plans provide for a cement floor, metal window sash and frames and special gasoline storage tanks. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken.

RAILROAD ADMINISTRATION BUILDING—3 story and base, concrete and hollow tile construction. Cost not stated. Portland, Ore. Architect, G. W. Boshke, care of owners. Owners, Oregon-Washington Railroad and Navigation Co. Bids have been opened for the construction of a three-story administration building which is to be erected in the Albina district. The building will cover an area of 50 by 80 feet. Bids were taken from selected contractors only. No award has yet been made.

WATER PIPE—\$160,000. Portland, Ore. Engineer, City Department of Engineering, Portland. Owners, City of Portland. Commissioner Daly of the Public Utilities Committee has asked that money be set aside and bids be called for furnishing the city with a large amount of water main to be installed this spring. Included in the list are: 1,192 gate valves ranging in size from 6 to 30 inches, 5,200 tons of cast iron pipe of various sizes, 300 tons of special castings, 900 cast iron gate boxes, 150 cast iron frame covers and 600 fire hydrants. Bids on this material will be received during January.

USEFUL INFORMATION FOR CONTRACTORS.

One thousand shingles, laid four inches in the weather, will cover one hundred square feet of surface, and five pounds of shingle nails will fasten them on.

One-fifth more siding and flooring is needed than the number of square feet of surface to be covered because of the lap in siding and flooring.

One thousand laths will cover seventy yards of surface and eleven pounds of lath nails will nail them on.

Eight bushels of good lime, sixteen bushels of sand and one bushel of hair will make enough good mortar to plaster 100 square yards.

One cord of stone, three bushels of lime and a cubic yard of sand will lay one hundred cubic feet of wall.

Cement one bushel, and sand two

bushels, will cover $3\frac{1}{2}$ square yards, one inch thick; $4\frac{1}{2}$ square yards $\frac{3}{4}$ inch thick, and $6\frac{1}{2}$ square yards $\frac{1}{2}$ inch thick.

On bushel of cement and one bushel of sand will cover $3\frac{1}{4}$ square yards, one inch thick; 2 square yards $\frac{3}{4}$ inch thick, and $4\frac{1}{2}$ square yards $\frac{1}{2}$ inch thick.

AMOUNT OF PAINT REQUIRED FOR A GIVEN SURFACE.

It is impossible to give a rule that will apply in all cases, as the amount varies with the kind and thickness of the paint, the kind of wood or other material to which it is applied, the age of the surface, etc. The following is an approximate rule: Divide the number of square feet of surface by 200. The result will be the number of gallons of liquid paint required to give two coats; or, divide by 18 and the result will be the number of pounds of pure ground white lead required to give three coats.

UNITED STATES CIVIL-SERVICE EXAMINATION.

JUNIOR TOPOGRAPHER (MALE).

February 5 and 6, 1914.

The United States Civil Service Commission announces an open competitive for junior topographer, for men only, in February 5 and 6, 1914. From the register resulting from this examination certification will be made to fill vacancies as they may occur in the position in the Geological Survey, at salaries ranging from \$720 to \$1,260 a year, and in positions requiring similar qualifications, unless it is found to be in the interest of the service to fill any vacancy by reinstatement, transfer, or promotion. The salaries paid will be governed by the rating of the eligibles in the subject of training and experience.

Appointment to permanent positions in the Geological Survey will be made from the register of junior topographer eligibles. An examination will be held on February 4, 1914, to secure eligibles qualified as topographic aid, for temporary employment only, during the field season. An applicant who desires to be examined for both positions must file a separate application for each.

Competitors will be examined in the following subjects, which will have the relative weights indicated:

- | | |
|--|----------|
| Subjects. | Weights. |
| 1. Mathematics (comprising arithmetic, algebra and including problems involving quadratics, plane and solid geometry, plane trigonometry, logarithms, mensuration, and projection)..... | 15 |
| 2. Surveying, use and care of instruments, and elements of astronomy as applied to surveying (the field questions are all elementary in character and do not involve any mathematical knowledge beyond that under Subject 1) | 15 |
| 3. Contour construction (consisting of drawing contour lines from given perspective view).... | 25 |
| 4. Topographic drawing and let- | |

tering	15
5. Training and experience.....	30

Total

100
Statements as to training and experience are accepted subject to verification.

Time allowed, two days of six and seven hours, respectively. The first and second subjects will be given on the first day, the third and fourth on the second day.

No sample questions of this examination will be furnished.

Applicants must have reached their twentieth but not their thirtieth birthday on the date of the examination, except that in the case of men who have had five field seasons' experience in any Government bureau as technical field assistant doing topographic work similar to that executed by the Geological Survey, the maximum age limit is 35 years.

Competitors must supply themselves with drawing board not less than 15 inches square, drawing pen, pencil, scale, ink, and square or triangles.

This examination is open to all men who are citizens of the United States and who meet the requirements.

Persons who meet the requirements and desire this examination should at once apply for application Form #312 to the United States Civil Service Commission, Washington, D. C., or the Secretary of the United States Civil Service Board at San Francisco. No application will be accepted unless properly executed including the medical certificate, and filed with the Commission at Washington in time to arrange for the examination at the place selected by the applicant. In applying for this examination the exact title as given at the head of this announcement should be used.

Issued December 19, 1913.

UNITED STATES CIVIL-SERVICE EXAMINATION.

AID (MALE.)

January 21-22, 1914.

The United States Civil Service Commission announces an open competitive examination for aid, for men only, on January 21 and 22, 1914. From the register of eligibles resulting from this examination certification will be made to fill vacancies as they may occur in this position in the Bureau of Standards, Department of Commerce, at salaries of \$600 and \$720 a year and vacancies as they may occur in positions requiring similar qualifications, unless it is found to be in the interest of the service to fill any vacancy by reinstatement, transfer, or promotion.

The work of the Bureau of Standards is scientific and technical in character, consisting principally of physics, chemistry, and mechanical and electrical engineering. The Bureau employs a large number of experts in each of these branches. Young men filling successfully the position of aid are eligible for promotions in the lines of work in which they have become efficient. The opportunity for study and advancement along the lines indicated is equal to that of the leading commercial or educational institutions.

Competitors will be examined in the



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following subjects which will have the relative weights indicated:

Subjects.	Weights.
1. Elementary algebra, geometry, and trigonometry.....	20
2. General physics	30
3. Elementary mechanical drawing	20
4. Education, training, and experience	20
Total	100

Graduation from a mechanical training, technical, or scientific school or equivalent training in a scientific or technical laboratory is a prerequisite for consideration for this position.

Statements as to education, training, and experience are accepted subject to verification.

Two days will be required for this examination.

No sample questions of this examination will be furnished.

Applicants must have reached their nineteenth but not their twenty-fourth birthday on the date of the examination.

Each competitor should bring for use in the examination a small drawing board, T square, triangle, ink, pens, pencils, drawing instruments, and a scale, divided into sixteenths.

Under an act of Congress applicants for this examination must be examined in the State or Territory in which they reside and have been actually domiciled in such State or Territory for at least one year previous to the date of the examination.

This examination is open to all men who are citizens of the United States and who meet the requirements.

Persons who meet the requirements and desire this examination should at once apply to the United States Civil Service Commission, Washington, D. C., or to the secretary of the board of examiners at San Francisco, for application Form 1312. No application will be accepted unless properly executed, excluding the medical certificate, and filed with the Commission at Washington in time to arrange for the examination at the place selected by the applicant. In applying for this examination the exact title as given at the head of this announcement should be used.

Issued December 19, 1913.

TAKING THE HEAT OUT OF LIGHT.

The chemist by synthetic processes can enable you to taste strawberry jam. He can analyze the material that gives the scent of hyacinths and reproduce it, without ever having seen such a flower. But he cannot make light which will compete with the best that

nature has devised. And the lighting engineer has been helpless until quite recently, when the first steps have been taken in what is proving to be the right direction.

The firefly's most important secret is out. Its light is intermittent. And like almost all discoveries, it is so simple that the scientists are wondering that they have not noticed or placed any particular importance on that fact before. The heart beat is intermittent, for if it were not that organ could not stand the strain of action for even part of a lifetime. How long can you sustain a vigorous muscular effort? Only a short time, and then you must halt lest you invite exhaustion. However, you can make momentarily extremely violent efforts, and you can repeat these frequently if you give them time between to recover.

The shining thread of the electric bulb can glow much brighter for a short while than it ordinarily does during continuous service. M. Dussaud merely applied the principle of occasional, regular rests to his incandescent lamps, required them to give their best when at the white heat, and then, after that brief tax, gave them a longer period of repose ere calling them again to duty.

It is a fact that the actual heat of his filaments is unusually high, but because of the way his system works the light produced is cold—the lamp being in service for so brief a while that it does not project heat waves. Besides this, the filament is equal to an unusual length of service. Remember, you have a similar example in nature, the firefly glows spasmodically and not steadily.

EXPOSITION ITEMS.

"Dazzle Patch," the fastest colt in the world, has been entered by M. W. Savage, owner of the famous Dan Patch, in the race meets to be held on the track of the Panama-Pacific International Exposition in June and October '15.

He has also entered horses for the 2:06 class and for the 2:10 trot in both meets. Among other entries are "Electric Patch."

In a circular just published by Savage, who is also the owner of the International 1:55 Horse Farm of Minneapolis, Minnesota, he gives out an interesting account of Dan Patch, the sire of Dazzle Patch, who holds the world's record of 1:55 and who has paced 132 miles in an average time of 2:04 1/2, and who has lowered the world's record for the mile fourteen times.

E. H. Williams Chalmers Munday

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Describing Dazzle Patch, Savage declares that at the age of 28 months the colt paced a half mile in 59 seconds, and at 49 months did the half in 56 1/2 seconds and the mile in 2:02 1/2.

Savage declares that the Directors of the Exposition should be praised for their nerve and good judgment in offering equal opportunity to pacers and trotters, as shown by the two purses of \$30,000 each hung up for the 2:06 pacers, an innovation in harness racing.

The Festival Hall at the Panama-Pacific International Exposition is the result of the study of the Theatre des Beaux Arts type of French architecture and has the usual theatre arrangement of a foyer in front, and the stage with its accessories behind a circular auditorium. The details are from the French Renaissance ornament, particularly from Le Petit Trianon and Le Grand Trianon.

The building is three hundred and eighty-six feet long and three hundred and seventy-six feet wide at the central part. The dome which forms the dominant feature of the design is two hundred and twenty-one feet high and one hundred and seventy feet in diameter on the outside.

There will be an expenditure of \$800,000 by China at the Panama-Pacific International Exposition and of this amount not less than \$300,000 will be used for the Chinese Pavilion, according to an estimate made by Dr. T. C. Chu, Commissioner of China, who recently arrived in San Francisco.

"The preparation now going on in China for this Exposition is universal, but is particularly noticeable in central China where there is great enlightenment and industrial civic development," said Dr. Chu.

"The pavilion which will be built by China may be a permanent gift to the United States. Its type of architecture will be typically Chinese and an architect from my country will arrive in San Francisco soon to design the structure.

"In no country is greater enthusiasm over a national exhibit at the Exposition being displayed than in China, and commissions are organized in every province for the purpose of co-operating with the Chinese Government in making ours the greatest exhibit ever displayed by China at any Exposition."

"The Commissioners constitute a bureau and will maintain headquarters in every part of the Republic and there arrange for the exhibits and create additional interest in the Exposition."

"When I left for Europe I was confident that the Fine Arts Department would have an exhibition as strong as

any ever seen in this country," declared John E. D. Trask, Chief of the Department of Fine Arts of the Panama-Pacific International Exposition.

"On my return I am not only confident, but positively assured that there will be in San Francisco in 1915, the very best exhibition of paintings and sculpture that has ever been seen on the Western Hemisphere, and in many respects the most interesting Fine Arts exhibit that has ever been held in the world."

Trask brought back to President Charles C. Moore and Director in Chief Frederick J. V. Skiff, silver plaques, replicas of the golden plaque presented by the Exposition to Baron Pierre de Coubertin, as a trophy to be contested for in the modern pentathlon, one of the leading athletic events at the Swedish Olympian games.

Trask visited ten foreign countries and while abroad conferred with the leaders in art of the world. He was highly successful in his mission and is enthusiastic over the art exhibit which is to be presented on the Exposition grounds in 1915.

OIL DISPLACES COAL IN PACIFIC COAST STATES.

On the Pacific coast coal is now used practically for household purposes only, and the consumption of coal in 1913 was about the same as in 1912. In the San Francisco market the use of fuel oil for generating steam has displaced that of coal. The only coal used for steam is that taken by the Pacific Mail Steamship Co. and the Japanese Steamship Co. for their vessels to the Orient, while fuel oil is used almost to the entire exclusion of coal on Puget Sound and on the railroads of Oregon and Washington. The coal trade of San Francisco has been largely supplied by British Columbia, but on May 1, 1913, a strike was begun at the British Columbia mines and all shipments to the San Francisco market ceased. On account of this strike rail shipments of coal from Utah, Wyoming and New Mexico were considerably increased, and some shipments were made by water from Puget Sound, Australia, and Japan.

The production of petroleum in California in 1913 is estimated at 96,000,000 to 97,000,000 barrels. Part of the output finds its way to household where gas manufactured from oil is used for cooking. At the close of 1913 the price of oil to consumers and steam plants at San Francisco was from 60 to 70 cents a barrel, which is equal to the price per ton (\$2.55 to \$2.50) for Pocatontos or Cardiff coal.—U. S. Geological Survey.

NEW RAILWAY ROUTE IN ALASKA DISCOVERED.

Some excitement was caused by the discovery of a feasible railway route from Portage or Passage Bay, on the west side of Prince William Sound, to Turnagain Arm, Alaska. Here a route was founded which, by use of a tunnel about 2 miles in length, will avoid the glaciers and yield low grades for both to and out bound traffic. The distance from tidewater on Prince William Sound to tidewater on Turnagain Arm is about 12 miles, and the proposed line will join the Alaska Northern

Railroad at about mile 63. Official information regarding the availability of Portage Bay as a terminal is still lacking but private advices are favorable. By use of this route the distance from tidewater to the Matanuska coal field is reduced to about 136 miles, with only one adverse grade and that a low one. The information at hand indicates that this route is certainly worthy of careful consideration.

Railway Construction of First Importance.

Communication with Fairbanks has been improved. During the summer several automobile trips were made over the military wagon road. Moreover, a new direct steamboat service has been established between upper Yukon points and Fairbanks. Wagon road and trail construction has been continued by the Alaska Road Commission in different parts of the Territory, thereby reducing costs of transportation to various mining camps. The results attained in building railways and wagon roads and establishing steamboat service have been of incalculable advantage to the mining industry of Alaska and have led to developments indicating something of the vast mineral resources of the Territory. At best, the transportation is woefully inadequate, and unless it be extended no great advancement in mining, except along the coast, can be expected. Therefore railway construction is of first importance to Alaska, and second only to this is the building of a system of tributary wagon roads.—U. S. Geological Survey.

RIVERSIDE ELECTRIC PLANT—A MUNICIPAL PLANT BUILT FROM PROFIT.

By Edward P. T. Troy.

Municipal ownership of electricity has existed in Riverside for seventeen years. In 1895 the town issued bonds to the amount of \$10,000 to pay for the construction of a substation, and the erection of poles and wires for the distribution system. The current was purchased from a company generating hydro-electric power in the mountains, and wholesaling it in the towns.

In order to protect the people from the unsatisfactory service of the company, the town, in 1900, made a further issue of bonds, for the sum of \$10,000, to pay for the building of a steam generating plant. With this small beginning, as the town increased in population, the service of the municipal electric plant was extended.

The report of City Auditor Prior shows a total value of the plant and its various funds amounting to \$513,986. These assets have grown from the profit of the plant. All of the extensions, improvements and betterments have been paid for out of the surplus earnings. In addition, the original bonded debt has been reduced to \$50,000. A depreciation fund of \$58,295 has also been accumulated, out of which are provided all replacements.

Beginning with this small plant, the people of Riverside now have a property worth over half a million of dollars, every dollar of which they have paid for out of the receipts. At the same time, the rates charged have been lower than those of the giant com-

panies that furnish current to all the cities and towns in Southern California. The highest rate is eight cents per kilowatt, the same as the Pacific Gas and Electric Company is forcing the people of San Francisco to pay, "because of the injunction." Yet, that company collects in the latter city over \$3,000,000 for electricity. The minimum monthly bill charged in Riverside is fifty cents. In San Francisco, the minimum is one dollar.

The total income from the furnishing of electricity for lighting of homes and the streets, and for power used in business places and for pumping was \$143,939. The operating expenses were \$96,552, leaving a revenue from operation of \$46,956, or a profit of 32½ per cent. Other receipts brought this revenue up to \$55,695. Deductions were made for depreciation, \$16,500, interest and repayments of bonds, \$1,270, leaving a net surplus or profit for the year of \$34,925.

For street lighting, lamps of medium candle power are favored. About 3,000 of them are used, being placed on low posts and at moderate distances along the street, giving an excellent illumination. High power arc lights are but little used, there being but thirty-eight on the streets, and only eight in the stores. The business of the plant is still growing. About 237 consumers were added during the year, and the consumption of current increased five per cent.

Riverside is a splendid example of successful operation of a municipal electric plant. Every other city in California may well follow her, with profit to the people. In Riverside there is no corruption of the courts or city council, nor interference with its political affairs, by a lighting corporation. Its chief of police and other officials are not appointed at the behest of any similar corporation, as in San Francisco.

THE IRON AGE OF ARCHITECTURE.

"Nothing is up to the standards that prevailed when I was young," bemoans the average person after he has passed the stage when his creative activities begin to decline and he sees the younger generation pushing to the fore with new ideas, and different methods of working them out. So likewise it is quite common with the general public to bemoan "this commercial age of architecture," and to see a bright halo surrounding the achievements of middle age architects, which they believe have not and could not be equaled, certainly not surpassed, by present-day architects. Things which appealed to the appetite of youth, its physical, mental and spiritual pleasures and ecstasies always appear to old age as far superior to similar modern things, yet if one could go back fifty years to again enjoy them, how different than the memory would the reality be! It is with pleasure we read the following comment of Engineering Record on the fallacies, too commonly met with today, in the modern conception of the relative value of the work of the medieval and the modern architect.

"It is the joy of many to abuse the present and laud the past, but it has been given to few so to rouse an architectural hornet's nest as did a writ-

er in a London paper recently in bemoaning the passing of the craftsman from his one-time leadership. Lamenting that the master builder of medieval times had given place to the mere architect of today, he brought about his ears the whole protesting swarm. Now granting that there were giants in those days who left behind them monuments of such eternal beauty that they have been the chief inspiration of all that has come after, it is by no means true that the merit belongs to the builder or the craftsman alone. The great work of antiquity was wrought by the combination of artist and mason in proportions now unknown, with time as their silent partner. However when the creative mind began its career its host was usually sleeping in the crypt it had planned a century or so before the building, as we know it, was finished. As to the most medieval work, it has gone to well-deserved decay long since. We let our imaginations run riot in dreams of the faithful workman's loving artistry, forgetting the nameless and pestilent bunglers whose clumsy fingers wrought abominations in wood and stone. And few even of the masterpieces have escaped the stupid and ruthless meddling of the renovator, whether architect or builder by training.

"No, the old days were as full of bad design and worse execution as our own. The ruins of St. Mary's Abbey in New York, for instance, show as vile a grade of rubble as any cheap contractor of the twentieth century could imagine and the building tumbled easily into the decay it deserved. Some of the good and stable work of the past has happily remained to us and has served as a model from century to century. The ordinary architect of today makes fewer mistakes by copying it than by trusting to his own magnation. Whether his predecessor began as artist or as mason makes precious little difference.

"But before passing hasty judgment upon the architect of our own times, think a moment of the evil days upon which he has fallen. In the medieval times he must perform know only the technique of masonry—the rest was his art. If he were building a church the fine stimulus of the Gothic was his inspiration and his medium was craftsmanship in stone. Today he must know masonry and concrete, structural steel and sanitary plumbing, lighting and heating, electric wiring and acoustics. The old congregation did not need to read and mostly couldn't, expected to be cold and generally was, could not understand the Latin of the service even if it chanced to hear it. Little need for wonder or blame then if the architect, having to be a Jack-of-all-trades, bungles a goodly number of structures if he tries to cover the whole range single handed. His training is of necessity spread out rather thin and the wonder is not that he sometimes does badly, but that he ever succeeds in rising out of the turmoil into greatness.

"Besides all this he has to struggle against or make surrender to a complex commercialism that makes the machinery of construction terribly intricate. His predecessor did not have to plan for buying his stone from one source, his steel from another and his

wood work from a third; he was not hounded by agents of patented devices nor pestered by circulars of supplies offering him the usual architect's commission of — per cent.' If he were a grafter it was by malice prepense, and not by daily temptation. All these things the architect of today has to endure, besides being called a slavish copyist if he turns to the best in antiquity and a commonplace innovator if he does not.

"His chief hope is in suiting himself as best he may to new conditions, calling in technical advisers on the details which he cannot in the nature of things have time to master, even if he has the ability, standing the more firmly by the interests of his client as he confronts a regiment of sub-contractors, and remembering that he must be artist before being engineer or contractor. Originality and resourcefulness is much more difficult to find than technical or constructional skill, and if the architect is to be more than a master mason or boss concrete mixer it must be by the possession of these attributes. And looking about one cannot but realize that art did not die with the Gothic nor perish with the Romanesque. New necessities must bring new forms now just as certainly as they did a thousand years ago. And if the sketches of the Cathedral of St. John the Divine reincarnate the inspirations of the past, just so surely does the fine mass of the West Street Building, rising like a huge ancient keep against the western sky as one passes out onto the North river, bespeak the promise and the dignity of the age of steel. The times have changed and the architect must change with them."

UNITED STATES CIVIL-SERVICE EXAMINATION.

TOPOGRAPHIC AID, TEMPORARY (MALE).

February 4, 1914.

The United States Civil Service Commission announces an open competitive examination for topographic aid, for men only, on February 4, 1914. From the register of eligibles resulting from this examination certification will be made for temporary employment as topographic aid under the Geological Survey during the field season, unless it is found to be in the interest of the service to fill any vacancy by reinstatement, transfer, or promotion. The entrance salaries range from \$40 to \$75 a month. The salaries paid will be governed by the rating of the eligibles in the subject of training and experience, and in no case will topographic aids be advanced in salary beyond the maximum stated above until they qualify in and are certified from the junior topographer examination.

Appointment to permanent positions will be made only of persons who qualify in and are certified from the junior topographer examination. An examination for junior topographer will be held February 5 and 6, 1914. An applicant who desires to be examined for both positions must file a separate application for each. Failure to qualify in the junior topographer examination within a reasonable time will be considered by the department sufficient

cause for removal under the statute. The junior topographer examination is usually held about the same time of the year as that for topographic aid, and topographic aids who wish to qualify as junior topographer will be expected to do so within a reasonable time from the date of their appointment as aid.

Competitors for the position of topographic (temporary) will be examined in the following subjects, which will have the relative weights indicated:

Subjects.	Weights.
1. Mathematics (elementary, practical questions)	15
2. Surveying (elementary, practical questions)	15
3. Topographic drawing	20
4. Letter writing	10
5. Training and experience	40

Total 100
In making certifications for employment from the register preference will be given to residents of the States where the persons are to be employed. Statements as to training and experience are accepted subject to verification.

No sample questions of this examination will be furnished.

Applicants must have reached their twentieth but not their fortieth birthday on the date of the examination.

Competitors must supply themselves with drawing board not less than 15 inches square, drawing pen, pencil, scale, ink, and square or triangles.

This examination is open to all men who are citizens of the United States and who meet the requirements.

Persons who meet the requirements and desire this examination should at once apply for application Form 1312 to the United States Civil Service Commission, Washington, D. C., or to the Secretary of the U. S. Civil Service Board at San Francisco. No application will be accepted unless properly executed, including the medical certificate, and filed with the Commission at Washington in time to arrange for the examination at the place selected by the applicant. In applying for this examination the exact title as given at the head of this announcement should be used.

Issued December 19, 1913.

CALIFORNIA'S MINERAL PRODUCTION FOR 1913 VALUED AT OVER \$95,000,000.

Increase of \$4,000,000 During the Year.

At the close of the year 1913 the Mineral industry in California continues to display a healthy condition and shows every evidence of continuing the remarkable rate of growth which it has maintained during the past several years. While the exact production figures for the year just ending, which are obtained by totaling the returns from individual producers, will not be available for another six months, it is possible to arrive at a close approximation of the value of the State's mineral output at this time.

Petroleum, which has strengthened its hold on first place, will show a production of about 83,000,000 barrels, an increase of 3,500,000 barrels over the 1912 output. The most gratifying feature of the situation being the in-

crease in consumption at a rate sufficient to not only maintain the prices of the previous year but to show a slight increase over the average price of 46.7c which held during 1912. Thus petroleum alone, the crude product at the wells, will show a value of about \$13,500,000 or an increase of \$1,500,000 as compared to 1912.

Gold, which was the most important mineral product of the State for so many years, comes second with a value differing but little from the 1912 figure, in round numbers, \$20,000,000. Increased efficiency in dredge manufacture and operation continues to keep the output of this method of gold mining up to the mark, in spite of the fact that the class of material being worked is constantly becoming poorer. Deep mining is in a more prosperous condition than it was a year ago and there has been no important change in any branch of precious metal mining.

The copper outlook as far as actual results go, has remained practically unchanged during the present year. The future question has not yet been settled but an attitude of hopefulness prevails, and much further experimenting and scientific investigation has taken place, all of which augurs well for an early return to the greater exploitation of the unmeasured copper resources of the State. Production for 1913 will be valued at approximately \$3,500,000.

Cement output will show an increase of about \$2,000,000 in value, or a total of close to \$8,000,000. Crushed rock and granite will exceed \$6,000,000; brick \$3,000,000; natural gas \$1,250,000; borax a normal production worth over \$1,000,000; silver \$800,000, and quick-silver \$750,000, a decrease due largely to the low price of \$38.50 per flask which prevailed during the year.

The minor mineral products exhibited normal activity and growth and a conservative estimate of the total output for 1913 shows the gratifying increase of approximately \$4,000,000 over the 1912 figures of \$9,472,355.

CONTRACTORS' LIABILITY RATES.

By E. T. Thurston.

The Daily Pacific Builder is in receipt of the following letter from E. T. Thurston of Thurston & Co., General Contractors, wherein comparisons are made of rates charged by the State and by private companies. Mr. Thurston has gone into the matter very carefully.

The Daily Pacific Builder,
560 Mission Street,
San Francisco, Cal.

Gentlemen:
In connection with the Workmen's Compensation Act passed by the last legislature, and which goes into effect January 1st, 1914, a State Insurance Department is provided for, empowered to adopt premium rates which shall govern those who insure with the State, or with mutual or Inter-insurance organizations, but not necessarily those who insure with private companies. For use during 1914 the Industrial Accident Commission has adopted without change a schedule of rates as submitted by the Board of Underwriters representing the private insurance companies doing business within the State, and has informed the

public through a published statement given general circulation that these rates are from twenty to forty per cent less than the compensation rates effective during the past year under the Roseberry Act. We would understand this to mean that the new rates are at least twenty per cent below the corresponding 1913 rates and in some cases are as much as forty per cent below such rates. In view of the fact that this is very far from the truth as respects building operations, the writer believes the statement should not go unchallenged, and that the facts should be placed before the public for what they are worth.

The comparison of the rates adopted for 1914 with the maximum Board rates for 1913 discloses the fact that the 1914 rates are higher than the 1913 rates in the case of outside painting and composition roofing work respectively by a little more than one per cent; that the two rates are identical in the cases of reinforced concrete for buildings, installation of sky-lights and similar outside ornamental work; thence the reductions rise as high as eighteen per cent for plumbing and interior painting, and in one case only greater than that; namely, glazing, which shows a thirty-and-a-half-per cent reduction. Thus it will be seen that in only one case is the reduction as great even as twenty per cent.

The foregoing comparison is between the adopted rates for 1914, from which so far as the State Insurance Department and the mutual and inter-insurance organizations are concerned we can obtain no reduction, and the maximum Board rates for 1913, which so far as the writer knows were in no case of a general contractor enforced, but were cut as much as sixty-six per cent. Many contractors were protected under a flat rate, and it will, therefore, be interesting to note that an application of the respective rates to a typical case of a reinforced concrete building, including excavation, concrete, carpentry, and general incidental and supervisory expenses showed that the average rate for 1914 would be 6.72% as against a maximum of 6.80% for 1913 under the Board rates. The average rate for 1914 is thus seen to be 2.65% less than the maximum of 1913. The Board flat rate for 1913 was 4.75% and individual companies in competition offered rates ranging from 3.08% to 2.25%, under which latter rate scores of general contractors are at present insured. Since the State Insurance Department offers no flat rate for 1914, but requires premium payments at the segregated rates as adopted, the general contractors in comparing present with prospective conditions, should compare the average State rate with the flat rate he has been paying. In the typical case cited the average State rate is seen to be about three times the lowest flat rate at present in effect. It is not in a spirit of criticism of the Compensation Act, nor the Industrial Accident Board, which is undoubtedly undertaking the solution of the manifold problems presenting themselves day by day, to the best of its ability, but merely to correct a mis-statement of facts and set an important matter right as it affects the building industry and particularly general contractors for building operations. It behooves every contractor to make

prompt arrangements to protect himself under the new law, and he will have to pay the rates charged for the services demanded; and if through the columns of your paper, you shall warn him to undertake no contracts without making adequate provision for the insurance expenses, you will have done a good service to a large number of your readers.

Very truly yours,
E. T. THURSTON.

CITY WANTS A BLOCK.

A suit in condemnation was brought by the City Attorney in the Superior Court Wednesday against the owners of the block of land bounded by York, Hampshire, Mariposa and Seventeenth streets. The property is desired by the city for the shops and car barns to be erected for the municipal railway. The owners of the realty to be condemned are the O'Neil Estate Company, the Ocean Shore Railroad Company, August Egbert, Meyer Ruef, Ida M. Cruikshank and Mary Faunsgarten.

BUILDING OPERATIONS FOR THE MONTH OF DECEMBER.

Building activities throughout the city for the month of December, as reported by the Bureau of Building Inspection of the Board of Public Works, shows a renewed activity in the building line.

The total value of the estimate cost of these improvements aggregates the sum of \$1,956,339. This is for private construction only and does not include the vast expenditures being made in the Exposition Grounds, much of which will prove of a permanent character, nor does it include the permanent improvements being made by the United States Government in the fortifications and Administration Buildings within the city limits neither does it include the State's quota in harbor improvements, docking facilities, Armory and State Normal School extensions.

Figures compiled by the Bureau of Building Inspection are as follows:

Class	No of Bldgs.	Amount
Class "A"	3	\$ 857,250
Class "B"	1	29,000
Class "C"	18	538,352
Frames	132	414,450
Alterations	255	126,287
Total	409	\$1,956,339

SACRAMENTO BUILDING RECORD BROKEN.

It appears that Sacramento will close the year with the record for building at \$3,500,000 or very near that figure. The amount of building up to December 27th amounts to \$3,402,682, or approximately \$600,000 more than

In the matter of building progress Sacramento was sixteenth among the for the entire year of 1912.

cities of the nation last month.

ANNOUNCEMENT.

The very rapid increase in our business the past year, has shown us the necessity of making such a change as would give our customers the very best service and permit us to handle the large volume of business to the best advantage.

Previously, our main office has been in San Francisco while our branch office and warehouse has always been established in Oakland where we have excellent shipping facilities by water and rail.

Beginning with the New Year, we will conduct our business from the Oakland office and will maintain the San Francisco office for the service of our San Francisco and other friends who find it more convenient to call at that office.

At the Oakland office and warehouse, we will welcome all our old friends and customers whose association and patronage we prize so highly. There we can show the full line of machinery which we carry.

All communications by letter, telegram or long distance telephone should be addressed to the Oakland office, GRAVES-SPEARS ROAD MACHINERY CO.

First and Jackson Sts., Oakland Tel. Lakeside 3060.
1041 Monadnock Bldg., San Francisco. Tel. Sutter 755.

At Kansas City, Missouri, there is a dispute between the people and the Gas Company. The company says it can keep its case in the courts for a thousand years.

There is the greatest need for the judicial functions of the Public Utilities Commission. Heretofore these corporations have always resorted to the courts and once they has possession of a franchise or of the people's money it was about a thousand years before anything was done.

In our own case the Pacific Gas & Electric Company have arbitrarily advanced the rate to be paid. The Board of Supervisors had already fixed that rate. But the company goes into the Federal Court and obtains an injunction to prevent the enforcement of the ordinance and in the meantime makes the consumers pay the increased rate. And so the matter rests. Whether or not the Board of Supervisors complied with the law in the matter of fixing doubt that they have the right so to do. But in the meantime the matter is rates is to be decided. There is little lying in the same state in the courts and nothing is being done. There is no reason why this matter should not be thrashed out at once. The judge of the court has expressly said and it is up to the City Attorney to attend to it.

It is said that the Eugenic marriage law in Wisconsin is not working as well as could be expected. That in attempting to prevent the unfit from marrying the law in a measure fails of its object in that people who are prevented from marrying live together anyway.

Mr. Alexander Bell has another theory of the question. And that is to place a premium upon the fit marrying. His idea is that the principal obstacles to high minded and physically capable people marrying has been and is the industrial conditions and the difficulty in making a living. These he would remedy by having the government extend opportunity to young men who are physically and morally and mentally fit, provided they marry and raise families. This would perpetuate the best elements of the race he thinks. This seems to be a reasonable solu-

tion. What the country needs is the perpetuation of the best elements of the race. As it has been the majority of people who married were the favored few who had good jobs from pull or favor, who had inherited wealth, who were unprincipled enough to profit by crooked business methods and the ignorant. To shut off the unfit does advance the race. It simply decreases the birthrate. So that the end sought is not obtained. Mr. Bell's theory is a positive method of dealing with the question and looks to the betterment of the race.

The action of the Canadian parliament in excluding all laborers from the Dominion until March 31st next is directed primarily against the Hindus. A recent court decision has opened the doors to such immigration and this drastic action has been taken because of the labor conditions on the Pacific Coast.

The recent case of California passing an alien law caused wide criticism from certain individuals in the Eastern States. When it comes to Canada taking action against the Oriental races the comparison with the action of our own State is mild in the extreme. They already have a law directed at the Japanese and the present order of the Canadian parliament is intended to exclude the Hindus until some definite action can be taken.

President Wilson has dodged the suffrage question propounded by Dr. Anna Shaw. And he has done a wise thing for Dr. Anna Shaw seems to be possessed of more enthusiasm than common sense. For instance, the newspapers report her as saying:

There are three women in the United States today who might occupy the Presidential chair with a greater degree of success than any of the Republicans, Democrats or Whigs that have so far appeared. They are Jane Addams, Mrs. Carrie Chapman Catt and Mrs. Joseph Bowen of Chicago.

Susan B. Anthony would have made

Proposals.

STATE OF CALIFORNIA
DEPARTMENT OF ENGINEERING
CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Bldg., Sacramento, Cal., until 2 o'clock P. M. on February 2nd, 1914, at which time they will be publicly opened and read for construction in accordance with the specifications therefor, to which special reference is made, portions of State Highway as follows:

El Dorado County from El Dorado to Placerville (III-E-D-11-C), about 6 1/2 miles in length, to be built of waterbound macadam.

Tuolumne County from the Western Boundary of Keystone (III-Tuo-13-A), about 10.8 miles in length, to be graded.

Tulare County from Traver to the Northern Boundary (VI-Tul-4-E), about 5.3 miles in length, to be built of Portland cement concrete.

Kern County from Leido to Famosa (VI-Ker-4-E), about 8.9 miles in length, to be built of Portland cement concrete.

Kern County from Bakersfield to Leido (VI-Ker-4-D), about 10.1 miles in length, to be built of Portland cement concrete.

San Bernardino County from the Western Boundary to Upland (VII-S-Bd-5-D), about 8 1/2 miles in length, to be built of Portland cement concrete.

Ventura County from Ventura to Sea Cliff (VI-Ven-2-D & E), about 7.7 miles in length, to be built of Portland cement concrete.

San Luis Obispo County from Santa Margarita to Atascadero Creek (V-S-L-O-2-C), about 8.4 miles in length, to be built of Portland cement concrete.

San Luis Obispo County from Paso Robles to the North Eastern Boundary (V-S-L-O-2-A), about 10.8 miles in length, to be built of Portland cement concrete.

Santa Cruz County from the Eastern Boundary to Glenwood (IV-S-Cr-5-A), about 5.7 miles in length, to be graded.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained, at the said office and they may be seen at the offices of the Division Engineers of the divisions in which the work is situated. The Division Engineers' offices are located at Whittier, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any and all bids or to accept the bid deemed for the best interests of the State.

ERBERT C. TUOME,

CHAS. D. BLANE,

NEWELL D. DARLINGTON,

California Highway Commission.

AUSTIN E. BACHER,

Highway Engineer.

WILSON R. ELLIS,

Secretary.

Dated, December 31, 1913.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Francisco and Chestnut Streets, San Francisco, California, at 10:00 A. M. Thursday, January 8th, 1914, for the construction of The Courts of Palms and Flowers in accordance with the specifications on file in the office of the Director of Works.

Separate proposals will be allowed on Wiring and on Water and Drain Piping.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of (10) per cent of the amount bid or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder's filing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to award the contract if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$50.00 and by paying the refunded fee to contractors submitting bona fide bids. All persons taking out plans and failing to submit a bona fide bid will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee:

WILLIAM H. CROCKER,
Chairman. (*)

Walter A. Scott
ARCHITECTURAL
Photographer
558 MARKET ST.

Phone Kearny 2688

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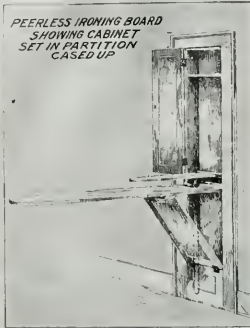
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Specialty Contractors' Protective Association.

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Los Angeles.

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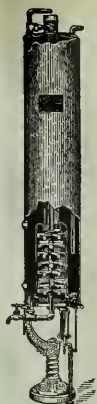
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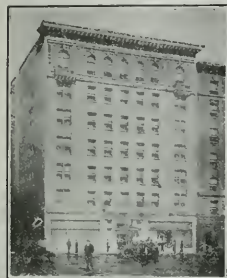
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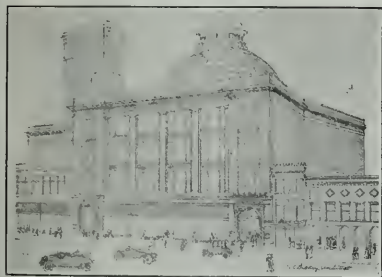
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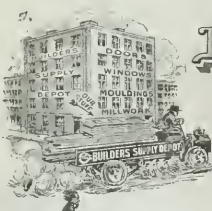
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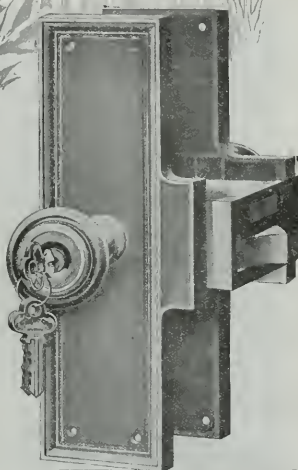
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Editorial Comment.

Registration for the ensuing year is now in order. The new Progressive party has declared itself. It is the banner under which all Progressives can unite. For political prejudices are usually handed down from father to son and from generation to generation and have their basis in ignorance and lack of breadth of view.

Governor Johnson, well said that the Progressive party is the dominant one in this country. For there is no candidate but that declares himself to be progressive, be he Democrat or Republican or what not. So that in reality it is the Progressive element that is dominant in both of the old parties and there is no reason why people, outside of office seekers, should not get together and unite in a common cause.

In the main most people are right minded and seek the common good. But some are blinded by self interest and want to put something over on the public and thereby advance themselves. There will always be different ways of looking at public questions. But those who look at things the same way make a mistake by hanging on the fetich of a party name when the name no longer stands for anything.

Registration is proceeding as rapidly as the Registration office can take care of the electors. Many are standing in line at all hours of the day and in the course of a few weeks there will be a substantial showing for the coming year.

Governor Hiram W. Johnson has announced that he will again be a candidate for Governor. He has frankly, clearly, and unmistakably stated his position. Inasmuch as the newspapers of San Francisco are such a set of subsidized personal organs that it is hard to get a printed opinion of any body that is worth reading, the following editorial from the Sacramento Bee, without doubt the most ably edited newspaper in the State, may be of interest:

"Abraham Lincoln strongly advised the Nation against the folly of swapping horses while crossing a stream.

And, although the crisis of which he spoke was one in which he was personally the dominant figure, all mankind today recognize the sagacity and wisdom of his advice.

California is still in midstream.

She has progressed well into the waters, but there is considerable distance yet to go before she can land her burden safely on solid ground, confident the advance and Progressive policies she is carrying will be placed high and dry above the menacing

waters of corrupt politics and Big Interest schemes.

Against his own personal, financial, mental and physical interests, Governor Hiram W. Johnson has decided to yield to the importunities of those most anxious for the preservation and advancement of true Progressive policies, and for the continued welfare of the State through modern humanitarian and business methods.

At a great sacrifice, he has given up comfort, and peace, and financial betterment, in order that for four years more the reforms which already have benefited California so greatly shall be placed above any reactionary political flood.

There is nothing of vanity in the composition of the Governor. In fact, he is his own severest critic. He minimizes the necessity for his own personal leadership in the present crisis, but wisely has given in to the judgment of others.

That judgment has been right along that, no matter how severe the burden nor how great the imposition—it has become the absolute and imperative duty of Governor Johnson to head the Progressive Party, and head it in the Gubernatorial fight—that, without him in the front of the battle as the Gubernatorial candidate, there would be danger not only that the Progressive movement would be checked where it is, but that even the fruits of the last three years would be lost.

Only those most intimate with the details preliminary to the announcement today can appreciate this act by Governor Hiram W. Johnson—an act which is the acme of personal sacrifice.

For another campaign is distasteful to Hiram W. Johnson. The past three years have crowded him with work and with worry.

The Governor's personal choice was to retire from political life and devote himself to his profession—in which he could make his official salary over, and over, and over, and over again with not one-tenth the vexation, and trouble, and annoyance, and intense and sleep-destroying labors that have been and that will be his in the Governor's chair.

Next to that his personal preference was for a seat in the United States Senate.

And certainly none could blame him therefor. He could be elected thereto without any trouble. There he would have a congenial and comparatively easy task.

And he could—at the Congressional recesses—extend his income into very large figures by accepting any one of the very flattering offers he has received from lenders of money.

So that, in plain English, in announcing today that he will run again for the office of Governor, Hiram W. Johnson has thrown money, personal inclina-

tion, personal comfort, and peace of mind to the winds.

He has weighed all these things in the balance with PUBLIC DUTY and he has uncomplicatedly taken his stand and stripped for the battle.

Surely, The People of California will not allow this sacrifice to have been made in vain."

The Chronicle states that the Currency Measure is in the main a good law. It, however, finds various faults in the measure chief of which it states That the currency for whose redemption the banks are made amply responsible is made to appear to be Government money. It further states that there can be but one motive for that deception, and that is to prepare the public mind for actual government money as the sole currency.

So far as the people generally are concerned what would be the difference? What the Chronicle fears is the fact that the National banks will not any longer be able to issue their own notes and have them circulate as money from the fact that they are guaranteed by government bonds. These banks will therefore lose a considerable part of their control over the money situation and will be deprived of the profit that results from the loss or destruction of the same. What in the end is any kind of money but a guarantee to pay and certainly the government's guarantee is as good as any bank's.

The parcels post has successfully refuted all the doleful forebodings that were prophesied about it and has positively proven that the government can conduct such a business just as well or better than the express companies, with all their much talked of efficiency of a private corporation. A newly organized service, without precedent to guide it, it has met the problems put up to it by the extraordinary business of the holidays with efficiency. It was not swamped with the rush of business, but delivered them to their destination with certainty and dispatch.

There is a reason for this. The postal service itself is organized with a high degree of efficiency. It employs men under the merit system. While the salaries it pays are not large, it provides a test for entrance and the guarantee of a living enables it to get hold of and keep competent men. This system it has extended to the parcels post and it can at once handle it with the same degree of efficiency. The extension of the system that begins with the new year will look to the accommodation of the public who have so long paid an exorbitant tribute to the express companies.

The Post Office and the Panama Canal are a complete answer to the critics who insist that the government is incapable of undertaking enterprises required by the public welfare.

The San Francisco Chronicle published its annual edition last Monday. It is a compendium of the progress of the state and presents an array of facts and figures and illustrations of the wonderful wealth of the State. California is a great state. Great in its geographical area, great in its coast line and sea privileges, great in

its scenic wonders, great in the variety of its climate and great in the wonderful diversity of its products. It possesses the highest mountains and the lowest valleys in the United States. Its climate ranges from the land of perpetual snow in the high Sierras to the subtropical seasons of its adjoining valleys. It borders for 1200 miles on the boundless Pacific ocean, the path of the world's commerce. Its scenic places are the wonders of the world. Its product embraces everything in agriculture from the rice of the swamps to the hardy cereals of the north and from the pineapple and citrus fruits to the winter apple. Its minerals range from the petroleum in which it leads the world in production, to gold which first made the name of California famous throughout the world.

A review of the progress of the State brings all these facts into view. Californians have every reason to be proud of their State. For here the great Creator has certainly bestowed his favors with a lavish hand. In no other place is there such infinite variety and in no other place are there so many comforts and enjoyable places for the abode of man.

Theodore Bell is out as the champion of the irrigationists of Modesto and the Turlock districts and has filed suit to prevent San Francisco from getting a water supply from the Hotel-Hotel under the Act of Congress providing the grant. Here is another zealous patriot of the great State of California that should be damned to everlasting fame.

The welfare of the State and the whole Pacific Coast for that matter depends upon the prosperity and the future greatness of the port of San Francisco. The first and most important need of the urban population that surrounds the bay is an abundant and pure water supply. This has been fought out and the City has been put to untold expense to educate even the Easterners on the subject. It has been fought out on the floor of the House and in the United States Senate and before the President of the United States. Now comes Theodore Bell, a citizen of San Francisco, and in the capacity of attorney for the Irrigationists tries to tip the matter in the courts. It was shown before that the conservation of the flood waters of the Tuolumne by the City would give the irrigationists more water than they ever had before.

Bell was ever the leader of the popular element in the Democratic party. He represented his district in the United States Congress. He has proved to be a political weather cock and is now seeking to prevent the consummation of the cherished scheme of all of our public spirited citizens to obtain a pure and abundant water supply for ourselves and those who come after. Surely the people of California will have cause to remember Theodore Bell and Senator Works. In the days of the Grecian republic they would have been forever banished from their city and had they been citizens of early Rome they would have been thrown from the Tarpeian rock.

The State Board of Control has ordered the State Departments to use the Parcels Post instead of the express company. Having had the divine right

to charge the people whatever it liked the express company is slow to realize that the time has come when it must come out in the open and take an even chance with everybody else. It is no longer the engineer on the steam roller. To show how slow it is to realize the situation the following account of its attitude in regard to carrying the license tags for automobile and chauffeur badges given in the Sacramento Bee is illustrative:

"The State Board of Control is to be congratulated for ordering the Motor Vehicle Department of California to change its system of sending out automobile license plates and chauffeurs' badges, taking the carrying of them away from the Wells-Fargo Express Company, and handing it over to the Parcel Post.

Wells, Fargo & Company would have made about \$50,000 this year out of this work, and the same every subsequent year, if the former plan has been continued.

Finding itself liable to lose the job because it was charging 50 cents for the delivery of these automobile license plates while the Parcel Post would deliver them for 29 cents, it first made the flat rate of 35 cents, and then, in order to save itself, came down to 29 cents.

Under the circumstances, no man or woman will object to paying to Uncle Sam 6 cents more for the delivery of a license than he would now have to pay to Wells, Fargo & Company.

In fact, the average citizen, knowing the facts of the case, would prefer to pay the 29 cents to the Parcel Post rather than have Wells-Fargo deliver them free."

Orville Wright, one of the brothers who were the first to fly successfully, announces that he has perfected a stabilizer for the aeroplane that makes it practically fool proof and increases the factor of safety in aerial navigation many fold. One of the main features of the mechanism of flying is to propel the plane so that the air acting as a flying wedge under the plane produces a lifting force equal to the downward pull of the force of gravity. The automatic stabilizer is supposed to take up any change in the momentum of the plane so that should the machine be slowed down below the danger point the plane will adjust itself and regain its equilibrium.

This invention may mark a decided step in the progress of aerial navigation. When a machine will automatically right itself and land squarely if anything goes wrong with the power it leaves the aviator free to give his attention to other things and removes the principal danger to the learner.

A contemporary has estimated that since the average length of a railroad journey in this country is 34 miles, and a passenger may take 2,275,122 such journeys with only one chance of being killed, it would take him, at two trips per day, 2,792 years to run the full gamut of risk. That is to say, if the one fatal accident happened to him in the present year, it would have been necessary for him to start his railroad traveling at two trips per day, in the year 1879 B. C. It must be borne in mind, however, that he might be killed on his very first trip.

Address By Knowland

Pacific Coast Terminals and a Review of Recent Legislation by Congress for the Development and Encouragement of Water Transportation.

Address delivered by Hon. Joseph R. Knowland before the Tenth Annual Convention of the National Rivers and Harbors Congress, Washington, Dec. 4, 1913.

Mr. President and ladies and gentlemen: To the gentleman from Pennsylvania, Congressman Kelly, who a few moments ago spoke so eloquently of that State, and to the chief executive of New York, Gov. Glynn, who has just taken his seat after fairly staggering us with an enumeration of the big things being accomplished by the Empire State—to these gentlemen I would say that I hail from the great State of California, whose beauties and wonders are indescribable. Had the ancestors of these gentlemen first landed upon the shores of that Pacific wonderland the great Eastern States mentioned would today I fear be deprived of the valuable services of their two most able champions. Should I attempt to describe the resources of my native State, or endeavor to enumerate the great things we are accomplishing, my time would be exhausted before I touched the subject to which I am supposed to address myself. We hope, however, to welcome the delegates of this convention to California in 1915 so that you may see for yourselves what words are inadequate to describe.

Referring but briefly to the criticisms by Gov. Glynn of the expenditure of \$6,000,000 and more at the Mare Island Navy Yard, located in California, I will say that modesty prevents me from directing attention to the fact that I have, until very recently, represented the district in which that yard is located, and that during my term a great part of the large sum was appropriated. Should I reply I might be compelled—although of course it would greatly embarrass me—to direct attention to the fact that the large and generous appropriations demonstrated the advisability of sending live men to Congress. Just a word, however, touching the utility of the Mare Island Navy Yard and the efficiency of its working force. Several ships have been built there, and during recent years three naval colliers or fuel ships. Sister ships in two instances were under construction at the same time at the New York Navy Yard, and when the Navy Department figured up the cost, the plans being identical, it was found that the Mare Island Navy Yard, way out in California, had built both ships for less money. But I must get to my subject.

Pacific Coast Ports Preparing for Opening of Panama Canal.

The people of the Pacific coast are fully alive to the tremendous importance of immediately enlarging and otherwise improving the terminal facilities at the various ports to meet the increased demands of commerce expected with the opening in the almost immediate future, of the Panama Canal.

Experience extending over a period

of many years has demonstrated the advantages and necessity of State or municipal control as contrasted with that of corporations and individuals. This awakening has, in many localities, resulted in the institution of actions in the courts and in insistent demands for legislation aimed to place the ownership and administration of terminals in the hands of the people, where they belong, so as to accord to the smallest shipper the same advantages and facilities which heretofore and in too many instances were enjoyed exclusively by favored corporations and large shippers.

Congress Legislates to Prevent Throttling of Water Competition.

In so far as it exercises jurisdiction, the Congress of the United States has endeavored to assist in the movement to provide for the fullest utilization by all the people of the great rivers and harbors of the country, upon which there has been expended by the Government nearly \$700,000,000. Not only has Congress provided the funds for improvement, but it has gone a step further and enacted legislation to prevent the throttling of these watercourses, the great highways of the people, where exclusive franchises and rights of way cannot be granted. Much of this recent legislation aimed to maintain the competitive value of these waterways has emanated from the Committee on Interstate and Foreign Commerce of the House of Representatives. As a member of this committee and an enthusiastic advocate of the fullest development of our waterways, I am proud to say that in the framing of some of this legislation I have taken at least a small part. Before discussing the terminal facilities of Pacific coast ports, I will refer very briefly to a few of the recent legislative enactments aimed to aid in the Nation-wide movement, led by the National Rivers and Harbors Congress, for a maximum utilization of the facilities for water transportation.

Legislation to Protect Water Traffic Proposed in Bill of 1910 Amendment of Interstate Commerce Act.

In 1910, when the bill creating an interstate commerce court and amendment of the then existing interstate commerce act was pending before the Committee on Interstate and Foreign Commerce, it contained a proposed section, known as section 12, which provided that no railroad corporation which was a common carrier subject to the act to regulate commerce should hereafter acquire, directly or indirectly, any interest of whatsoever kind in the capital stock of any railroad, or purchase or lease any railroad with which it was directly and substantially competitive. I proposed an amendment in committee adding water carriers to the inhibition, which the committee adopted. The bill as then amended provided that railroads could not acquire competing water carriers or water carriers purchase competing

railroads. On the floor this section was stricken out, and I need not here mention the influences that were responsible for its elimination.

While this same bill was pending in the House I proposed the following amendment, which was adopted by a vote—of ayes 106, noes 77:

Whenever a carrier by railroad in competition with a water route or routes shall reduce the rates on the transportation of any kind of traffic it shall not be permitted to increase such rates unless after hearing by the Interstate Commerce Commission it shall be found that such proposed increase rests upon changed conditions other than the elimination of water competition.

Panama Canal Act Protects Shippers.

With but a slight change in phraseology this amendment remained in the bill and is now a part of the interstate commerce law. Its effect has been generally beneficial, but it did not go far enough to meet conditions that it was believed would exist with the opening of the Panama Canal. This is why there was written into the Panama Canal act, at the insistence of Pacific coast shippers, the section that prevents railroad-owned ships from passing through the Panama Canal where they "compete" with their rail lines for business. Such "competition" is fake competition aimed to minimize the competitive value of this great waterway. This provision does not deny, as some charge, railroad owned or controlled ships access to the canal when engaged in foreign trade. In line with what I regard as sound public policy, it prevents railroads from practically paralleling their own rail lines by boats, which should not be permitted if the canal is to be of any real value to shippers throughout the United States.

While we were not successful in 1910 in writing into the law an amendment preventing railroads from owning competing water lines, the Panama Canal act of 1912 squarely meets the situation. The act provides, in section 11, that after the 1st day of July, 1914, it shall be unlawful for any railroad carrier, subject to the act to regulate commerce, to own, lease, operate, control or have an interest whatsoever in any common carrier by water, operated, not only through the canal but elsewhere, with which such railroad does or may compete for traffic. It also confers upon the Interstate Commerce Commission power to extend the time during which railroads may operate such water lines if, after investigation, they are convinced that such water service is being operated in the interest of the public and is of advantage to the convenience and commerce of the people. This extension, however, cannot be granted to railroads, which would operate ships through the Panama Canal in violation of the act, applying only to other localities.

The framers of this law, anticipatinging conditions likely to prevail with

the opening of the canal, conferred upon the Interstate Commerce Commission additional powers, enabling that body to establish physical connections between railroads and the docks of water carriers. The commission was also empowered to establish through routes and maximum joint rates between rail and water lines; to establish maximum proportional rates by rail to and from the ports to which traffic is brought or from which it is taken by the water carrier.

If interstate railroads enter into arrangements with water carriers operating from a port in the United States to a foreign country, through the Panama Canal or otherwise, for the handling of through business between the interior points of the United States and such foreign country, the Interstate Commerce Commission may require such railroad to enter into similar arrangements with any other steamship.

Vessels permitted to engage in the coastwise or foreign trade of the United States are prohibited, under this act, from passing through the canal if such ships are owned or controlled by persons or companies violating the Sherman antitrust law. The provision granting free tolls through the Panama Canal to American coastwise ships is in the interest of the water shipper.

Thus it can be seen that Congress has taken advanced steps that should give an impetus to the movement for the public control of water terminals. The Pacific coast is moving rapidly in this direction, as I shall attempt to show.

Port of San Francisco.

Practically the entire harbor front of San Francisco, approximately 4 miles in length, is under State control and administered by a board of three State harbor commissioners appointed by the Governor. The port of San Francisco receives no appropriations from the State or city. The State law requires that the harbor must be self-supporting, the cost of improvements, including the building of wharves, dredging, and the construction of sea walls, together with the expenses of administration, to be provided for out of the receipts. There is also a provision stipulating that harbor charges shall not exceed such rates as necessary to meet the cost of construction, operation and maintenance. In private lands returns would be demanded upon the total value of the property and improvements, with the result that much higher rates would be charged. The belt railroad is controlled by the board. Practically no long leases have been granted, and every shipper can obtain accommodation at reasonable rates.

Prior to 1911 the State had control of the water front and tide lands of the chief harbors of California, namely, San Francisco, Oakland, Los Angeles, San Diego and Eureka. At the session of the legislature which convened that year the State of California transferred these water fronts and tide lands, with the exception of San Francisco and Eureka, to the respective cities upon which they border.

Among the commercial bodies of San Francisco there has been considerable agitation in favor of turning over to that city the control of the water

front, the claim being made that San Francisco has no voice in its management. Now, when it is desired to issue bonds for improvements on the San Francisco water front, it is first necessary to appeal to the legislature to submit to the people a bond issue, which the voters of the entire State must approve at the next general election. Even when this is done the State does not pay the interest on the bonds or retire them at maturity, although the credit of the State is pledged, which possibly makes the rate of interest less. Under the State law these bonds must be taken care of out of the funds accumulated from harbor receipts. It is charged that it might be possible for localities interested in rival harbors to retard the development of San Francisco's water front; that it is sometimes difficult to explain to the voters of the State that the large bond issues for San Francisco Harbor improvements are not a burden upon the State. It may be stated, however, that so far there has been a disposition on the part of the people of the State to grant the necessary authority for the issuance of bonds to develop California's chief port. For instance, a \$9,000,000 bond issue is now available for improvements which are rapidly being made, and another issue of \$10,000,000 is contemplated.

At present the piers and bulkhead wharves on the San Francisco water front offer about 5 miles of berthing space. In a recent report of the board of State harbor commissioners the statement is made that dock facilities may be so enlarged as to give 44 miles of berthing space.

Oakland Harbor.

Directly across the bay from San Francisco, and on the continental side, lies Oakland Harbor, with 20 miles of available shore line. The city of Oakland has fought for years to retain control of its water front. In the early fifties the then town of Oakland made some unfortunate grants of valuable rights on the harbor to an individual. These were later transferred to a railroad corporation. It has only been within recent years that the city has obtained substantial control of its entire water front. This has been due to court decisions, legislative acts, and favorable compromises. The city has already voted \$2,500,000 for improvements and has under way the building of reinforced concrete wharves and a quay wall 3,500 feet in length equipped with railroad tracks, steel warehouses, and machinery for the handling of freight. There is also being built a retaining wall across the Key Route basin, on the western water front, where most of the extensive improvements are contemplated. The city plans to eventually expend \$30,000,000. The municipal belt railway system as planned will extend around the entire city front, connecting with every railroad that enters the city—three transcontinental railroads now entering Oakland—and with every wharf, with spurs leading to manufacturing plants. Under the proposed development of the water front there will be 46,000 feet of municipally owned docks and 46,000 feet of privately owned.

Col. Thomas H. Rees, the Government engineer in charge of the Oakland district, has just reported a most comprehensive plan for the fullest de-

velopment of this western water front, a project that will allow of such expansion as to meet fully the growing demands of the future.

Harbor of Richmond.

The Rees plans for the east San Francisco Bay district include the harbor of Richmond lying north of Oakland. The enterprising people of this growing community have set an example of liberality in co-operating with the Government that many localities might well follow. The city has already voted \$1,170,000 to be used for harbor improvements and in addition has authorized the submission of another bond issue, which provides for the payment of \$75,000 per annum for a period of five years to be applied toward defraying the expense of Government dredging. Part of the receipts from the harbor will be set aside for a like purpose. The entire inner harbor will be municipally controlled.

Richmond, fast becoming a manufacturing center, will offer, when the present plans are completed, fully 13 miles of berthing space. At least 7 miles of the water front will be municipally controlled.

Los Angeles Harbor.

If by chance there is in this assemblage an individual hailing from a locality which nature has provided with harbor possibilities, but where there is an apparent disinclination to develop these facilities which lie at its doors, I would direct this individual's attention to the city of Los Angeles, that wonderfully enterprising community in southern California. The city of Los Angeles was originally 20 miles from the ocean. Appreciating the impossibility of bringing the great Pacific to its doors, but realizing the necessity for a water terminal, this city, with the nerve to tackle big projects, did the next best thing by extending its boundaries 20 miles to the ocean by annexing cities bordering on the water and strips of connecting territory, and did all this in order that it might vote bonds to improve the harbor now known, if you please, as the harbor of Los Angeles. Already the city has voted five and a half million dollars and has agreed to expend an additional five millions in the near future, with larger sums to follow.

The port of Los Angeles is controlled entirely by the municipality, which, through a board of harbor commissioners, makes all rules and regulations for the government of the harbor, fixes all pilotage, dockage, wharfage and handling charges, and operates the port as a municipal enterprise.

The city owns 394 acres in the outer harbor of what was originally submerged land. Of this, 154 acres was leased by the former city of San Pedro to private parties, who have reclaimed it and improved it with wharves and warehouses. Of the balance, the city has just completed reclaiming 66 acres, which are being improved with reinforced concrete wharves and steel transit sheds, and plans are under way for reclaiming 138 acres more.

Approximately 1,300 acres of tide and submerged lands in the inner harbor were originally covered by tide land patents, the validity of which was disputed by the city and are in litigation, the city winning its suits in the superior courts of Los Angeles

County, and the case is now pending in the California Supreme Court.

There are now 24,905 feet of privately owned wharves along the water front held under franchises or permits, and the city has 1,985 feet of municipal wharves, most of which have been recently built. It also has under construction 3,590 feet of additional wharf, of which 2,520 feet will be of reinforced concrete, costing approximately \$176 a linear foot.

The city also is constructing 1,800 feet of steel transit sheds and 1,530 feet of wood frame transit sheds, besides doing a large amount of dredging.

Because of the involved condition of titles to some of the property covered by railway terminals at the harbor and the desire of the city to open the harbor to access by all railroads, as well as by paved streets, a terminal agreement has been agreed upon which virtually makes the railroad companies and the municipality copartners in the terminal, with the city in control.

There are on present Government harbor lines approximately 20½ miles of water front, most of it unimproved. This can be greatly increased by dredging slips, but only a few such slips have yet been definitely determined upon. The possibilities of the harbor, as shown by E. P. Goodrich, the consulting engineer for that city, will afford more than 100 miles of water front when fully developed.

San Diego Harbor.

The legislature of 1911 granted to the city of San Diego control of its entire water front. The city has already voted a million dollars for a municipal pier, which is now nearing completion. This pier will be equipped with railroad tracks and every facility for expeditiously handling freight. The total length of bulkhead at San Diego is 50,500 feet, giving a total deep-sea dockage of 13 miles and a total coaster dockage of 6 miles. Very extensive plans have been prepared by the municipality for the future development of the harbor to meet the needs of increasing commerce. The importance of San Diego Harbor will be greatly increased with the opening of the Panama Canal, as it will be the first Pacific port in the United States for ships bound north after passing through the great waterway. The municipal wharves now under construction will be of concrete and steel. Private wharves are leased from the city, the administration of its entire harbor front being under a board of municipal harbor commissioners.

Harbor of City of Portland.

Portland is now paying dearly for its past mistakes in permitting railroads and private interests to gain control of practically its entire water front. The result is that the city is now struggling to regain control of this valuable property by condemnation proceedings. Already \$2,500,000 has been voted to purchase and improve water front property acquired by this method. It is estimated that \$25,000,000 will eventually be expended. The water front terminal property within the limits of the city of Portland extends 16 miles. Of this, 29 per cent is owned by railroads and the city owns 2½ per cent; the balance is private ownership. Fifteen

miles of additional water frontage extends from the city's lower limit to the mouth of the Willamette River. About 3 per cent of this is owned by railroads and the balance in private ownership.

Seattle Harbor.

Seattle claims to have one of the freest ports in the world. The present shore line of the harbor is 12 miles. This is soon to be greatly increased by improvements in Duwamish River at an expense of \$1,390,000. A ship canal from Puget Sound to Lake Washington, via Lake Union, is nearing completion, this canal to cost \$3,625,000. It will greatly enlarge Seattle dock frontage and afford freshwater anchorage.

Of the 43 piers in Seattle, 20 are owned by the railroads. Of the remaining 21, 3 are owned by the Port of Seattle Commission, 1 by the city, and 17 by individuals. The Lake Washington development will afford a large additional frontage to be controlled by the municipality.

Tacoma.

Water terminals in Tacoma are owned practically by railroad companies, although the city operates a system of municipal docks for handling both freight and passenger steamers. The city owns 2,500 feet of water front in the inner waterway, on 1,000 of which municipal docks are now being constructed. In addition to the frontage on the inner waterways, the city controls, under a long lease from the State, 14 acres of deep water frontage for ocean terminal purposes, which is being made ready for quick development if necessary.

Conclusion.

From this brief review of conditions on the Pacific coast it can be seen that, with characteristic western energy and enterprise, we are preparing for that long-looked for day when the Panama Canal will be opened. With a determination that is worthy of emulation the people of those cities on the western border of the continent, which enjoy such splendid harbor advantages are fighting to regain control of terminal facilities of incalculable value which corporations and private individuals in too many instances have acquired, and while it is realized that all the mistakes of the past cannot be rectified in a day, it is both gratifying and encouraging that I have been able to record that most substantial progress is being made along the right lines. It is a great fight, and I am certain that I voice the unanimous sentiment of the assembled delegates when I declare that all our sympathies are with these localities which are engaged in this mighty struggle—a struggle waged not alone on behalf of the people of today, but of equal concern to the generations of the future.

RECORDER REPORTS BIG PROFIT FOR YEAR 1913.

Recorder Edmond Godchaux enjoyed a brisk business during the last year, according to the annual report filed with Mayor Rolph. A total of 50,286 documents were filed during 1913. More deeds were recorded than any other document, the total being 12,921. There were 5,911 marriage certificates and licenses placed on rec-

ord. The fees for the year amounted to \$81,016.50, to which \$625 is added for desk rentals, making the total receipts \$81,641.50, against an expense for the department of \$68,305.84, leaving a surplus to the credit of the office of \$13,335.36.

BUILDINGS ON EXPOSITION GROUNDS.

The following list of buildings let and to be let, gives a comprehensive idea of what has been accomplished in the building of the Exposition, and what still remains to be done. The figures as given here were compiled by Harris D. Connick, Director of Works, Panama-Pacific International Exposition.

Contracts For Which Have Been Let.

Service Building	\$ 60,000
Municipal Auditorium	1,275,000
Machinery Building	564,000
Food Products Building	349,000
Education Building	303,000
Liberal Arts Building	346,000
Manufactures Building	336,000
Varied Industries Bldg.	313,000
Mines & Metallurgy Bldg	358,000
Transportation Building	489,000
Agriculture Building	418,000
Horticulture Building	376,000
Main Tower	441,000
Court of Four Seasons	216,000
Court of the Universe	443,000
Three Fire Stations	40,000
Fine Arts Building	600,000

Total

Contracts to be Let.

Festival Court	\$205,000
Court of Palms	100,000
Court of Flowers	117,000
Festival Hall	250,000
Livestock Structures	150,000

Total

BULGER'S REPORT SHOWS INCREASE IN TONNAGE.

San Francisco Leads Group of Six Districts Treated.

Supervising Inspector of Steam Vessels John K. Bulger has compiled some interesting figures showing the increase in tonnages of steam vessels inspected by his department in years passed.

These figures are gross tons and for comparison are for one year in ten-year periods—for fiscal years ended June 30, 1893, 1903 and 1913. They do not include foreign freight steamers nor sailing vessels.

The districts of Juneau, Honolulu and St. Michael have been created during the past fifteen years:

District.	1893	1903	1913.
San Francisco	143,999	468,138	564,364
Portland	34,552	49,668	31,114
Seattle	31,813	199,782	383,816
Juneau		41,497	3,813
Honolulu			87,288
St. Michael			18,875

Totals

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 7 story and base, reinforced concrete, \$82,000. Architect, J. C. Hladik, Monadnock Bldg. S. F. Owner's name withheld. The building will be erected at the corner of Pine and Powell streets, and has been designed to contain 100 rooms, which will be arranged in 42 apartments. Interior finish will be of pine and hardwood with oak floors in the principal rooms. Plans provide for steam heat, elevator service, a vacuum cleaning plant and hot water supply. Bath rooms will have tile wainscot and composition floors. All suites will be equipped with wall beds. Entrance will be finished in marble and tile. Exterior of the building has been designed in the English Gothic style, and will be faced with cement plaster. Plans are complete and figures will be called for shortly.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$12,000. Architect, C. H. Miller, Dalziel Bldg., Oakland. Owners, The Midgley Company, Dalziel Bldg., Oakland. The building will be erected on the east side of Staten avenue, north of Grand, and has been designed to contain a number of two and three room suites with private baths and wall beds. Interior finish will be of pine, redwood and hardwood panels. Oak floors will be used in the principal rooms. Plans provide for steam heat, a vacuum cleaning system and hot water supply. Bath rooms will have composition floors and tile wainscot. Entrance will be finished in marble and tile. Exterior of the building will be faced with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Apartment house, 5 story and base, brick and steel, \$80,000. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, Elston and Clark. The building will be erected at the corner of Telegraph avenue and Durant, covering a large ground area. Interior will be arranged for suites of two and three rooms with bath and wall beds. Interior finish will be of pine and hardwood veneer with oak floors in the halls and living rooms. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will have composition floors and tile wainscot. Marble and tile will be used in the entrance. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are complete and the architect is taking segregated figures on all parts of the work.

FRESNO FRESNO CO., CAL.—Apartment house and offices, 2 story and base. Class A construction, \$85,000. Architect, R. F. Feichlin, Fresno. Owner, Mrs. C. B. Shaver. The building will be erected at the southwest corner of J and Merced streets, covering

an area of 100x150 feet. Construction will be of steel and reinforced concrete with concrete floors and walls. Interior partitions will be of hollow tile and metal lath and plaster. The first floor will be arranged for stores and offices, and the second floor for modern apartment suites. Interior finish will be of pine with hardwood floors. Plans provide for steam heat, a modern oil burning plant and vacuum cleaning. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with cement plaster. Patent store fronts are specified. Plans are complete and the work will be done by Day Labor.

VENICE, LOS ANGELES CO., CAL.—Apartment house, 3 story and base, brick. Cost not stated. Architect, Arthur G. Lindley, Hollingsworth Bldg., L. A. Owner, C. L. Smart. The structure will be erected on Billows avenue, and has been designed to contain about 60 rooms, which will be arranged in two and three room suites, all with private bath and wall beds. Interior finish will be of pine and redwood with some oak floors. Plans provide for steam heat, vacuum cleaning system, and metal lath and plaster partitions. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$30,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner's name withheld. The building will be erected at the corner of Pine and Stockton streets and will be arranged for six suites of six and seven rooms. Interiors will be finished in pine and hardwood with oak floors in the principal rooms. There will be steam heat, automatic elevator, a vacuum cleaning system and hot water supply. Bath rooms will have tile floors and wainscot. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared and figures will be called for shortly.

SAN FRANCISCO—Apartment house, 7 story and base, steel and reinforced concrete, \$120,000. Architect, T. Patterson Ross, 310 California street, S. F. Owners, Greenwich Street Apartment Co. The building will have a complete steel frame, reinforced concrete walls and floors. Interior partitions will be of hollow tile and metal lath and plaster. The building has been designed to contain large suites of six and seven rooms, and will cover a ground area of 70 by 100 feet. Interiors will be handsomely finished in pine and hardwood. Oak floors will be used in the halls and principal rooms. Plans provide for steam heat, elevator equipment and an oil burning plant. There will be a vacuum cleaning system and hot water plant. Bath rooms will have tile floors and wainscot. Entrance will be finished in marble.

Exterior of the building will be faced with white cement plaster. Plans for the steel work are now out for figures. Bids will shortly be called for on other parts of the work.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$13,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner's name withheld. The building will be erected on the east side of 9th street, between Harrison and Bryant streets, covering an area of 25 by 100 feet. There will be one store on the first floor besides the entrance. Upper floors will contain ten suites of two and three rooms with private baths. Interior finish will be of pine and redwood with some elm panels. Bath rooms will have composition floors and tile wainscot. Plans provide for steam heat and a hot water system. Exterior of the building will be covered with cement plaster on metal lath and brick veneer. Plans are complete and figures are now being taken.

SAN FRANCISCO—Apartment house, 2 story and base, frame, \$10,000. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, Mr. McGowan. The building will be erected on Market street near 19th, and will contain a store on the first floor and four suites of three rooms each on the upper floor. Interior finish will be of pine throughout. All apartments will have wall beds and private baths. Bath rooms will be finished in tile and will have composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and contracts will be signed at once.

PASADENA, LOS ANGELES CO., CAL.—Apartment, 1 story and base, frame, \$4,000. Architects, Buchanan & Brockway, Pasadena. Owner, Mrs. S. A. Menning. The building has been designed for a bungalow apartment, the exterior being covered with shakes and timber. Interior finish will be of pine and redwood with some oak floors. An asbestos roof will be used. Plans include modern plumbing, heating and electric work. Plans are complete and figures were opened on January 10th.

SAN FRANCISCO—Apartment house, 3 story and base, Class C construction. Cost not stated. Architect, C. O. Clausen, Phelan Bldg., S. F. Owners, Solomon and Gosselin. The building will be erected on a 20-foot lot on Powell street near Washington, and will have a depth of 70 feet. Interior has been arranged for five apartments of two and three rooms. Interior finish will be of pine and elm. Oak floors will be used in the living rooms and halls. There will be steam heat and a hot water system. Bath rooms will have composition floors and tile wainscot. All apartments will be equipped with wall beds. Entrance will be finished in tile and marble. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be called for shortly.

LOS ANGELES, CAL.—Apartment house, 2 story and base. Class C construction. Cost not stated. Architect, Thomas Preston, Higgins Bldg., L. A. Owner, Mrs. Ellis. The building will be erected on West 20th street near Magnolia avenue, covering an area of 49 by 64 feet. There will be a total of fifteen suites of two and three rooms.

All apartments will have private baths and wall beds. Interior finish will be of pine with oak floors. Plans provide for steam heat, a hot water system and metal window sash and frames. Bath rooms will be finished in tile. Exterior of the building will be faced with blue pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 2 story and base, brick. Cost not stated. Architect, Louis de P. Millar, St. Louis Bldg., L. A. Owner's name withheld. The building will be erected on Fair Oaks avenue, covering an area of 30 by 178 feet. There will be seven stores and a garage on the ground floor. The second floor will contain two three-room apartments and twenty single rooms. Eight baths will be installed. Interior finish will be of pine and oak. Cement and pine floors will be used. There will be four disappearing beds. Exterior of the building will be faced with pressed brick. Plans are being prepared.

BANKS.

REDONDO BEACH, LOS ANGELES CO., CAL.—Bank, 2 story and base. Class A construction, \$25,000. Architect, L. B. Pemberton, Auditorium Bldg., L. A. Owners, Farmers and Merchants National Bank of Redondo Beach. Construction will be of the reinforced concrete type with reinforced concrete floors and walls. Interior partitions will be of metal lath and plaster. The entire first floor will be occupied by the bank and will be finished in hardwood, marble, tile and ornamental plaster. Upper floor will be subdivided into ten modern offices finished in hirsch. Plans provide for steam heat, a vacuum cleaning system and metal window sash and frames. There will be safe deposit vaults and coin vaults. Exterior of the building will be faced with terra cotta brick. Plans have been revised and new figures are now being taken.

BASE BALL PARK.

SAN FRANCISCO—Grand stands, bleachers, etc., \$50,000. Architect, Walter J. Mathews, 927 Broadway, Oakland. Owners, Recreation Park Association. Plans for one of the finest baseball parks in the west are complete and work has been started on the grading and concrete work. The park will be located on Masonic avenue and St. Rose street. Bids are now being taken on the carpentry work, which includes over 1,000,000 feet of lumber. The grading and concrete work is being done by the Sunset Construction Co., Lick Bldg., S. F.

BRIDGES AND DAMS.

SAN DIEGO, CAL.—Bridge, reinforced concrete construction. Cost not stated. Engineer, City Engineer W. M. Ramsey, San Diego. Owners, City of San Diego. Plans for a bridge over University avenue are now complete and have received the approval of the City Council. Bids will be called for at once. The structure is to have a span of 66 feet with a 20-foot driveway and a 4-foot walk. There will be two retaining walls, also of reinforced concrete, each 30 feet high. Some ornamental iron will be used. Full particu-

lars can be secured from the City Engineer.

SAN BENITO RIVER, SAN BENITO CO., CAL.—Bridge, steel and concrete. Cost not stated. Engineer, County Surveyor A. M. McCrory, Hollister. Owners, San Benito County. Plans are being prepared for a new bridge to be erected over the San Benito River north of San Juan, and figures will shortly be called for on its construction. The County Surveyors of San Benito and Santa Clara Counties are working over detail drawings for a new steel and concrete bridge to be erected over the Pajaro River. Expense of this construction will be assessed against the two counties equally. Construction will probably be started within a few months. Further mention will be made of the work.

MODESTO, STANISLAUS CO., CAL.—Dam, earth and concrete, \$2,000,000. Engineer, Turlock Irrigation District. Modesto. Owners, Turlock Irrigation District. Preliminary plans for Dam No. 2, which is to be erected by the Turlock Irrigation District on the Tuolumne River several miles above La Grange have been filed at Sacramento. The proposed dam will be 283 feet high, its upper width of 300 feet. Modesto may join with Turlock in the construction. Further mention will be made of the work.

GOLD BEACH, ORE.—Bridge, reinforced concrete, \$355,000. Engineer, none. Owners, Curry County. Bids will be received by the County Clerk of Curry County for the construction and designing of a reinforced concrete arched span bridge, which is to be erected over the Chetco River about one mile from its mouth. The design and manner of its construction is left to the bidder. More than one plan for the design may be submitted if desired. Further particulars can be secured by addressing J. M. Coughell, County Surveyor, Gold Beach.

Contracts Awarded.

RICHMOND, CONTRA COSTA CO., CAL.—Tunnel and road work, \$232,684.16. Engineers, Haviland & Tibbetts, Alaska Commercial Bldg., S. F. Owners, City of Richmond. Contractors, Shattuck-Edinger Co., 268 Market street, S. F. Contract price, \$232,684.16. A complete list of the bids received for this work will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

LOS ANGELES HARBOR, LOS ANGELES CO., CAL.—Dock shed, structural steel, \$82,967. Engineer, City Engineer, Los Angeles. Owners, City of Los Angeles. Contractors, The Llewellyn Iron Works, L. A. Contract price, \$82,967. Other figures received were as follows: Union Iron Works, \$88,745; Willis B. Kyle, \$88,900; Security Construction Co., \$91,845; Peter Conley Manufacturing Co., \$110,000.

TILLAMOOK, ORE.—Jetty work, stone and concrete, \$629,000. Engineer, United States Engineer Major Jay J. Morrow. Owners, United States Government. Contractors Gieslich & Joplin, Portland. Contract price not stated.

Factories & Warehouses.

SAN FRANCISCO—Warehouse addition, 6 story and base, reinforced concrete. Cost not stated. Architect, G.

A. Applegarth, Call Bldg., S. F. Owner, Martin Bekins. A contract has been let to the Daniel O'Day Co. for the grading and bulkheading for a six-story addition to the Bekins Van and Storage Co.'s building on Otis street north of Duboce. The structure will cover an area of 70 by 100 feet and will be fireproof throughout. Interior has been arranged for a number of small compartments besides larger storage lofts. There will be reinforced concrete floors, walls and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. Plans provide for freight elevators and metal window sash and frames and fireproof doors. Exterior of the building will be faced with cement plaster. Plans are now out for figures.

SAN FRANCISCO—Laundry, 2 story and base, reinforced concrete, \$10,000. Architects, Fabre & Bearwald, Merchants National Bank Bldg., S. F. Owner, Mr. Betts. The building will be erected on the south side of Ellis street west of Hyde. The first floor will contain the laundry and upper floor will be subdivided into a number of rooms which will be occupied by the employees. Interior finish will be of pine throughout. There will be a cement floor on the ground floor. Patent store fronts will be used. Exterior of the building will be faced with marble and cement plaster. Plans are complete and figures are now being taken.

Contracts Awarded.

NEWHALL, LOS ANGELES CO., CAL.—Factory, 3, 2 story and base, brick and concrete buildings, \$130,000. Architect, none. Owners, Dryden Mfg. Co., Newhall. Contractors, Frank Graves & Son, Stimson Bldg., L. A. Contract price, \$130,000.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, none. Owner, Mary Gillen, 1600 Newcombe avenue. The building will be erected on the west side of Mendell and will have a frontage of 24 feet and a depth of 50 feet. Interior has been arranged for two modern flats of five rooms and bath each. Pine and redwood will be used for finish, while some oak floors are specified. Bath rooms will have composition floors and tile wainscot. There will be an open fire place and tile mantel in each of the living rooms. Exterior of the building will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Flats, 3 story and base, frame, \$2,000. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, D. Hader. The building has been designed to contain three small flats and will be erected on a 20-foot lot on the south side of Fell street west of Divisadero. Interiors will be finished in pine and redwood. Oak floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor. Materials are being purchased.

GOVERNMENT WORK AND SUPPLIES.

The Transisthmian Duct Line.

The study of the engineering features covering the transisthmian duct, Canal Zone, has now been completed, and it has been decided to lay a 4-way vitrified clay duct line from Colon to Balboa to contain the signal cable and the telephone-telegraph cable. One duct is available for lease or rental and the other spare duct is left for future requirements.

The duct will follow the line of the Panama Railroad. It will be laid on a base of concrete approximately five inches thick and encased with three inches of concrete on the top and sides.

Manholes will be located according to the theoretical spacing of loading points, which places the manholes every 774 feet. They are to be of the concealed type, and each composed of only three different pieces. The pieces will all be cast at one central point and distributed along the right of way. The light weight of the parts and the flat shape of the individual pieces will allow a knock-down shipment to be handled easily and with a minimum of breakage.

The signal cable will consist of approximately 215,000 feet of 13 solid conductor and 50,000 feet of 9 solid conductor No. 12, Brown and Sharpe gage.

The telephone-telegraph cable will consist of 257,730 feet, 38 pairs of 19-gage solid conductors, quaded, and 12 pairs of 16-gage solid conductors in pairs. This will offer an increase over the present telephone trunk lines of approximately 30 circuits.

Armored cable will be installed at bridges Nos. 140 and 309, crossing the Gatun and Chagres Rivers.

Specifications and requisitions covering the 4-way multiple duct, the cables, loading coils, and other adjuncts were completed by the telephone and signal department of the Panama Railroad on November 17. Work will be started as soon as the duct arrives on the Isthmus. Duct will be laid at the rate of 1,500 feet per day.

New Reclamation Work.

In order to increase the water supply for the Okanogan irrigation project, Wash., the Secretary of the Interior has approved the recommendation of the board of reclamation commissioners that plans be made immediately for the development of power to pump water to about 1,050 acres.

Power will be developed at two drops in the main canal. The sum of \$82,000 has been allotted from the reclamation fund for the work. This plan will reduce the acreage to be served from the Salmon River about 11 per cent. In ordinary years it will permit the holding of 2,000 to 3,000 acre feet in the reservoirs as a reserve for years of drouth in addition to the reserve afforded by the original project and by increase in Salmon Lake capacity.

Induction Motors.

The following bids were opened at the office of the Reclamation Service, Los Angeles, Cal., for furnishing under advertisement No. 261, 2 2-H. P. induction motors:

General Electric Co., Los Angeles, Cal., \$180, at San Francisco or Portland; 3 days.

Wagner Electric Mfg. Co., Los Angeles, Cal., \$183, at St. Louis; 5 days.

Crocker-Wheeler Co., Los Angeles, Cal., \$190.50, at San Francisco; 4 days.

Allis-Chalmers Co., Los Angeles, Cal., \$188.40, at San Francisco or Portland; 2 days.

Westinghouse Electric and Mfg. Co., Los Angeles, Cal., \$189, at East Pittsburgh, or \$199.35, at San Francisco.

Repairs to Army Buildings.

The military authorities have completed the plans for the expenditure of \$812,000 during the next fiscal year for repairs to public buildings at military posts. Of this amount \$725,000 will be required to repair approximately 9,650 buildings, the value of which is placed at \$5,000,000. It is estimated that at least fifty per cent of these buildings are old frame structures twenty years old or more and the expenditures necessary to keep them in repair will necessarily be much greater than for the recently constructed buildings. It is estimated that an expenditure of about 1 per cent on the modern buildings of about \$265,000 will be sufficient to keep them in good state of repair, leaving \$460,000 available for repairing the older buildings which represents approximately 1.7 per cent of their estimated value. It is believed that \$87,000 would be required for additions and alterations. Most of that sum will be required at Fort Sill for remodeling officers' quarters and barracks and for improving the conditions and stables to provide for the increased size of the garrison.

HALLS & SOCIETY BLDGS—

OAKLAND, CAL.—Lodge hall, 2 story and base, frame, \$8,000. Architect, Ivan C. Satterlee, 470 13th street, Oakland. Owners, Danish Hall Association. The building will be erected on the north side of 11th street east of Jackson. Interior of the building will be arranged for lodge halls and offices, and will be finished in pine. A maple floor will be used. There will be a hot air system of heating. Marble, tile and terrazzo will be used in the entrance. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who are now taking figures on the general construction.

MERCED, MERCED CO., CAL.—Hall of Records, 2 story and base, \$40,000. Architect, C. H. Russell, Union League Bldg., L. A. Owners, Merced County. Revised plans for this building have been completed and figures will be called for at once. The building will be 42 by 85 feet, classic in design and fireproof throughout. Interior has been arranged for the offices of the County Recorder, Tax Collector and Assessor. Interior finish will be of hardwoods, marble, tile and ornamental plaster. There will be fireproof vaults and metal window sash and frames. A steam heating system and oil burning plant will be installed. Exterior of the building will be faced with matt glazed terra cotta.

SEASIDE, ORE.—City hall, 2 story

and base, reinforced concrete, \$20,000. Architect, P. Manson White, Seaside. Owners, City of Seaside. The building has been designed in the classic style, and will house the city officials and fire department. Interior finish will be of pine and hardwood. Cement floors and metal window sash and frames are specified. There will be a central heating system, probably steam. Fireproof vaults will be called for. Special fire equipment will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be opened about February 1st. Further mention will be made of the work.

HOSPITALS

SAN FRANCISCO — Hospital work, walks, etc. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans and specifications for grading walks, yards and roads and for constructing sidewalks at the San Francisco Hospital have been completed. Bids are now being called for and will be opened by the Board of Public Works on January 21st. Plans can be had from the Department of Architecture.

Contracts Awarded.

LOS ANGELES, CAL. — Infirmary dormitory, 2 story and base, brick, \$15,000. Architect, Elmore R. Jeffery, Citizens National Bank Bldg., L. A. Owners, Los Angeles County. Contractor, John L. Conner, 429 West 33rd street, L. A., all work except steam heat. Contract price, \$15,000.

HOTELS.

SAN FRANCISCO—Hotel, 6 story and base, reinforced concrete, \$30,000. Architect, O. R. Thayer, Merchants National Bank Bldg., S. F. Owner's name withheld. The building will be erected on Bush street near Kearny, and will contain a number of guest rooms, about 70 per cent of which will have private baths. Interior finish will be of pine and hardwood veneer. There will be steam heat, elevator service and a hot water supply. Bath rooms will have composition floors and tile wainscot. A tile floor will be used in the lobby. Exterior of the building will be faced with cement plaster. Plans are being prepared and figures will shortly be taken.

SAN FRANCISCO—Hotel, 7 story and base, brick and steel, \$120,000. Architect, G. B. Ashcroft, Balboa Bldg., S. F. Owner, C. A. Hooper. This work has been mentioned here before. Plans are complete and figures are being taken. The building will be erected on the north side of O'Farrell street adjoining the Alcazar Theatre on the east. The building will have a frontage of 50 feet and a depth of 137½ feet. Plans provide for two stores, office, lobby and two dining rooms on the first floor. Upper floors will be arranged for a total of 120 guest rooms, all of which will have private baths. Interior finish will be of pine and hardwood. Bath rooms will have composition floors and tile wainscot. There will be steam heat, elevator service, vacuum cleaning and hot

water supply. Exterior of the building will be faced with pressed brick. Segregated figures are being taken.

SAN FRANCISCO—Hotel, 3 story and base, brick and steel. Cost not stated. Architects, Rigotti & Headman, Phelan Bldg., S. F. Owner, J. Allee. This building will be erected on Mission street between 17th and 18th streets. There will be stores besides the hotel lobby on the first floor. Upper two floors will be arranged for a number of single rooms and baths. Interior finish will be of pine and redwood. There will be steam heat and a hot water system. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Hotel, 3 story and base, Class C construction, \$45,000. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owner, Mrs. Squires. The building will be erected on Wilde street near Central avenue, and will cover an area of 110 by 125 feet. Plans show a total of 132 guest rooms, a number of private and public baths. Many of the baths will be equipped with showers. There will be steam heat and a hot water system. Interior finish will be of pine and hardwoods. Bath rooms will have composition floors and tile wainscot. Metal window sash and frames are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken.

PENDLETON, ORE.—Hotel addition and alterations, brick and concrete construction, \$35,000. Architects, Tourtellotte & Hummel, Rothschild Bldg., Portland, Owners, Hotel Pendleton Co. The present three-story building will be entirely rearranged and two additional stories will be constructed. Complete the hotel will contain over 100 rooms, 50 per cent of which will have private baths. First floor will contain the general lobby, office, dining room and kitchen. Interior finish will be of pine and hardwood. There will be steam heat, elevator service and a vacuum cleaning system. Exterior will be faced with pressed brick. Plans are nearly complete and figures will be called for within a week or ten days.

Contracts Awarded.

LONG BEACH, LOS ANGELES CO., CAL.—Hotel, 4 story and base, brick and steel, \$76,000. Architect, Charles Gordon, Los Angeles Investment Bldg., L. A. Owner, Verne H. Carter. Contractors, The Dutro-Wren Construction Co., 1st and Locust streets, Long Beach. Contract price, \$76,000.

SAN FRANCISCO—Hotel, 3 story and base, frame, \$25,000. Architect, Charles J. Rousseau, 48 Kearny street, S. F. Owner, Mr. Mitchell. Contractor, L. Rose, general construction; The Turner Co., plumbing; Atlas Heating and Ventilating Co., heating and oil burners; Pacific Gas and Electric Co., electric work, and the General Building Works Co., the foundation work.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Court of Palms and Flowers, frame and concrete. Cost not stated. Architect, Director of

Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans have been completed and approved for the general construction of the Court of Palms and Flowers. All work except piling will be included in the contract. Separate bids may be submitted for the electric work, water and drain pipes. Bids will be opened on January 22 at 10 o'clock by the Buildings and Grounds Committee. Plans and specifications can be secured from the Director of Works, Service Bldg. Official proposal appears under another heading in this issue.

SAN FRANCISCO—State building, 2 story, log construction. Cost not stated. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, State of Oregon. Bids received for this work, excluding interior partitions and finish, electric work and plumbing, show Foster-Vogt Co. low at approximately \$34,000. An award of contract has not yet been made. Bids will be called for shortly on the balance of the work.

SAN FRANCISCO—Construction of sewers, etc. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans are complete for the construction and installation of sewers in the Exposition Grounds. Bids will be opened by the Buildings and Grounds Committee on January 22nd. Plans and specifications can be secured from the Director of Works, Service Bldg. An official proposal appears in another column of this issue.

CITY MORGUE.

SAN FRANCISCO—Morgue completion, 2 story and base, Class A construction. Cost not stated. Architect, City Department of Architecture, Temporary City Hall. Owners, City and County of San Francisco. Plans have been completed and approved for the finishing construction on the City Morgue. Bids are now being called for and will be opened on January 21st by the Board of Public Works. Plans and specifications can be secured from the office of the Department of Architecture. An official proposal appears in this issue under the heading of Official Advertising.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SACRAMENTO, CAL.—Passenger station, 2 story and base, reinforced concrete, \$50,000. Architect's name not given. Owners, Oakland-Antioch Railroad Co., California-Pacific Bldg., S. F. The building will be erected at the corner of 3rd and I streets, covering an area of 75 by 150 feet. The first floor will contain two waiting rooms, agent's office, express and baggage rooms. The second floor will contain division headquarters of the railroad, superintendent's office and offices for the clerks. Interior finish will be of pine and redwood with a tile and cement floor in the waiting rooms and baggage office. There will be steam heat and a vacuum cleaning system. Exterior of the building will probably be faced with cement plaster. Roof will be of clay tile. Bids will be called for shortly.

CONCORD, CONTRA COSTA CO., CAL.—Railroad station, 1 story and

base, reinforced concrete, \$10,000. Architect's name not given. Owners, Oakland-Antioch Railroad Co., California-Pacific Bldg., S. F. A new station is to be erected at once in Concord. The building will be designed in the Mission style, and will be faced with cement plaster. A red clay tile roof will be used. There will be two waiting rooms, agent's office and baggage rooms. Interior finish will be of pine throughout. Cement and tile floor will be used. Further mention will be made of this work.

Contracts Awarded.

TACOMA, WASH.—Roadbed construction, \$250,000. Engineer, Engineering Department Pacific and Eastern R. R., Tacoma. Owners, Pacific and Eastern Railroad Contractor, Hans Peterson, Madison Block, Seattle. Contract price, \$250,000. Note: This contract includes the construction of 13 miles of road bed.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$6,500. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owner, Earl Martin, Emporium. The dwelling has been designed for an eight-room house and will be erected in West Lake Park. Interior finish will be of pine and redwood with some hardwood veneer. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will let all contracts.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,100. Architect, none. Owner, A. T. Morris, 616 9th avenue, S. F. The dwelling will be erected on the west side of 11th avenue south of Anza street, and will be similar in design to a number of other houses recently erected in the same district by Mr. Morris. The dwelling will contain six rooms and bath. Interior finish will be of pine throughout. Oak floors will be used in the living and dining rooms. There will be a large open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,000. Architect, Maury I. Diggs, 2544 Bowditch avenue, Berkeley. Owner, J. A. Marshall. The dwelling has been designed for a nine-room house, and will be erected on the north side of Keith avenue. Interior finish will be of pine and redwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner

who will do the work by Day Labor. All materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, brick and frame, \$25,000. Architect, Albert Farr, Foxcroft Bldg., S. F. Owner, John H. Spohn. The dwelling has been designed to contain ten rooms, several baths and sleeping porches. A garage of similar construction will also be erected on the property. Interior finish will be of pine and hardwood with oak floors and white enamel. There will be a central heating system, either hot water or steam. Open fire places will be used in several of the rooms. Mantels will be of tile and brick. Bath rooms will be equipped with showers and will have tile floors and wainscot. Automatic water heaters will be installed. Exterior of the dwelling will be covered with pressed brick and cement plaster on metal lath. Plans are now being prepared.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. The house has been designed for a seven-room dwelling with bath and sleeping porch. Interior finish will be of pine and redwood with some hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. The wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

SACRAMENTO, CAL.—Residence, 2 story and base, frame, \$2,000. Architect, none. Owner, W. W. Smith, 416 28th street, Sacramento. The dwelling will be erected on 28th street, and has been designed for a six-room house with bath and sleeping porch. Interior finish will be of pine and redwood. Oak floors will be used in the living and dining rooms. There will be a large open fire place and the mantel in the living room. The wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 1½ story and base, frame, \$2,000. Architect, F. W. Dakin, 10 California street, S. F. Owner, A. G. Kleimert. The house will be erected on Curtis street north of Morse, and will contain six rooms and bath. Interior finish will be of pine and redwood. Oak floors will be used in the principal rooms. There will be a large open fire place in the living room with a brick mantel. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with rustic. Plans are complete and the work will be done by Day Labor under the personal direction of the architect. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$15,000. Architect, C. A. Clausen, Puelan Bldg., S. F. Owner, James Smith. The house will be erected at the corner of 22nd and Lake

streets, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine with some hardwood in the living and dining rooms. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscoting will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. A garage has been provided for in the basement. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1½ story and base, frame, \$2,000. Architect, Alvin J. Stern, 1522 Broadway, Oakland. Owner, A. P. Anderson. The house will be erected on Desmond street, and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine throughout. Oak floors will be used in the dining room, living room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

PLEASANTON, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$10,000. Architects, O'Brien & Werner, Foxcroft Bldg., S. F. Owner, Mr. McKenzie. Contractor, James L. McLaughlin, 244 Kearny street, S. F. Note: The contractor is now in the market for subfigures on the plumbing, electric work, mill work and heating.

LOS ANGELES, CAL.—Gaugens, and Casino, 1 story, reinforced concrete, \$10,000. Architect, Howard W. Wood, 1745 McCadden Place, L. A. Owner, W. F. Markham. Plans are now being prepared for formal gardens and an Italian casino at the home place of Mr. Markham on Vine street. The work will include reinforced concrete and granite, a beautiful marble fountain and other marble and tile work. A tile roof will be used. One of the features of the plan is a large stone pergola. Plans include plumbing and electric work. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

LOS ANGELES, CAL.—Residence alterations, 2 story and base, frame. Cost not stated. Architect, Howard W. Wood, 1745 McCadden Place, L. A. Owner, H. W. Wood. The twelve-room dwelling at 1745 McCadden Place will be altered. Included in this work will be new interior partitions, plumbing, plastering, painting and electric work and heating. Interior finish will be of oak. There will be steam heat with an oil burning furnace. Exterior of the building will also undergo alterations, which have been worked out in the Mission style. Plans are complete and bids will be opened for the work on January 10th.

LOS ANGELES, CAL.—Residence, 2 story and base, frame, \$10,000. Architect, Howard W. Wood, 1745 McCadden Place, L. A. Owner, W. S. Humkins. The house has been designed for a ten-room dwelling with baths and sleeping porches. Interior finish will be

largely of oak and mahogany with hardwood floors throughout. There will be furnace heat and open fire places. Mantels will be of tile. The wainscot and floors will be used in the bath rooms. An automatic water heater will be installed. Roof will be covered with cement shingles. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work is being done by Day Labor under the personal supervision of the architect.

SCHOOLS.

OAKLAND, CAL.—School, 1 and 2 story and base, reinforced concrete. Cost not stated. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. The announcement has been made that the Sound Construction Co., Hearst Bldg., S. F., would complete the work on the Lockwood School. The original contract was awarded to F. J. Anweg, 241 Kearny street. Mr. Anweg was forced to abandon this contract and some work in Bakersfield.

SANGER, FRESNO CO., CAL.—School, 2 story and base, brick, \$15,000. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owners, Sanger Union High School District. The building will contain a number of class rooms, assembly hall, laboratories, manual training and domestic science departments. Interior finish will be of pine with some maple floors. Plans provide for a hot air heating system with complete oil burning equipment. Toilets will have cement floors and tile wainscot. There will be vacuum cleaning and program clocks. Exterior of the building will be faced with pressed brick. Plans will be complete and ready for figures by January 25th. Further mention will be made of the work.

DAVIS, YOLO CO., CAL.—School, 2 story and base, brick, \$50,000. Architects, Cunningham & Polette, First National Bank Bldg., S. F. Owners, Regents of the University of California. The building will contain eight class rooms, an auditorium seating 500 people and teachers' rooms. Interior finish will be of pine and hardwood with maple floors. There will be steam heat and a vacuum cleaning system. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be advertised for in the columns of this paper within a week or ten days.

CHENEY, WASH.—Normal School group 1 and 2 story, concrete and brick buildings. Cost not stated. Architect's name not given. Owners, State of Washington. The Bartlett-Roth Construction Co. of Portland, who secured the contract for the construction of the new Normal School group at Cheney on their bid of \$266,000, have rescinded their contract and have had their certified check returned. The work will be readvertised for figures under slightly revised plans and specifications. This work is now being done, and bids will be called for shortly. No opening date has yet been set. Further announcement will be made in these columns.

LOS ANGELES, CAL.—Orphanage, 2 and 3 story reinforced concrete buildings. Cost not stated. Architect, L. H. Seehorn, 328 Clay street, L. A.

Owners, Sisters of the Sacred Heart. These two buildings will be erected on the property of the order at the corner of Hill and Sunset Boulevard. The two-story structure will be 50 by 98 feet and will be arranged for class rooms on the first floor and dormitories on the second floor. The three-story building will cover an area of 60 by 100 feet, and will contain dining rooms, kitchen, store rooms, boiler room and toilets on the first floor, chapel, play rooms, sewing room and class rooms on the second floor, while the third floor will be arranged for dormitories. Interior finish of both buildings will be of pine and hardwood. Partitions will be of hollow tile. Plans provide for steam heat and an oil burning plant. Marble and tile will be used in the bath rooms. Exterior walls will be faced with pressed brick. Plans are being prepared. Further mention will be made of this work when plans are ready for figures.

EL CENTRO, IMPERIAL CO., CAL.—School, 1 story and base, brick, \$30,000. Architect, Fred T. Harris, Holt Bldg., El Centro. Owners, El Centro School District. The building has been designed to contain eight standard sized class rooms, principal's office and a library. Interior finish will be of pine with maple floors in the class rooms. Plans provide for a modern system of ventilation and metal ceilings. Slate blackboards will be used. Modern plumbing and electric work will be installed. There will be vacuum cleaning and program clocks. Exterior of the building will be faced with pressed brick. Plans are complete and have received the approval of the school trustees and figures will be called for shortly.

Contracts Awarded.

ORLAND, GLENN CO., CAL.—School, 1 and 2 story, brick and concrete. Cost not stated. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Orland School District. Contractors, Graham & Jensen, 185 Stevenson street, S. F. Contract price not stated.

SANGER, FRESNO CO., CAL.—School 1 story and base, brick. Cost not stated. Architect, J. Carl Thayer, Forsythe Bldg., Fresno. Owners, Sanger School District. Contractors, Trewhitt & Shields, Rowell Bldg., Fresno. Contract price not stated.

TULARE, TULARE CO., CAL.—School, 1 story and base, brick, \$16,380. Architect, none. Owners, Tulare School District. Contractors, A. Noble Sons, Visalia. Contract price, \$16,380.

SEWERS, STREET WORK AND WATER SYSTEMS.

BERKELEY, ALAMEDA CO., CAL.—Sewer pipe, reinforced concrete. Cost not stated. Engineer, City Engineer Jessup. Berkeley Owners, City of Berkeley. Bids will be opened on January 14th by the Berkeley Council for furnishing a large amount of reinforced concrete sewer pipe to the city. Further particulars can be secured from the City Engineer.

PORTERVILLE, TULARE CO., CAL.—Pumping plant, 1 story and base, reinforced concrete. Cost not stated. Engineer's name not given. Owners, City of Porterville. Plans are now being prepared for a one-story reinforced concrete pumping plant, which

is to complete the municipal water system in Porterville. Bids will be called for at once. Separate figures will be taken for the construction of the building and for the mechanical equipment. Further mention will be made of the work.

TURLOCK, STANISLAUS CO., CAL.—Irrigation canals, etc. Cost not stated. Engineer, District Engineer, Turlock. Owners, Turlock Irrigation District. Plans are complete and have been approved for the extension of the Turlock Irrigation District known as Cut B. Bids will be received by the directors of the district on January 26th. Further information can be secured from the Irrigation Co. at Turlock.

HANFORD, KINGS CO., CAL.—Dams and ditches. Cost not stated. Engineer, A. J. Nielsen, Hanford. Owner, S. Richardson, San Francisco. Plans are now being prepared for a number of small earth dams and several large ditches in connection with the reclamation project on the 1,000-acre tract near Hanford. Bids will be called for shortly. Full particulars can be secured from either the owner or engineer.

Contracts Awarded.

RICHMOND, CONTRA COSTA CO., CAL.—Sewer construction, \$7,641.92. Engineer's name not given. Owners, City of Richmond. Contractor, William Hen'ey. Contract price, \$7,641.92.

STORES.

SAN FRANCISCO.—Stores, 1 story and base, brick, \$12,000. Architect Earl B. Scott, Humboldt Bank Bldg., S. F. Owners, Davis Street Realty Co. The building will be erected at the northeast corner of Davis and Washington streets, covering an area of 70 by 117 feet. There will be four large stores with cement floors and patent store fronts. Interiors will be finished in pine. A contract for the excavating and grading has already been awarded. Exterior of the building will be faced with pressed brick. Plans are now out for figures.

LOS ANGELES, CAL.—Lofts, 4 story and base. Class C construction. Cost not stated. Architect, Fred R. Dorn. Marsh-Strong Bldg., L. A. Owners, Frank R. Strong and H. H. Cottin. The building will be erected on Spring street between 6th and 7th streets, and will have a frontage of 80 feet by a depth of 120 feet. The first floor will be arranged for stores. Upper floors will contain light lofts. Interior finish will be of pine. There will be steam heat, elevator service, vacuum cleaning plant and automatic sprinkler. Metal window sash and frames and metal lath and plaster interior partitions are specified. Stores will have patent fronts and marble base. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Offices, 12 story and base. Class A construction. Cost not stated. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Abram Haas. The building will be erected at the northeast corner of 7th and Broadway, covering an area of 53½ feet by 150 feet. Construction will be of the Class A type throughout, with a complete steel frame, concrete floors and walls, faced

with terra cotta. Interior finish will be of mahogany and metal. Plans provide for a total of 225 offices on the upper floors and a number of stores on the ground floor. Interior partitions will be of hollow tile and metal lath and plaster. There will be one freight elevator and three passenger elevators. Marble and tile will be used extensively. There will be steam heat, vacuum cleaning plant and mail chutes. Metal window sash and frames and patent store fronts are specified. Working drawings are nearly complete and figures will be called for shortly.

LOS ANGELES, CAL.—Offices, 12 story and base. Class A construction. Cost not stated. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, William G. Kerckhoff. The building will be erected at the northwest corner of Sixth and Los Angeles streets, covering an area of 121 by 150 feet. The building will have a complete steel frame, reinforced concrete floors and walls. There will be a number of stores on the first floor and in the neighborhood of 500 offices on the upper floors. Interior finish will be of hardwood and metal. Hollow tile and metal lath and plaster partitions will be used. Plans provide for steam heat elevators, mail chutes, vacuum cleaning system and metal window sash and frames. Marble and tile will be used in the corridors. There will be sidewalk doors, lifts and lights and patent store fronts. Exterior of the building will be faced with glazed brick and terra cotta. Plans are now being prepared.

ST. HELEN, WASH.—Stores and offices 2 story and base, reinforced concrete, \$20,000. Architect, C. A. Houghtall, Henry Bldg., Portland. Owner, E. R. Anderson. The building will cover an area of 86 by 140 feet. The first floor will contain stores and a commercial garage. Upper floor will be arranged for modern offices. Interior finish will be of pine and hardwood. There will be a cement floor, metal window sash and frames and special gasoline storage tanks. Exterior of the building will be faced with cement plaster. Plans are being prepared.

STRATHMORE, TULARE CO., CAL.—Store alterations and additions, 2 story, brick. Cost not stated. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owners, Balfour-Guthrie Co. The present two-story building will be altered into modern offices. The work will include a new heating system, interior partition work, plumbing, painting and electric installations. Exterior will not be altered. Plans are being prepared.

SEASIDE, ORE.—Stores and offices, 2 story and base, reinforced concrete, \$25,000. Architect, F. Manson White. Seaside. Owner, Alex. Gilbert. The building will cover a considerable ground area, and will contain stores on the first floor and a number of modern offices on the second floor. Interior will be finished in pine and hardwood. Interior partitions will be of hollow tile and metal lath and plaster. There will be steam heat, a hot water supply and metal window sash and frames. Exterior of the building will be faced with cement plaster. Plans

are complete and figures will be opened about February 1st.

Contracts Awarded.

LOS ANGELES, CAL.—Offices, 3 story and base. Class C, \$37,418. Architect, Myron Hunt, Union Oil Bldg., L. A. Owners, Standard Oil Co. Contractors, Earl F. Low & Co., Byrne Bldg., L. A., general construction, not including heating, elevator, vacuum cleaning, finish hardware, lighting fixtures and vault doors. Contract price, \$37,418.

LOS ANGELES, CAL.—Store, 1 story and base, brick, \$4,000. Architects, Krenple & Erick, Henth Bldg., L. A. Owner, J. Glick. Contractor, George E. Talbert, 221 East Avenue 28, L. A. Contract price, \$4,000.

LOS ANGELES, CAL.—Stores and dance hall, 2 story and base, brick, \$20,000. Architect, A. Larence Valk, Stimson Bldg., L. A. Owner, Henry Laub, Contractor, A. E. Harshman, Black Bldg., L. A. Contract price, \$20,000.

THEATRES.

Contracts Awarded.

ALAMEDA, CAL.—Theatre and amusement park, and baths, concrete and frame construction, \$150,000. Architect, John B. Carson, Bacon Bldg., Oakland. Owners, Sunnyvee Beach Co. Contractor, John B. Carson, Bacon Bldg., Oakland. Contract price, \$150,000.

HIGHLAND PARK, LOS ANGELES CO., CAL.—Theatre, 1 story and base, concrete and frame, \$15,000. Architect, A. L. Valk, Stimson Bldg., L. A. Owner, Mr. Gore. Contractor, Harshman, Story Bldg., L. A. Contract price, \$15,000.

SEALED PROPOSALS.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 118—Proposals for Signal Cable and Cable End Bells and Filling Compound for Same and Vitriol Salt-Glazed Conduit.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. January 21, 1914, at which time they will be opened in public, for furnishing the above mentioned articles. Bids and general information relative to this circular (No. 118) may be obtained from this office or the general purchasing agent, 1086 North Point street, San Francisco Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash., Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR MECHANICAL EQUIPMENT.

MECHANICAL EQUIPMENT—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at 3 p. m. February 16, 1914, for the mechanical equipment (except roof drainage and elevators) of the United States post office at Denver, Colo. Drawings and specifications may be obtained on or after January 5, 1914, at the discretion of the supervising architect. O. WENDERTH, supervising architect.

PROPOSALS FOR PLUMBING.

OFFICE OF THE BOARD OF PUBLIC WORKS OF THE CITY AND COUNTY OF SAN FRANCISCO.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 10th day of January,

1914, for doing the following work, including the furnishing of the necessary labor and materials thereof, to wit:

The plumbing work of the City Hall. Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works and completed within the time limit as set forth in the specifications.

The amount of bond for faithful performance of contract has been fixed as follows:

Proposition No. 1, \$12,000.00.

Proposition No. 2, \$3,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. F. J. CHURCHILL, Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS OF THE CITY AND COUNTY OF SAN FRANCISCO.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 21st day of January, 1914, for furnishing and delivering the following material:

A quantity of copper rail bonds for the Municipal Railway system.

Said material must be in accordance with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and delivery within the time limit set forth in said specifications. The amount of the bond for faithful performance of the contract has been fixed at \$2,000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County, for an amount not less than ten per centum of the aggregate of the proposal, and no proposal will be considered unless accompanied by such check.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. F. J. CHURCHILL, Secretary.

PROPOSALS FOR STATE HIGHWAY WORK.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock p. m. on February 2nd, 1914, at which time they will be publicly opened and read for the construction in accordance with the specifications, to which special reference is made, portions of State highway as follows:

El Dorado County from El Dorado to Placerville (III-E-D-14-C), about 6 1/2 miles in length, to be built of water-bound macadam.

The same County from the Western Boundary to Keystone (III-Two-13-A), about 10.8 miles in length, to be graded.

Tulare County from Traver to the Northern Boundary (VI-Tul-4-E), about 5.3 miles in length, to be built of Portland cement concrete.

Kern County from Lerdo to Famosa (VI-KER-4-E), about 8.9 miles in length, to be built of Portland cement concrete.

Kern County from Bakersfield to Lerdo (VI-Ker-1-D), about 10.1 miles in length, to be built of Portland cement concrete.

San Bernardino County from the Western Boundary to Upland (VII-S, Rd-9-D), about 1.7 miles in length to be graded.

be built of Portland cement concrete. Ventura County from Ventura to Sea Cliff (VII-Ven-2-D & E), about 7.7 miles in length, to be built of Portland cement concrete.

San Luis Obispo County from Santa Margarita to Atascadero Creek (V-S, L, O-2-C), about 8.1 miles in length, to be built of Portland cement concrete.

San Luis Obispo County from Paso Robles to the Northern Boundary (V-S, L, O-2-A), about 10.6 miles in length, to be built of Portland cement concrete.

Santa Cruz County from the Eastern Boundary to Glenwood (IV-S, Cr-5-A), about 5.7 miles in length, to be graded.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained, at the said office and they may be seen at the offices of the Division Engineers of the divisions in which the work is situated. The Division Engineers' offices are located at Hills, Redlands, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on the blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any all bids or to accept the bid deemed for the best interests of the State.

TERESA M. DARLINGTON, California Highway Commission, 515 Forum Bldg., Sacramento, Cal., until 2 o'clock p. m. on February 2nd, 1914, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, portions of State highway as follows:

El Dorado County from El Dorado to Placerville (III-E-D-11-C), about 6 1/2 miles in length, to be built of water-bound macadam.

Tulare County from the Western Boundary of Keystone (III-Two-13-A), about 10.8 miles in length, to be graded.

Tulare County from Traver to the Northern Boundary (VI-Tul-4-E), about 5.3 miles in length, to be built of Portland cement concrete.

Kern County from Lerdo to Famosa (VI-Ker-4-E), about 8.9 miles in length, to be built of Portland cement concrete.

Kern County from Bakersfield to Lerdo (VI-Ker-1-D), about 10.1 miles in length, to be built of Portland cement concrete.

San Bernardino County from the Western Boundary to Upland (VII-S, Rd-9-D), about 1.7 miles in length, to be built of Portland cement concrete.

Ventura County from Ventura to Sea Cliff (VII-Ven-2-D & E), about 7.7 miles in length, to be built of Portland cement concrete.

San Luis Obispo County from Santa Margarita to Atascadero Creek (V-S, L, O-2-C), about 8.1 miles in length, to be built of Portland cement concrete.

San Luis Obispo County from Paso Robles to the Northern Boundary (V-S, L, O-2-A), about 10.6 miles in length, to be built of Portland cement concrete.

Santa Cruz County from the Eastern Boundary to Glenwood (IV-S, Cr-5-A), about 5.7 miles in length, to be graded.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained, at the said office and they may be seen at the of-

Proposals.

**STATE OF CALIFORNIA
DEPARTMENT OF ENGINEERING
CALIFORNIA HIGHWAY COMMISSION**

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Bldg., Sacramento, Cal., until 2 o'clock p. m. on February 2nd, 1914, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, portions of State highway as follows:

El Dorado County from El Dorado to Placerville (III-E-D-11-C), about 6 1/2 miles in length, to be built of water-bound macadam.

Tulare County from the Western Boundary of Keystone (III-Two-13-A), about 10.8 miles in length, to be graded.

Tulare County from Traver to the Northern Boundary (VI-Tul-4-E), about 5.3 miles in length, to be built of Portland cement concrete.

Kern County from Lerdo to Famosa (VI-Ker-4-E), about 8.9 miles in length, to be built of Portland cement concrete.

Kern County from Bakersfield to Lerdo (VI-Ker-1-D), about 10.1 miles in length, to be built of Portland cement concrete.

San Bernardino County from the Western Boundary to Upland (VII-S, Rd-9-D), about 1.7 miles in length, to be built of Portland cement concrete.

Ventura County from Ventura to Sea Cliff (VII-Ven-2-D & E), about 7.7 miles in length, to be built of Portland cement concrete.

San Luis Obispo County from Santa Margarita to Atascadero Creek (V-S, L, O-2-C), about 8.1 miles in length, to be built of Portland cement concrete.

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ices of the Division Engineers of the divisions in which the work is situated. The Division Engineers' offices are located at Willets, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the 'Notice to Contractors' annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any and all bids or to accept the bid deemed for the best interests of the State.

BURTON A. TOWNE,
CHAS. D. CANEY,
NEWELL D. DAILINGTON,
California Highway Commission.
AUSTIN B. FLETCHER,
California Highway Engineer.
WILSON R. ELLIS, Secretary.

Dated, December 31, 1913. (S)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 10:00 A. M. Thursday, January 22nd, 1914, for the construction of **The Court of Palms and Flowers** in accordance with the specifications on file in the office of the Director of Works.

Separate proposals will be allowed on Wiring and on Water and Drain Piping.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids or to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$50.00 which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee,
WILLIAM H. CROCKER,
Chairman. (S)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 10:00 A. M. Thursday, January 22nd, 1914, for the construction and installation of **new Court of Abundance and Court of Flowers** in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of (10) per cent of the amount bid,

or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids or to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$50.00 which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee,

WILLIAM H. CROCKER,
Chairman.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 816—Proposals for the Purchase of Miscellaneous Iron and Steel Scrap Offered for Sale by the Isthmian Canal Commission and which is No Longer Needed.—Sealed proposals will be received at the office of the general purchasing officer of the Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. January 22, 1914, at which time they will be opened in public, for purchasing the above mentioned articles. Plans and general information relating to this circular (No. 816) may be obtained from this office or the office of the assistant purchasing officer, 1084 North Point Street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

COURT OF PALMS AND FLOWERS

—Frame and concrete. Cost not stated. San Francisco, Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans have been completed and approved for the general construction of the Court of Palms and Flowers. All work except piling will be included in the contract. Separate bids may be submitted for the electric work, water and drain pipes. Bids will be opened on January 22 at 10 o'clock by the Buildings and Grounds Committee. Plans and specifications can be secured from the Director of Works, Service Bldg. Official proposal appears under another heading in this issue.

ESTATE BUILDING—2 story, log construction. Cost not stated. San Francisco. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, State of Oregon. Bids received for this work, excluding interior partitions and finish, electric work and plumbing, show Foster-Vogt Co. low at approximately \$34,000. An award of contract has not yet been made. Bids will be called for shortly on the balance of the work.

MORGUE COMPLETION—2 story and base. Class A construction. Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall. Owners, City and County of San Francisco. Plans have been completed and approved for the finishing construction on the City Morgue. Bids are now being called for and will be opened on January 21st by the Board of Public Works. Plans and specifications can be secured from the office of the Department of Architecture. An official proposal appears in this issue under the heading of Official Advertising.

APARTMENT HOUSE—7 story and base, reinforced concrete. \$2,000. San Francisco. Architect, J. C. Hladik, Menadnock Bldg., S. F. Owner's name withheld. The building will be erected at the corner of Pine and Powell streets, and has been designed to contain 100 rooms, which will be arranged in 42 apartments. Interior finish will be of pine and hardwood with oak

floors in the principal rooms. Plans provide for steam heat, elevator service, a vacuum cleaning plant and hot water supply. Bath rooms will have tile wainscot and composition floors. All suites will be equipped with wall beds. Entrance will be finished in marble and tile. Exterior of the building has been designed in the English Gothic style, and will be faced with cement plaster. Plans are complete and figures will be called for shortly.

APARTMENT HOUSE—3 story and base, frame. \$20,000. San Francisco. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner's name withheld. The building will be erected at the corner of Pine and Stockton streets, and will be arranged for six suites of six and seven rooms. Interiors will be finished in pine and hardwood with oak floors in the principal rooms. There will be steam heat, automatic elevator, a vacuum cleaning system and hot water supply. Bath rooms will have tile floors and wainscot. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared and figures will be called for shortly.

APARTMENT HOUSE—7 story and base, steel and reinforced concrete. \$120,000. San Francisco. Architect, T. Patterson Ross, 316 California street. S. F. Owners, Greenwich Street Apartment Co. The building will have a complete steel frame, reinforced concrete walls and floors. Interior partitions will be of hollow tile and metal lath and plaster. The building has been designed to contain large suites of six and seven rooms, and will cover a ground area of 70 by 100 feet. Interiors will be handsomely finished in pine and hardwood. Oak floors will be used in the halls and principal rooms. Plans provide for steam heat, elevator equipment and an oil burning plant. There will be a vacuum cleaning system and hot water plant. Bath rooms will have tile floors and wainscot. Entrance will be finished in marble. Exterior of the building will be faced with white cement plaster. Plans for the steel work are now out for fig-

ures. Bids will shortly be called for on other parts of the work.

WAREHOUSE ADDITION—6 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, G. A. Applegarth, Call Bldg., S. F. Owner, Martin Bekins. A contract has been let to the Daniel O'Day Co. for the grading and bulkheading for a six story addition to the Bekins Van and Storage Co.'s building on Otis street north of Duhoce. The structure will cover an area of 70 by 100 feet, and will be fireproof throughout. Interior has been arranged for a number of small compartments besides larger storage lofts. There will be reinforced concrete floors, walls and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. Plans provide for freight elevators and metal window sash and frames and fireproof doors. Exterior of the building will be faced with cement plaster. Plans are now out for figures.

LAUNDRY—2 story and base, reinforced concrete, \$10,000. San Francisco. Architects, Fabre & Bearwald, Merchants National Bank Bldg., S. F. Owner, Mr. Betcabe. The building will be erected on the south side of Ellis street west of Hyde. The first floor will contain the laundry and upper floor will be subdivided into a number of rooms which will be occupied by the employees. Interior finish will be of pine throughout. There will be a cement floor on the ground floor. Patent store fronts will be used. Exterior of the building will be faced with marble and cement plaster. Plans are complete and figures are now being taken.

FLATS—2 story and base, frame, \$4,000. San Francisco. Architect, none. Owner, Mary Gillen, 1600 Newcombe avenue. The building will be erected on the west side of Mendell, and will have a frontage of 24 feet and a depth of 50 feet. Interior has been arranged for two modern flats of five rooms and bath each. Pine and redwood will be used for finish, while some oak floors are specified. Bath rooms will have composition floors and tile wainscot. There will be an open fire place and tile mantel in each of the living rooms. Exterior of the building will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

FLATS—3 story and base, frame, \$3,000. San Francisco. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, D. Hader. The building has been designed to contain three small flats and will be erected on a 20-foot lot on the south side of Fell street west of Divisadero. Interiors will be finished in pine and redwood. Oak floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor. Materials are being purchased.

HOSPITAL WORK, WALKS, ETC.—Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans and specifications for grading walks, yards and roads and for con-

structing sidewalks at the San Francisco Hospital have been completed. Bids are now being called for and will be opened by the Board of Public Works on January 21st. Plans can be had from the Department of Architecture.

HOTEL—6 story and base, reinforced concrete, \$30,000. San Francisco. Architect, O. R. Thayer, Merchants National Bank Bldg., S. F. Owner's name withheld. The building will be erected on Bush street near Kearny, and will contain a number of guest rooms, about 70 per cent of which will have private baths. Interior finish will be of pine and hardwood veneer. There will be steam heat, elevator service and a hot water supply. Bath rooms will have composition floors and tile wainscot. A tile floor will be used in the lobby. Exterior of the building will be faced with cement plaster. Plans are being prepared and figures will shortly be taken.

HOTEL—7 story and base, brick and steel, \$120,000. San Francisco. Architect, G. B. Ashcroft, Balboa Bldg., S. F. Owner, C. A. Hooper. This work has been mentioned here before. Plans are complete and figures are being taken. The building will be erected on the north side of O'Farrell street adjoining the Alcazar Theatre on the east. The building will have a frontage of 50 feet and a depth of 137½ feet. Plans provide for two stores, office, lobby and two dining rooms on the first floor. Upper floors will be arranged for a total of 120 guest rooms, all of which will have private baths. Interior finish will be of pine and hardwood. Bath rooms will have composition floors and tile wainscot. There will be steam heat, elevator service, vacuum cleaning and hot water supply. Exterior of the building will be faced with pressed brick. Segregated figures are being taken.

HOTEL—3 story and base, brick and steel. Cost not stated. San Francisco. Architects, Rigbetti & Headman, Phelan Bldg., S. F. Owner, J. Allec. This building will be erected on Mission street between 17th and 18th streets. There will be stores besides the hotel lobby on the first floor. Upper two floors will be arranged for a number of single rooms and baths. Interior finish will be of pine and redwood. There will be steam heat and a hot water system. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$6,500. San Francisco. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owner, Earl Martin, Emporium. The dwelling has been designed for an eight-room house and will be erected in West Lake Park. Interior finish will be of pine and redwood with some hardwood veneer. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will let all contracts.

RESIDENCE—2 story and base, frame, \$2,100. San Francisco. Owner, A. T. Morris, 616 9th avenue, S. F. The dwelling will be erected on the west side of 11th avenue south of Anza street, and will be similar in design to a number of other houses recently erected in the same district by Mr. Morris. The dwelling will contain six rooms and bath. Interior finish will be of pine throughout. Oak floors will be used in the living and dining rooms. There will be a large open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$13,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner's name withheld. The building will be erected on the east side of 9th street between Harrison and Bryant streets, covering an area of 25 by 100 feet. There will be one store on the first floor besides the entrance. Upper floors will contain ten suites of two and three rooms with private baths. Interior finish will be of pine and redwood with some elm panels. Bath rooms will have composition floors and tile wainscot. Plans provide for steam heat and a hot water system. Exterior of the building will be covered with cement plaster on metal lath and brick veneer. Plans are complete and figures are now being taken.

APARTMENT HOUSE—2 story and base, frame, \$10,000. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, Mr. McGowan. The building will be erected on Market street near 19th, and will contain a store on the first floor and four suites of three rooms each on the upper floor. Interior finish will be of pine throughout. All apartments will have wall beds and private baths. Bath rooms will be finished in tile and will have composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and contracts will be signed at once.

APARTMENT HOUSE—3 story and base, Class C construction. Cost not stated. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owners, Solomon and Gossilinc. The building will be erected on a 20-foot lot on Powell street near Washington, and will have a depth of 70 feet. Interior has been arranged for five apartments of two and three rooms. Interior finish will be of pine and elm. Oak floors will be used in the living rooms and halls. There will be steam heat and a hot water system. Bath rooms will have composition floors and tile wainscot. All apartments will be equipped with wall beds. Entrance will be finished in tile and marble. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be called for shortly.

HOTEL—3 story and base, frame, \$25,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, Mr. Mitchell. Contractor, L. Rose, general construction; The

Turner Co. plumbing; Atlas Heating and Ventilating Co. heating and oil burners. Pacific Gas and Electric Co. electric work, and the General Building Works Co. the foundation work

GRAND STAND, BLEACHERS, ETC.—\$50,000. San Francisco. Architect, Walter J. Mathews. 927 Broadway. Oakland. Owners, Recreation Park Association. Plans for one of the finest baseball parks in the west are complete and work has been started on the grading and concrete work. The park will be located on Masonic avenue and St. Rose street. Bids are now being taken on the carpenter work which includes over 1,600,000 feet of lumber. The grading and concrete work is being done by the Sunset Construction Co., Lick Bldg., S. F.

CONSTRUCTION OF SEWERS, ETC.—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans are complete for the construction and installation of sewers in the Exposition grounds. Bids will be opened by the Buildings and Grounds Committee on January 22nd. Plans and specifications can be secured from the Director of Works, Service Bldg. An official proposal appears in another column of this issue.

RESIDENCE—1½ story and base, frame. \$2,000. San Francisco. Architect, F. W. Dakin. 210 California street. S. F. Owner, A. G. Kleinhert. The house will be erected on Curtis street north of Morse and will contain six rooms and bath. Interior finish will be of pine and redwood. Oak floors will be used in the principal rooms. There will be a large open fire place in the living room with brick mantel. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with rustic. Plans are complete and the work will be done by Day Labor under the personal direction of the architect. Materials are now being purchased.

RESIDENCE—2 story and base, frame. \$4,500. San Francisco. Architect, C. O. Clausen. Phelan Bldg., S. F. Owner, James Smith. The house will be erected at the corner of 22nd and Lake streets, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine with some hardwood in the living and dining rooms. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. The wainscoting will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. A garage has been provided for in the basement. Plans are being prepared.

SPORES—1 story and base, brick. \$12,000. San Francisco. Architect, Earl B. Scott. Humboldt Park Bldg., S. F. Owners, Davis Street Realty Co. The building will be erected at the northeast corner of Davis and Washington streets, covering an area of 70 by 117 feet. There will be four large stores with cement floors and patent store fronts. Interiors will be finished in pine. A contract for the excavating and grading has already been awarded. Exterior of the building will be

facied with pressed brick. Plans are now out for figures.

Richmond Tunnel Bids Are Opened.

Local Firm of Shattuck, Edinger & Co., Awarded the Work and Construction will start in Thirty Days.

The following bids were received for the construction of the tunnel and highway project in Richmond. A contract has been awarded to the Shattuck, Edinger Co., 268 Market street, on their bid of \$232,084.16.

Shattuck, Edinger & Co., 2nd Class, \$232,084.16; 1st Class, \$230,317.76.
Blake & Bilger Co., 2nd Class, \$272,333.91; 1st Class, \$298,672.66.
William Healey, 2nd Class, \$281,305.46; 1st Class, \$294,980.66.
Mahoney Bros., 2nd Class, \$290,910.99; 1st Class, \$306,409.55.
Bates, Borland & Ayers, 2nd Class, \$295,153.88; 1st Class, \$311,564.12.
Edward Malley, 2nd Class, \$326,063.07; 1st Class, \$338,826.59.
Robt. E. Storrie, 2nd Class, \$329,761.23; 1st Class, \$340,704.39.
Grant, Smith & Co., 2nd Class, \$334,503.94; 1st Class, \$347,273.46.
Healey, Tibbitts Co., 2nd Class, \$323,841.13; 1st Class, \$350,471.01.
McArthur Bros., 2nd Class, \$343,296.28; 1st Class, \$354,236.44.

Building Contracts Awarded

San Francisco.

No.	Owner	Contractor	Amt.
33	Corley	Petersen	4225
34	Children's Hosp.	Wetzel	2100
35	Berkins	O'Leary	1850
36	Parnassus Hall	Cavanagh	25200
37	Montg Bk	Francochia	5700
38	Jacobs	Davis	5700
39	Yates	Same	1500
40	Same	Same	1800
41	O'Callaghan	Stable	400
42	Victor	Victor	400
43	S. F. Disposal	Owner	1400
44	Salet	Pene	400
45	Maxwell	Maxwell	400
46	Norton	Police	4900
47	Morris	Morris	2100
48	Aeady Science	McClintock	329.85
49	Same	Farrell	55500
50	Roscelli	Ghezzi	3275
51	McIntosh	Diinucci	4000
52	Dettnier	McMullin	3995
53	Hadeler	Hadeler	3000
54	Yates	Moore	1500
55	Herold	Hardy	450
56	Launce	Launce	450
57	Mt. Zion Hspl	Owner	700
58	Same	Forbes	5000
59	Same	Same	4000
60	Cerf	Spencer	1900
61	P. J. E.	Roland	309150
62	Jacobs	Perbes	8450
63	Grosb	Atlas Hing	2500
64	Same	Parafine	243
65	Yates	Rose	725.6
66	Same	McCarthy	970
67	Bingley	Brown	5058
68	Jannson	Jannson	1400
69	Altwater	Bergner	3600
70	Coppler	Levi	4000
71	Keystone	Brumfield	1500
72	Toffen	Toffen	4000
73	Gillen	Gillen	4000
74	Gardner	Gardner	2300
75	Wells Fargo Bk.	Sullivan	2825
76	Davis St. Rity.	Stankist	550
77	San Francisco	Jo	1758
78	York Rity	Decker	581
79	Same	Zeinsky	877
80	Same	Cochran	1517
81	Same	O'Melia	675
82	Anderson	Anderson	1750
83	Carlson	Carlson	1800
84	Monte	Monte	650
85	Joost	Pessett	400
86	Kleinhert	Kleinhert	2000

87	Nelson	Nelson	450
88	Illmer	Parry	1060
89	Sylvia	Sylvia	1250
90	Herman	Lamont	500
91	Takamura	Takamura	1000
92	Robbins	Fink	450
93	Selig	Brumwick	500
94	Hickey	Parkside H B	2700
95	Sutherland	Kineanon	145000
96	Gintje	Hinson	13740
97	Talbot	McLean	34000
98	McGaw	Marcussen	9784
99	Davidow	Elders	3260
100	Portuguese Bk	Graham	9500

(33) W DOLORES 51-6 N Army W 114X N '25. All work except finish hardware, shades and lighting fixtures for alterations and additions to two-story frame into apartments. Owner.....Michael and Celia Corley, 1330 Dolores, San Francisco. Architect.....Ernest U. Essmann, 3805 24th, San Francisco. Contractor.....Elmar Petersen, 3530 23rd, San Francisco.

Filed Jan. 5, '14. Dated Jan. 3, '14. Frame up\$1150
Brown coated 1150
Balance, \$2025, monthly installments of \$50 per month.....

TOTAL COST, \$1325

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(34) S SACRAMENTO 87-6 W Maple W 187-6 S 132-7 1/2 W 137-6 S 132-7 1/2 E 412-6 N 165-2 1/4 W 87-6 N 100. Plumbing for four-story and basement Class "C" addition to Nurses' Home. Owner.....Hospital for Children and Training School of Nurses, California, W Maple, S. F. Architect.....Ward & Blohme, Alaska Commercial Bldg., S. F. Contractor.....Theodore Wetzel Jr. 180 Jessie, San Francisco.

Filed Jan. 5, '14. Dated Dec. 29, '13. Roughing in completed.....\$787.50
Completed and accepted..... 787.50
36 days after..... 525.00

TOTAL COST, \$2100.00

Bond, \$1050. Surety, Fidelity & Deposit Co. of Maryland. Limits, as soon as possible. Forfeit, none. Plans and specifications filed.

(35) W OTIS 79 N Duboce N 55-10 NW 272-7 1/2 SW 95-0-8 SE 287-5. Excavating, grading and bulk heading for addition to warehouse. Owner.....Martin Bekins, 190 Otis, San Francisco. Architect.....G. A. Applegarth, Call Bldg., San Francisco. Contractor.....The Daniel O'Day Co., 14th and Belcher, S. F.

Filed Jan. 5, '14. Dated Jan. 3, '14. On 1st and 15th of each month 75% Usual 35 days..... 25%

TOTAL COST, \$1850

Bond, none. Limit, 30 days after Jan. 5, '14. Forfeit, none. Plans and specifications filed.

(36) SW NINTH AVE AND JUDAH W 57-6 N 100 E 57-6. All work except hot water heating apparatus and exhaust ventilating system for lodge and banquet room for three-story frame stores and lodge rooms. Owner.....Parnassus Hall Ass'n., Inc. Architect.....C. A. Huber, 355 25th Ave, San Francisco. Contractor.....T. A. Cavanagh, 180 Jessie, San Francisco.

Filed Jan. 5, '14. Dated Dec. 31, '13. Foundation and rough framing completed\$6300

Exterior finish and plaster done 6300
Completed 6300
Usual 35 days..... 6300
TOTAL COST, \$25,200
Bond, \$12,600. Sureties, D. O. Druffel
and Fred Beaver. Limit, 90 days.
Forfeit, \$50. Plans and specifications
filed.

(37) SE MONTGOMERY & WASH-
ington. Carpenter, mill, plaster, iron
and electric work, glazing, plumbing
painting and tinting for alterations
and additions to four-story and base-
ment brick building being SE por-
tion Montgomery Building.

Owner.....Montgomery Block Real
Estate Association, Prem.
Architect...Righetti & Headman,
Phelan Bldg., S. F.
Contractor...Farnochia Petri & Co.,
337 Chestnut, S. F.
Filed Jan. 5, '14. Dated Dec. 11, '13.
Inside timbering in place and
floors laid\$1425
Plastering completed 1425
Completed and accepted..... 1425
Usual 25 days..... 1425
TOTAL COST, \$3700
Bond, \$2850. Sureties, Angelo Serrante
and Jos. Mosca. Limit, 60 days. For-
feit, none. Plans and specifications
filed.

(38) N WASHINGTON 145 W Drumm
N 120 W 40 S 60 E 20 S 60 E 20. All
work for one-story Class "C" store
building.

Owner.....Albert Jacobs.
Architect...O'Brien Bros., Inc., 519
California, San Francisco.
Contractor...Thomas E. Davis & Son,
2321 Larkin, San Francisco
Filed Jan. 5, '14. Dated Dec. 12, '13.
Concrete foundation in and brick
work up to 1st floor level.....\$1425
Brick work completed and build-
ing roofed 1425
Completed and accepted..... 1425
Usual 35 days..... 1425
TOTAL COST, \$3700
Bond, \$2850. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 40 days.
Forfeit, \$750. Plans and specifications
filed.

(39) W TWENTIETH AVE 225 S
Anza. One and one-half-story and
basement frame residence.
Owner.....Jeanette Yates, 235 21st
21st Ave., San Francisco.
Architect...Martin A. Schmidlin, 1515
Jackson, San Francisco.
Contractor...Yates & Moore, 335 21st
Ave., San Francisco.
COST, \$1800

(40) W TWENTIETH AVE 206 S
Anza. One and one-half-story and
basement frame residence.
Owner.....Jeanette Yates, 235 21st
21st Ave., San Francisco.
Architect...Martin A. Schmidlin, 1515
Jackson, San Francisco
Contractor...Yates & Moore, 335 21st
Ave., San Francisco.
COST, \$1800

(41) W BAKER 137 1/2 N Vallejo. Ralse
residence and add one story.
Owner.....Margaret and Annie O'Cal-
laghan, 658 Fell, S. F.
Architect...None.
Contractor...J. Stahle, — 5th Ave., S. F.
COST, \$400

(42) NO. 118 UPPER TERRACE.
Minor changes to dwelling and store
Owner.....J. V. Victor, 1838 Ellis,
San Francisco.
Architect...None
Day's work. COST, \$400

(42) NE EVANS AND KEITH. Two-
story frame warehouse.
Owner.....S. F. Disposal Co., Prem.
Architect...None.
Day's work. COST, \$1400

(44) NO. 391 THIRTIETH. Repair
roof and dry room.
Owner.....V. Salet, Premises.
Architect...None.
Contractor...J. Pene, 1655 1/2 Mason,
San Francisco.
COST, \$400

(45) NO. 728 CLEMENT. Move and
alter cottage.
Owner.....Elizabeth F. Maxwell, 728
Clement, San Francisco.
Architect...None.
Day's work. COST, \$400

(46) W ELEVENTH AVE 25 S Anza.
Two-story and basement frame dwlg.
Owner.....A. T. Morris, 616 9th Ave.,
San Francisco.
Architect...None
Day's work. COST, \$2100

(47) IN GOLDEN GATE PARK in plot
SE of Band Stand. Granite and
limestone work for Museum Bldg.
Owner.....California Academy of
Sciences.

Architect...Lewis P. Hobart, Crocker
Bldg., San Francisco.
Contractor...The McGilvray Stone Co.,
7th and Townsend, S. F.
Filed Jan. 6, '14. Dated Dec. 16, '13.
On 15th of each month..... 75%
Usual 35 days..... 32,695
TOTAL COST, \$32,695

Bonds, \$16,250, owner: \$16,250 material
men. Sureties, Jno. D. McGilvray and
Robert Dewar. Limit, April 1, 1914.
Forfeit, \$25. Plans and specifications
filed.

(48) BRICK WORK. CONCRETE
work and reinforced concrete work
on above.

Contractor...Farrell & Reed, M. A.
Gunst Bldg., S. F.
Filed Jan. 6, '13. Dated Dec. 16, '13.
Payments same as above.....
TOTAL COST, \$55,500
Bond, \$27,750. Surety, The Aetna Ac-
cident & Liability Co. Limit, May 1,
1914. Forfeit, \$50. Plans and spec-
ifications filed.

(50) NW PEIFFER & BELLAIR PL.
All work for two-story frame flats.
Owner.....G. Roscatti, Florida D'Italia
Restaurant, S. F.
Architect...Louis Mastropasqua, 580
Washington, San Francisco.
Contractor...G. Ghezzi and C. Fiorini.
Filed Jan. 6, '14. Dated Jan. 6, '14.
Rough frame up and roof on.....\$875
1st coat plaster on..... 800
Completed and accepted..... 800
Usual 35 days..... 800
TOTAL COST, \$3275

Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(50) N TWENTY-FOURTH 25 E
Vicksburg E 25xN 75. All work ex-
cept mill work, gas fixtures and

shades for three-story frame store
and flats.
Owner.....Catherine Norton, 499-A
Dolores, San Francisco.

Architect...None.
Contractor...Patrick H. Pierce, 2971
23rd, San Francisco.

Filed Jan. 6, '14. Dated Jan. 3, '14.
3rd story joists in place.....\$1240
Enclosed and brown coated..... 1240
Completed and accepted..... 1240
Usual 35 days..... 1240
TOTAL COST, \$4600

Bond, \$2480. Surety, American Surety
Co. of New York. Limit, 120 days.
Forfeit none. Plans and specifications
filed.

(51) SW LOMBARD AND SCOTT W
50xS 100. Grading, concrete and ce-
ment work for three-story and base-
ment frame store and hotel.
Owner.....Edw. H. Mitchell, 3363
Army, San Francisco.
Architect...Chas. J. Rousseau, 46
Kearny, San Francisco.
Contractor...G. Cuneo, F. Dinucci and
G. Cazarri (as The General
Bldg Work Co.)

Filed Jan. 6, '14. Dated Dec. 29, '13.
Grading, filling and foundation
work done\$1000
Completed and accepted..... 500
Usual 35 days..... 500
TOTAL COST, \$2000

Bond, \$1250. Surety, J. P. Bacigalupi.
Limit, 14 days. Forfeit, none. Plans
and specifications filed.

(52) S PINE 39-9 E St Anne 20x60.
Excavation, grading, concrete, brick
steel, iron and frame work, plumb-
ing, carpenter, mill, roofing, tinning,
plaster and painting for two-story
Class "C" brick building.
Owner.....E. H. Dettner, 26 Hill, S. F.
Architect...None.
Contractor...McMullin & Co., 501 Baker,
San Francisco.

Filed Jan. 6, '14. Dated Dec. —, '13
1st floor joists in.....\$1000
Ready for roof..... 995
Completed and accepted..... 1000
Usual 35 days..... 1000
TOTAL COST, \$3995

Bond, \$2000. Surety, Chicago Bonding
& Surety Co. Limit, 60 days after Dec.
29, 1913. Forfeit, none. Plans and
specifications filed.

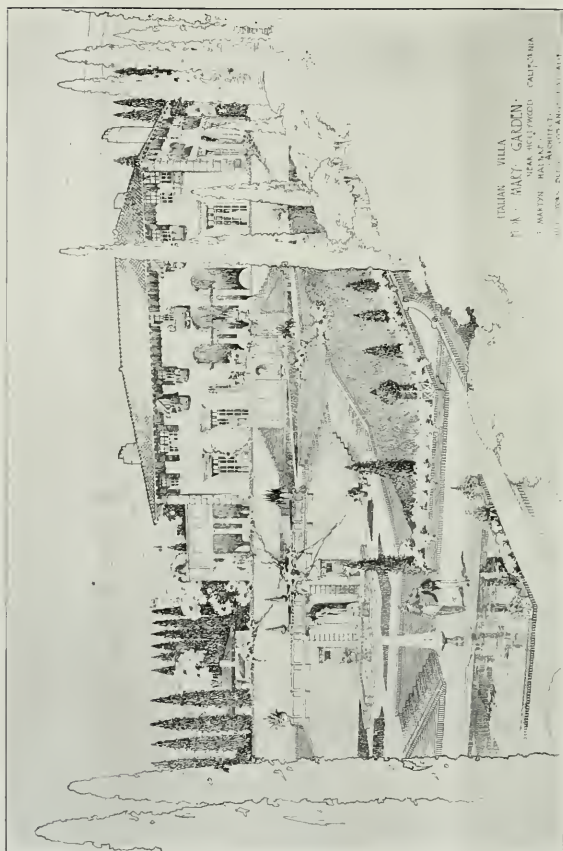
NOTE—C. H. Barrett, 381 Bush St.,
drew the plans for the above.

(53) S PELL 86-2 W Devilsadero.
Three-story and basement frame (8)
flats.

Owner.....D. Hadelor, 425 Monadnock
Bldg., San Francisco.
Architect...J. C. Hladik, 825 Monad-
nock Bldg., S. F.
Day's work. COST, \$3000

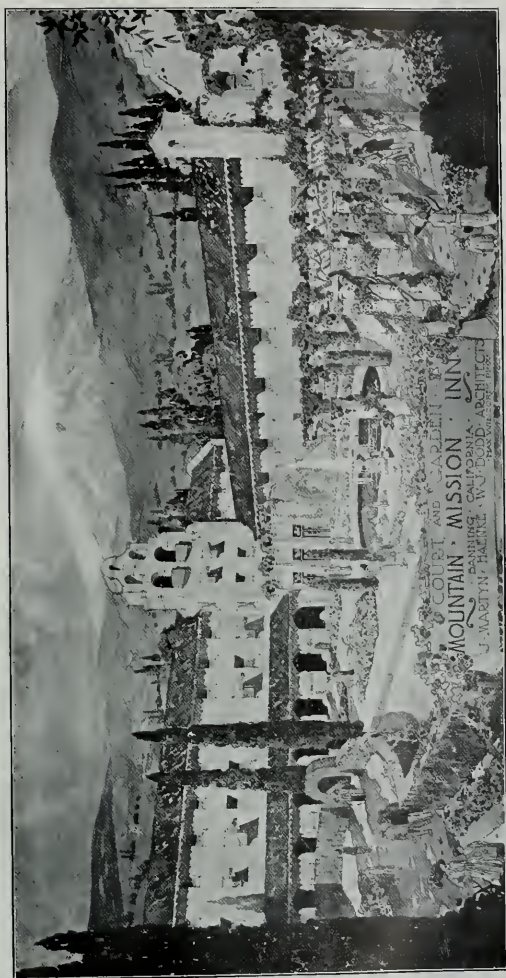
(54) W NINETEENTH AVE 250 S
Clement. One-story and basement
frame dwelling.
Owner.....Jeanette Yates, 335 21st
Ave., San Francisco.
Architect...None.
Contractor...Yates & Moore, 335 21st
Ave., San Francisco.
COST, \$1500

(55) W SAN BRUNO AVE 200 S Silver
One-story wagon shed.
Owner.....Phil Herold, 2450 San
Bruno Ave., S. F.
Architect...None.



ITALIAN VILLA FOR MARY GARDEN
 Near Hollywood, Cal.

J. Martyn Haenke, Architect
 Los Angeles



COURT AND GARDEN MOUNTAIN MISSION INN

Banning, Cal.

J. Martyn Haenke, Architect
Los Angeles

Contractor..Mark Hardy, 65 Steuben, San Francisco.

COST, \$450

(56) S PRIM 450 W Rhine. One-story and basement frame dwelling.
Owner.....Geo. Laneca, 225 Prim, S. F.
Architect...None.
Day's work. COST, \$450

(57) NW POST AND SCOTT. Minor changes in morgue.
Owner.....Mount Zion Hospital, Prem Architect...J. E. Krafft & Sons, Phelan Bldg., San Francisco.
Day's work. COST, \$700

(58) N JACKSON 27-6 E Devisadero. (rear). Two two-story and basement frame flats.
Owner.....Otto Carson and Kathryn Hintz, 1461 Hyde, S. F.
Designer & Engineer...Arthur J. Laib, 328 Russ Bldg., S. F.
Contractor...Otto Carson, 1461 Hyde, San Francisco.
COST, \$8000

(59) N JACKSON 27-6 E Devisadero. Two-story and basement frame flats.
Owner.....Otto Carson and Kathryn Hintz, 1461 Hyde, S. F.
Designer & Engineer...Arthur J. Laib, 328 Russ Bldg., S. F.
Contractor...Otto Carson, 1461 Hyde, San Francisco.
COST, \$4000

(60) N POST 137-6 W Jones 55x137-6. All work for a direct connected electric garage elevator for two-story reinforced concrete garage.
Owner.....Matilda Cef.
Architect...Milton Lichtenstein, 111 Ellis, San Francisco.
Contractor...Spencer Elevator Co., 139 Beale, San Francisco.

Filed Jan. 7, '14. Dated Jan. 5, '14.
Installation of guide posts, over head work and engine in.....\$950
Elevator completed 475
Usual 35 days..... 475
TOTAL COST, \$1900
Bond, \$950. Sureties, Lyman D. Foster and Albert E. Lacey. Limit, Feb. 20, 1914. Forfeit, none. Plans and specifications filed.

(61) EXPOSITION SITE. Constructing the Court of Honor, except pile driving.
Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.
Architect...McKim, Mead & White, New York City.
Contractor...F. Roland, 550 Montgomery, San Francisco.

Filed Jan. 7, '14. Dated Jan. 3 '14.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$309,150
Bond, \$160,000. Surety, American Surety Co. Limit, 120 days. Forfeit, \$100. Plans and specifications filed.

(62) N WASHINGTON 75 W Davis N 65 W 44 N 65 W 68 S 60 E 6 S 60 E 104. Excavating, general conditions, pumping, concrete and cement work, reinforcing, bulkheading, pumping and rat proofing for one-story and basement Class "C" stores.
Owner.....Albert P. Jacobs, Drumm and Washington, S. F.
Architect...O'Brien Bros., Inc., 519 California, San Francisco.

Contractor..Stanquist & Forbes, 185 Stevenson, San Francisco.

Filed Jan. 7, '14. Dated Jan. 5, '14.
Lot excavated \$562.50
Concrete walls up to sidewalk level 862.50
Completed and accepted..... 862.50
Usual 35 days..... 862.50
TOTAL COST, \$3450.00

Bond, \$1725. Surety, Aetna Accident & Liability Co. Limit, 30 days after Jan. 6. Forfeit, \$10. Plans and specifications filed.

(63) N SUTTER 100 W Powell W 37-6 x137-6. Heating and hot water system for eight-story reinforced concrete hotel building.
Owner.....M. D. Grosh, E. G. Larzere & Louise M. Sage, 809 Mills Bldg., S. F.
Architect...N. W. Sexton, Chronicle Bldg., San Francisco.
Contractor...Atlas Heating & Ventilating Co., 4th and Freelon, San Francisco.

Filed Jan. 7, '14. Dated Jan. 2, '14.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$2560
Bond, \$1350. Surety, Fidelity & Deposit Co. of Maryland. Limit, as required. Forfeit, \$15. Plans and specifications filed.

(64) ROOFING AND WATERPROOFING of the rear walls, etc., on above.
Contractor...Paraffine Paint Co., 34 1st, San Francisco.
Filed Jan. 7, '14. Dated Dec. 31, '13.
Payments same as above.....
TOTAL COST, \$243
Bond, none. Limit, without delay. Forfeit, none. Specifications only filed

(65) N PACIFIC 68-6 W Jones W 23 xN 70. Excavation, grading, trenching, concrete, brick, carpenter, mill, tin, stair, roofing, glazing, rough hardware, lath and plaster, tiling, marble, painting and electric work for three-story and basement frame 6 apartments.
Owner.....H. Artru, 115 Bernard, San Francisco.
Architect...Fabre & Bearwald, Merchants' National Bank Bldg., San Francisco.
Contractor...L. A. Rose, Monadnock Bldg., San Francisco.

Filed Jan. 7, '14. Dated Dec. 18, '13.
Frame up and roof on.....\$1814
Brown coated 1814
Completed and accepted..... 1814
Usual 35 days..... 1814
TOTAL COST, \$7256
Bond, \$3628. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

(66) PLUMBING, SEWERING AND plumbing fixtures and gas fitting on above.
Contractor...Chas. T. McCarthy, 1212 Pacific, San Francisco.
Filed Jan. 7, '14. Dated Dec. 18, '13.
Roughing in completed.....\$400
Completed and accepted..... 325
Usual 35 days..... 245
TOTAL COST, \$970
Bond, \$485. Surety, Illinois Surety Co. Limit, without delay. Forfeit, \$5. Plans and specifications filed.

(67) E NINTH AVE 175 N "J" N 25x

E 120. All work for two-story frame store and flat.

Owner.....R. C. Bingley, 573 Mission, San Francisco.
Architect...Theodore H. Lenzen, Humboldt Bank Bldg.; S. F.

Contractor...M. Brown & Son.
Filed Jan. 7, '14. Dated Jan. 7, '14.
2nd floor joists on.....\$ 800
Enclosed, roofed & rough plumbing in 900
Brown coated 600
Mill work and plumbing in.... 400
Completed and accepted..... 1093
Usual 35 days..... 1265
TOTAL COST, \$5058

Bond, limit, forfeit, none. Plans and specifications filed.

(68) N TWENTY-NINTH 80 W Castro. One and one-half-story and basement frame dwelling.
Owner.....A. T. Jansson, 3827 Army, San Francisco.
Architect...None.
Day's work. COST, \$1400

(69) W CAPP 169 N Twenty-second. One-story brick (private) garage.
Owner.....W. F. Altwater, 2536 Mission, San Francisco.
Architect...None.
Contractor...L. G. Bergren & Son, 209 Sanchez, San Francisco.
COST, \$2600

(70) NE SUTTER AND POWELL. Alter front.
Owner.....Jacob Eppler, 2828 California, San Francisco.
Architect...None.
Contractor...S. Levi Fixture Shop, 446 6th, San Francisco.
COST, \$400

(71) NO. 27 SEVENTH. Electric sign
Owner.....The Keystone Bar, Prem.
Architect...None.
Contractor...Brumfield Elec. Sign Co., 18 7th, San Francisco.
COST, \$400

(72) W CAROLINA 250 S 22nd. One and one-half-story and basement frame dwelling.
Owner.....J. C. Totten, 2332 24th, S. F.
Architect...M. J. Welsh, SE 22nd and Mission, San Francisco.
Day's work. COST, \$1500

(73) W MENDELL 75 N Newcombe. Two-story and basement (2) flats.
Owner.....Mary Gillen, 1606 Newcombe Ave., S. F.
Architect...None.
Day's work. COST, \$4000

(74) N FRANCISCO 30-6 E Midway. Two-story and basement frame (2) flats.
Owner.....M. Gardner, 335 Raymond Ave., San Francisco.
Architect...None.
Contractor...K. C. Gardner, 335 Raymond Ave., San Francisco.
COST, \$3500

(75) NE MONTGOMERY, POST AND Market. Bracing, excavation and underpinning of Easterly and Southerly walls of present Nevada Bank Building.
Owner.....Wells Fargo Nevada National Bank of San Francisco, Premises.
Architect...Clinton Day, Nevada Bank Bldg., San Francisco.

Contractor...D. J. and T. Sullivan, 1940
Folsom, San Francisco.
Filed Jan. 8, '14. Dated Dec. 26, '13.
Completed\$2868.75
Usual 35 days..... 956.25
TOTAL COST, \$3825.00
Bond, \$1912.50. Surety, The Aetna Accident & Liability Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(76) NE WASHINGTON AND DAVIS
N 120x E 70. Excavation, bulkhead-
ing, pumping, and concrete work for
one-story and basement brick stores.
Owner.....Davis Street Realty Co.
Architect...Earl B. Scott, Humboldt
Bank Bldg., S. F.
Contractor...Stanquist & Forbes, 185
Stevenson, S. F.

Filed Jan. 8, '14. Dated Jan. 8, '14.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$5500
Bond, \$2750. Surety, The Aetna Accident & Liability Co. Limit, 20 days. Forfeit, \$10. Plans and specifications filed.

(75) N SACRAMENTO 80 E Taylor E
25xN 60. All work except electric
fixtures, wall paper and bath room
fixtures for three-story and basement
Class "C" brick apartments.
Owner.....Lilly Burke, San Maurice
Apts., Sutter & Jones, S. F.
Architect...Chas. J. Rousseau, 46
Kearny, San Francisco.
Contractor...J. Eric Johanson, 2726 26th
San Francisco.

Filed Jan. 8, '14. Dated Jan. 6, '14.
3rd floor joists on.....\$3322
Brown coated 3322
Completed and accepted..... 3322
Usual 35 days..... 3322
TOTAL COST, \$13,288

Bond, \$6700. Sureties, Gus. Erikson &
Anna K. Johanson. Limit, 100 days
after Jan. 12, 1914. Forfeit, none. Plans
and specifications filed.

(78) SW SUTTER AND POWELL.
Electrical work for club rooms of
Forum Club and offices facing Sutter
street in Press Club Building.
Owner.....York Realty Co.
Architect...Frederick H. Meyer, Bank-
ers' Investment Bldg., S. F.
Contractor...Decker Elec. Constr. Co.,
111 New Montgomery, S. F.

Filed Jan. 8, '14. Dated Jan. 5, '14.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$581
Bond, \$290.50. Surety, American Surety
Co. of New York. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

(79) PAINTING ON ABOVE.
Contractor...D. Zelinsky, 564 Eddy,
San Francisco.

Filed Jan. 8, '14. Dated Jan. 5, '14.
Payments same as above.....
TOTAL COST, \$675
Bond, \$337.50. Surety, Paul Gottlieb.
Limit, 60 days. Forfeit, none. Plans
and specifications filed.

(80) PLUMBING ON ABOVE.
Contractor...Alexander Coleman, 708
Ellis, San Francisco.
Filed Jan. 8, '14. Dated Jan. 5, '14.
Payments same as above.....
TOTAL COST, \$1513
Bond, \$756.50. Surety, Jno. W. Procter
Limit, 60 days. Forfeit, none. Plans
and specifications filed.

(81) HEATING AND VENTILATING
apparatus on above.
Contractor...J. E. O'Mara, 449 Minna,
San Francisco.
Filed Jan. 8, '14. Dated Jan. 5, '14.
Payments same as above.....
TOTAL COST, \$675

Bond, \$337.50. Sureties, W. D. Stewart
and H. H. Kennedy. Limit, 60 days.
Forfeit, none. Plans and specifications
filed.

(82) W SEVENTEENTH AVE 125 N
Ulloa. One-story and basement
frame dwelling.
Owner.....Samuel Anderson, 3892
Pine, San Francisco.
Architect...None.
Day's work..... COST, \$1750

(83) S MORSE 60 E Curtis. One-story
and basement frame dwelling.
Owner.....J. P. Carlson, 2639 21st
San Francisco.
Architect...None.
Day's work..... COST, \$1800

(84) S SILVER AVE 100 W San
Bruno. One-story and basement
frame dwelling.
Owner...Louis Musante, 2908 22nd,
San Francisco.
Architect...None.
Day's work..... COST, \$650

(85) N CALIFORNIA 25 W 26th Ave.
Alter front.
Owner.....Emmanuel Joort, Premises.
Architect...None.
Contractor...C. H. Bessett, 343 29th Ave
San Francisco.
COST, \$400

(86) E CURTIS 225 N Morse. One
and one-half-story and basement
frame residence.
Owner.....A. G. Kleiner, F. W. Dakin
and R. L. Kern, Room 215,
310 California, S. F.
Architect...F. W. Dakin, 310 California,
San Francisco.
Day's work..... COST, \$2000

(87) NO. 2718 DIAMOND. Minor re-
pairs to residence.
Owner.....A. T. Nelson, Premises.
Architect...None.
Day's work..... COST, \$450

(88) W NAPLES 150 S Russia. One-
story and basement frame dwelling.
Owner.....W. Ulmer, 222 Raymond
Ave., San Francisco.
Architect...None.
Contractor...T. H. Parry, 222 Raymond
Ave., San Francisco.
COST, \$1000

(89) N ANZA 135 W 21st Ave. One
and one-half-story and basement
frame dwelling.
Owner.....A. M. Sylvia, 358 27th Ave.,
San Francisco.
Architect...None.
Day's work..... COST, \$1250

(90) NO. 2613 POST. Extend room.
Owner.....Mrs. Brasch, Premises.
Architect...None.
Contractor...Bovyer & Sons, 240 Call-
ifornia, San Francisco.
COST, \$400

(91) NO. 519 MISSION. Raise elevator
shafts and roof and repair fire
damage.

Owner.....J. D. Herman, Mills Bldg.,
San Francisco.
Architect...None.
Contractor...Lamout & Nullar, 506
Washington, S. F.
COST, \$500

(92) NO. 1640 POST. Raise dwelling
and concrete floor.
Owner.....E. Takamura, Premises.
Architect...None.
Day's work..... COST, \$1000

(93) NO. 147 GEARY. Alter front.
Owner.....John Robbins, 119 Geary,
San Francisco.
Architect...None.
Contractor...Fink & Scindler Co., 226
13th, San Francisco.
COST, \$450

(94) NO. 429 MONTGOMERY. New
tile floor.
Owner.....Mr. Selig.
Architect...None.
Contractor...Brunswick, Balke, Col-
lender Co., 767 Mission, S. F.
COST, \$500

(95) E TWENTY-THIRD AVE 175 S
Taraval S 25XE 120 OL 1175. All
work for two-story frame residence.
Owner.....Jerome J. & Della Hickey
Architect...J. M. Geary, 23rd and
Folsom, San Francisco.
Contractor...Parkside Home Bldg. Co.,
408 Crocker Bldg., S. F.
Filed Jan. 10, '14. Dated Jan. 8, '14.
Rough frame up.....\$675
Brown coated 675
Completed 675
Usual 35 days..... 675
TOTAL COST, \$2700

Bond, \$1500. Sureties, G. A. Nicholls,
Wm. Trebell and L. V. Riddle. Limit,
90 days. Forfeit, \$1. Plans and specifi-
cations filed.

(96) N WASHINGTON 150 W Powell
W 40xN 137-6. All work for three-
story and basement frame building
(6 apartments).
Owner.....Frederick A. and Rosa T.
Sutherland, 1036 Washing-
ton, San Francisco.
Architect...Charles J. Rousseau, 46
Kearny, San Francisco.
Contractor...John G. Kincanon 1676
Fulton, San Francisco.

Filed Jan. 10, '14. Dated Dec. 27, '13.
Roof on\$3700
Brown coated 3700
Completed and accepted..... 3700
Usual 35 days..... 3700
TOTAL COST, \$14,500
Bond, none. Limit, 100 days from re-
cording. Forfeit, none. Plans and
specifications filed.

(97) W STOCKTON 137-6 N Sacra-
mento W 106xN 40. All work except
plumbing, finish hardware and light
fixtures for three-story Class "C"
stores and rooms.
Owner.....T. J. Gintee, 627 Com-
mercial, San Francisco.
Architect...Charles C. Frye, 20 Mont-
gomery, San Francisco.
Contractor...L. A. Hinson 180 Jessie,
San Francisco.
Filed Jan. 10, '14. Dated Jan. 6, '14.
Second floor walls poured and
3rd floor joists in place.....\$2000
Roof boarded, wall poured and in-
terior partitions set 2000
Finished plaster completed..... 3000
Completed and accepted..... 3305

Usual 25 days..... 3435
TOTAL COST, \$13,740
Bond, \$6870. Surety, The Aetna Accident & Liability Co. Forfeit, 120 days.
Forfeit, \$5. Plans and specifications filed.

(98) N MISSION 343-1/4 W 7th W 31-74 N 165 E 31-74 S 165. All work for three-story and basement Class "C" stores and apartments.
Owner.....Talbot Investment Co, Ft. of Third St., S. E.
Architect...O'Brien & Werner, 68 Post, San Francisco.

Contractor...Nell A. McLean, Chronicle Bldg., San Francisco.

Filed Jan. 10, '14. Dated Jan. 7, '14.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$36,900

Bond, \$18,450. Surety, Globe Indemnity Co. Limit, 110 days. Forfeit, \$25. Plans and specifications filed.

(99) N GREEN 116-3 1/2 W Jones W 47 N 120. Carpenter, joiner and mill work, sash and doors, dumb waiter, glass and glazing, tinning and galvanized iron, gravel roofing and other work for two-story and basement and attic frame residence.

Owner.....John McGaw, Mills Bldg., San Francisco.

Architect...Oscar Haupt, Phelan Bldg., San Francisco.

Contractor...Marcus Marcussen, 19 Devisadero, San Francisco.

Filed Jan. 10, '14. Dated Jan. 10, '14.

Enclosed, roof covered ready for gravel roofing.....\$1000
Enclosed, roof covered, outside sheathed, doors and windows in place. Interior and exterior ready for plaster..... 1800
Contract completed and doors and windows glazed and hung..... 2600
Completed and accepted..... 948
Usual 35 days..... 236

TOTAL COST, \$7974
Bond, \$4892. Surety, Accident and Liability Co. Limit, 120 days from recording. Forfeit, none. Plans and specifications filed.

(100) E VAN NESS AVE 67 N Jackson E 123 N 188-4 1/2 W 23 S 102-8 1/4 W 100 S 85-5 1/4. Grading, excavating, forms, reinforced steel and concrete for one-story and two stories on Pacific Ave. Class "C" garage.

Owner.....B. Davidson, 46 Kearny, San Francisco.

Architect...O. R. Thayer, Merchants' National Bank Bldg., S. F.

Contractor...G. Elders, Care Reese & Rountree, 221 Sansome, San Francisco.

Filed Jan. 10, '14. Dated Jan. 7, '14.

Grading, excavating and forms built and set.....\$2225
One-half concrete finished..... 2225
Completed and accepted..... 2225
Usual 35 days..... 2625
TOTAL COST, \$9300

Bond, \$4650. Surety, Southwestern Surety Insurance Co. Limit, 85 days. Forfeit, none. Plans and specifications filed.

(101) SW CLAY AND FRONT S 59-6 XW 60. Alterations and additions to three-story and basement reinforced concrete building.

Owner.....Portuguese American Bank Co., Premises.

Architect...Norman R. Coulter, 46 Kearny, San Francisco.
Contractor...Graham & Jensen, 46 Kearny, San Francisco.

Filed Jan. 10, '14. Dated Jan. 5, '14.

On 1st and 15th of each month 75%
Balance plus contractor's 10%, 36 days after.....
ACTUAL COST, plus 10% for contractor, not to exceed \$9500.

Bond, \$4750. Surety, The Aetna Accident & Liability Co. Limit, 35 days. Forfeit, none. Plans and specifications filed.

BUILDING CONSTRUCTION FOR YEAR 1913.

Twenty-One Million Dollars Invested in Building Construction.

Figures as compiled by the Bureau of Building Inspection of the Board of Public Works shows that \$21,037,264 have been invested in private building construction for the year 1913.

This is for private work only and does not include work done by the Municipality, State, Government or Panama-Pacific International Exposition Company. The following is a segregated list of figures, as compiled by this Bureau:

Class	No. of Bldg.	Amount.
Class "A".....	21	\$ 4,037,543
Class "B".....	25	1,437,138
Class "C".....	235	6,561,976
Frames.....	2131	7,242,271
Alterations.....	3193	1,758,376

Total.....5606 \$21,037,264

According to the records of this Bureau there were 6116 buildings erected in 1912, at an estimate cost of \$23,338,563.

NOTICE OF NON-RESPONSIBILITY.

Jan. 9, 1914—SW ROSE'S AVE AND Masonic S 540XW 550. The Roman Catholic Archbishop of S F as to improvements on leased property.

Jan. 8, 1914—N UNION 113-6 W Leavenworth W 24XN 77-6. Minnie C Aguilar as to improvements on leased property.

Jan. 8, 1914—SE TWENTY-THIRD & Bryant E 50X52. Victor & Agostina Sattul as to improvements on leased property.

Jan. 6, 1914—LOTS 25 AND 26 BLK 23 Crocker Amazon Trct. Crocker Estate Co as to improvements on leased property.

INCORPORATIONS.

O. B. Oil Co. Capital Stock, \$500,000; subscribed, \$125; shares, \$1 each. Directors, O. B. Osborne, O. V. Collin, A. S. Kay, B. L. Sharpe, P. M. Caroe, 25 shares each. Place of business, San Francisco.

Clayburgh Bros. Capital Stock, \$250,000; subscribed, \$3000; shares, \$1000 each. Directors—Leo J. Clayburgh, H. E. Clayburgh, A. P. Epstein, 1 share each. Place of business, San Francisco.

O. B. Standard Oil Co. Capital Stock, \$500,000; subscribed, \$125; shares \$1 each. Directors—H. A. Chapman, O. B. Osborne, B. L. Sharpe, P. M. Caroe, I. N. Rosekrans, 25 shares each. Place of business, San Francisco.

Lincoln Motor Truck Co. Capital Stock, \$500,000; subscribed, \$900; shares, \$100 each. Directors—B. F.

Taylor, J. A. Meeks, E. R. Wilkinson, W. A. Anderson, E. Harris, K. Van Zante, G. McEvers, P. Rowes, C. A. Turner, 1 share each. Place of business, San Francisco.

Sheely-Philips Co. Capital Stock, \$19,000; subscribed, \$300; shares, \$100 each. Directors—M. J. Sheely, C. N. Phillips, H. B. Young, 1 share each. Place of business, San Francisco.

Coast Publishers Supply Co. Capital Stock, \$24,000; subscribed, \$24,000; shares \$10 each. Directors—E. T. Hueter, H. P. Roach, L. H. Lewars, E. L. Collins, A. F. Burke and T. D. Davidson 400 shares each. Place of business, San Francisco.

Faber Fire Apparatus Co. Capital Stock, \$25,000; subscribed \$3; shares, \$1 each. Directors—C. A. Taber, C. L. Moore and C. H. Sory, 1 share each. Place of business, San Francisco.

General Advertising Co. Capital Stock, \$10,000; subscribed, \$30; shares, \$10 each. Directors—E. H. Cardell, A. D. Bauer and K. L. Harriman, 1 share each. Place of business of San Francisco.

COMPLETION NOTICES.

San Francisco.

Dec. 1, 1913—NW POST AND SCOTT N 165 W 192-6 S 55 E 55 S 110 E 137-6. Mount Zion Hospital to City Street Imp Co, Jas B. Clow & Sons, Nov. 29; John G Sutton Co, Nov. 26; Ickelheimer Bros Co, Nov. 24; John G Sutton Co.....Nov. 26, 1913

Dec. 1, 1913—S SUTTER 137-6 E Larkin E 57-6 S 110-8 E 40 S 26-10 W 97-6 N 137-6. Winslow Anderson to Wm Schaffer.....Oct. 30, 1913

Dec. 1, 1913—E TWENTIETH AVE 275 N Clement N 25xE 120. Charles A and Anna E Newcomb to Charles R Hawcroft.....Nov. 24, 1913

Dec. 1, 1913—N GREENWICH 137-6 E Jones E 22-10x 137-6. Giovanni Battista Torre to Norio Cavaglia.....Nov. 26, 1913

Dec. 1, 1913—N LOMBARD 82-6 E Jones E 27XN 100. E Boschetti to G Chieppe.....Nov. 29, 1913

Dec. 1, 1913—SW SECOND 100 NW Townsend NW 50XSW 160. Moore Inv Co to Butte Eng & Elec. Co.....Nov. 22, 1913

Dec. 1, 1913—SE VAN NESS AND Pacific Ave S 102-8 1/4XE 100. M Krotoszyner to T W McClenahan & Co.....Nov. 28, 1913

Dec. 1, 1913—SE TWENTY-SECOND 67 E Shotwell E 29-3X5 95. J P Mirasnot to Gustave Anderson.....Nov. 19, 1913

Dec. 2, 1913—S POST 162-6 W Franklin W 75X5 137-6. George W Frank (as Frank Printing Co) to Barrett & Hild.....Nov. 28, 1913

Dec. 2, 1913—W NINETEENTH AVE 356 N Carbelli 31-6x120. Jeanette Yates to whom it may concern.....Nov. 29, 1913

Dec. 2, 1913—E TWENTY-FIRST AVE 79 S Lake 35X82-6. Jeanette Yates to whom it may concern.....Nov. 29, 1913

Dec. 2, 1913—S TWENTY-SECOND 90 E Valencia S 65xE 35. Howse Bros, Inc to J M Ploeger.....Dec. 2, 1913

Dec. 2, 1913—LOT 9 BLK 11 St Francis Wood. Westgate Park Co to O C Holt.....Nov. 19, 1913

Dec. 2, 1913—SE BUSH & CHELSEA

Place E 39-6xS 82-6. T J Crowley and H P Stollenberg to Geo HaubNov. 20, 1913
Dec. 2, 1913—E THIRTEENTH AVE 160 N Kirkham N 25x120. Jno Bjorkman and Oscar Swanson to whom it may concern.....Dec. 1, 1913
Dec. 3, 1913—S SUTTER 164-6 E Taylor E 60-6xS 137-6. Trowbridge & Perkins to H Maundrell, Nov. 26, '13
Larsen & Larsen.....Nov. 26, 1913
Dec. 3, 1913—NW SCOTT AND POST N 165 W 192-6 S 55 E 55 S 110 E 137-6. Mount Zion Hospital to Atlas Heating & Ventilating Co.Nov. 26, 1913
Dec. 3, 1913—E POTRERO AVE 150 N 25th N 25x100. Theodore E Steiner to Jacob F Nielsen, Dec. 1, '13
Dec. 3, 1913—E HYDE 68-9 S Filbert S 25-10xS 68-9. Henry C Pausmann to Paul De Martini.....Dec. 2, 1913
Dec. 3, 1913—S CALIFORNIA 87-6 W Davis W 50xS 137-6. John A Grenan to J H Hjul.....Completed —
Dec. 3, 1913—NE WASHINGTON and Octavia W 137-6 N 127-8x4 W 127-6 S 127-8x4. A B Spreckels to Vermont Marble Co.....Nov. 28, 1913
Dec. 3, 1913—E MASON 137-6 N O'Farrell N 32-6 E 17-6 S 50-10x4 W 60 — 77-6. Wm F Wilson Estate to I Kiesel.....Nov. 29, 1913
Dec. 3, 1913—E MASON 137-6 N O'Farrell N 32-6 E 137-6 S 50-10x4 W 60 — 77-6. Wm F Wilson Estate to Central Elec Co.....Dec. 3, 1913
Dec. 3, 1913—NW JACKSON AND Drumm N 50xW 60. Thos W Butcher to Harry Maundrell.....Dec. 2, 1913
Dec. 3, 1913—S SUTTER 164-6 E Taylor E 60-6xS 137-6. W F Perkins and H O Trowbridge to John G Sutton.....Nov. 29, 1913
Dec. 4, 1913—N NINETEENTH 185 W Church W 25xN 114. Mary T Renault to Bell & Rossiow.....Nov. —, 1913
Dec. 4, 1913—W BUCHANAN 112-6 S Waller 25x117. Mary J McLeod to J J Heaphy.....Dec. 1, 1913
Dec. 4, 1913—NW GEARY AND Van Ness Ave N 275xW 157-6. Van Ness Realty Co to Pacific Floor Sanding Co.....Nov. 26, 1913
Dec. 4, 1913—E STOCKTON 50 S Sutter E 80xS 40-8x3. Sierra Inv Co to Gus N Daniels.....Dec. 4, 1913
Dec. 4, 1913—N VALLEJO 81-3 W Octavia W 27xN 125. John V Leonard and Celia S Leonard to whom it may concern.....Dec. 4, 1913
Dec. 4, 1913—NE EIGHTEENTH AND Guerrero N 27xS 32. Eisenbach Co to A Dahlberg.....Dec. 3, 1913
Dec. 4, 1913—N HOWARD 375 E 5th N 50 W 100 N 80 E 125 S 160 W 25. Boyd Inv Co to Brandon & Lawson.....Dec. 3, 1913
Dec. 5, 1913—SW TWENTIETH AVE and Lake W 43-6xS 104. J W Leavitt to Thos Elam & Son.....Dec. 5, 1913
Dec. 5, 1913—N OTSEGO AVE 200 S Santa Ysabel Ave S 25xW 125. A A Wesendunk to whom it may concern.....Dec. 5, 1913
Dec. 5, 1913—S ROSE AVE 110 E Gough E 27-6 S to NW Market SW to a pt caused by intersection of a line at ra to Rose Ave at pt of beg with NW Market N to S. Rose Bruce Cornwall to Gus V Daniels, Nov. 28; Frank M Garden & Frank B Peake, co-partners.....Nov. 28, 1913
Dec. 5, 1913—E COMMONWEALTH

Ave 200 S California S 33-4xW 120. William H Cobb to J C Warner & SonsDec. 3, 1913
Dec. 6, 1913—W NINTH AVE 150 S Cabrillo S 50xW 120. Chas A Rushton to whom it may concern.....Dec. 4, 1913
Dec. 6, 1913—E MASON 137-6 N O'Farrell N 32-6 E 137-6 S 50-10x4 W 60 — 77-6. Wm F Wilson Est to C J Hillard Co.....Dec. 6, 1913
Dec. 6, 1913—N WASHINGTON 148-9 W Presidio Ave W 32xN 127-8x4. Mrs Andrew A Jacobs to H W Arnold.....Dec. 6, 1913
Dec. 6, 1913—SE MINNA 66 SW Russ SW 25x75. Norman A Eisner to John Hayes.....Dec. 5, 1913
Dec. 6, 1913—E MASON 137-6 N Dec. 8, 1913—W TWENTY-SIXTH Ave 100 N 26th Ave N 25 W 120 S 25 E 120. Jacob H Thorup to whom it may concern.....Dec. 6, 1913
Dec. 8, 1913—SW EIGHTEENTH and Lexington Ave W 30xS 85. E Prat to Louis Metter.....Dec. 6, 1913
Dec. 8, 1913—NW CEDAR AVE and Octavia N 22xW 77-6. Luigi Solari to R Fahy.....Dec. 6, 1913
Dec. 8, 1913—E JORDAN AVE 132-3x S California S 33-4xW 120. Rearden T Lyons to L C WoodbridgeDec. 3, '13
Dec. 8, 1913—SE HOWARD 100 SW 8th SE parallel with 8th 160-11 NW 50 SW 34 NW 25 SW 55 NW 85 — 100. Richard I Whelan to Henry Jacka.....Dec. 6, 1913
Dec. 7, 1913—NW TEHAMA 111 SW 8th NW 50xSW 34. Richard I Whelan to Henry Jacka.....Dec. 6, 1913
Dec. 8, 1913—W STOCKTON 75 N Washington N 67-6xW 105. The A P Giannini Co to Frank Roland.....Dec. 6, 1913
Dec. 8, 1913—N ELLIS 137-6 E Leavenworth E 40 N 120 W 20 S 60 W 20 S 60. Frank J Kilmm to N P Anderson.....Dec. 5, 1913
Dec. 8, 1913—E MASON 137-6 N O'Farrell N 32-6 E 137-6 S 50-10x4 W 60 — 77-6. Wm F Wilson Estate to Klerman & O'Brien.....Dec. 5, 1913
Dec. 8, 1913—E PATTON 150 N Highland (Plymouth) Ave E 100 N 19 m or 1 W 105-3 S 26 ptn Lots 5-43 Blk 2, Holly Park. Mercy J & Chas E Hills to Jacob Witzelsberger.....Dec. 8, 1913
Dec. 8, 1913—FILLMORE No. 637, bet Oak and Fell. Margaret Hannon Thorne to Ellingson & Holt.....Dec. 8, 1913
Dec. 8, 1913—LOT 14 BLK 4, Crocker Amazon Tract. Arthur G Duncan to L L Allen.....Dec. 8, 1913
Dec. 8, 1913—SW OAK AND DEVINARD S 50xW 90. Richey Riddell to W H Bagge.....Dec. 8, 1913
Dec. 9, 1913—N GEARY 112-6 W Jones W 25xN 137-6. Florentina and Wm Wankowski to Mutual Constr Co.....Dec. 1, 1913
Dec. 9, 1913—W TWENTY-SIXTH Ave 100 N California N 25xW 120. Jacob H Thorup to whom it may concern.....Dec. 6, 1913
Dec. 9, 1913—S IRVING 95 E 9th Ave E 25xS 100. Henri Leste to Jacques Narberbury.....Dec. 8, 1913
Dec. 9, 1913—SE BATTERY AND Halleck S 34-6xS 77-6. Isaac Kohn to J J Connolly & Son.....Dec. 8, 1913
Dec. 9, 1913—NE GOLDEN GATE Ave and Hyde N 92-9 E 82-6 S 24

W 45 S 69-9 W 34-6. James H Garrett to F L Hansen.....Dec. 4, 1913
Dec. 9, 1913—E POWELL 37-6 N Jackson N 40xS 57-6. J A MacKenzie to H J Perazzi.....Dec. 5, 1913
Dec. 10, 1913—N UNION 55 E Taylor E 27-6xS 100. Matteo Brocato & Bros to Frank C Amoroso.....Dec. 9, 1913
Dec. 10, 1913—SE BATTERY AND Halleck S 34-6xS 7716. Isaac Kohn to H L Petersen (as The S F Artificial Stone Paving Co.).....Dec. 9, '13
Dec. 10, 1913—SW EAST & ORGON (if extended) W 71 m or 1 N 30 m or 1 E 53-4 n. or 1 E 37 m or 1 ptn Blk "E" of 50 vara. Waterfront Realty Co to Z Narberbury.....Dec. 10, 1913
Dec. 10, 1913—LOT 12 BLK "A" Mission Terrace. Raymond H Banning and Ernest Leo Garcia and James E Stewart to whom it may concern.....Dec. 5, 1913
Dec. 10, 1913—E NINTH AVE 25 S Ortega S 75xS 95. Guerrero Realty Co to Emil Nelson.....Dec. 10, 1913
Dec. 10, 1913—E CASTRO 35 S 19th S 25xS 83. Benedict & Theresia Steinlaure to John Carlson & Edwin Anderson.....Dec. 9, 1913
Dec. 11, 1913—E FIFTH AVE 300 N Geary N 25x120. Manuel C and Clara E Garcia to W E Grant.....Dec. 11, '13
Dec. 11, 1913—PINE No. 1617. M A Moldenhauer to Chas Wright.....Dec. 11, 1913
Dec. 11, 1913—W SCOTT 97-8x4 S Sacramento S 30xW112-6. Henry A Jacobs to Peterson-James Co. Dec. 10; J W Cobby.....Dec. 11, 1913
Dec. 12, 1913—W UTAH 91-6 N 15th N 46xW 100. Tamm & Nolan Co to Stanquist & Forbes.....Dec. 9, 1913
Dec. 12, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co to Healy Tibbitts Constr Co, Oct 6; The Turner Co Dec. 11, 1913
Dec. 12, 1913—S ROSE AVE 170 E Gough E 27-6 S to NW Market SW to a pt caused by intersection of a line drawn at ra to Rose Ave at a pt of beg with NW Market N to S Rose Ave and pt of beg. Bruce Cornwall to H A Chalmers, Dec 11; Otis Elevator Co.....Dec. 10, 1913
Dec. 12, 1913—COM 165 W TAYLOR and 60 S Pacific S 77-6 W 110 N 30 W 5-6 N 47-6 E 115-6. Theodore Gibson to whom it may concern.....Dec. 11, 1913
Dec. 12, 1913—LOT 10 BLK "X" of Park Lane Tract No. 3. David and Lucy Caen to Jacob F Nielsen.....Dec. 4, 1913
Dec. 12, 1913—W KEARNY 97-6 N Union N 37-6xW 60. Paolo and Giuseppe Tufo to F C Amoroso.....Dec. 11, 1913
Dec. 12, 1913—SE MARKET 43 SW Noe SW 62-6 S 88-4xW E 80 N 42-9x4 W 32-8 S 85-0x4. Wm and Elias Nasser to Higginson Co.....Dec. 13, 1913
Dec. 15, 1913—S TURK 27-6 E Folk 30x85. Theodore Bleisberg to J G Kincanon.....Dec. 15, 1913
Dec. 15, 1913—W FOURTH 75 S Minna S 34-4x4x137-6. Boyd Invest Co to A W Bryant.....Dec. 1, 1913
Dec. 13, 1913—W KEARNY 35 N California N 30xW 50-5. Lachman Bros. (Custave and Edward) to C E McNuillin & Co.....Dec. 3, 1913
Dec. 13, 1913—S CLAY 84-9 E Stockton E 52-0x4xS 76-6. Jos B. Adrien, Eulalie and Marie Bauchou to B

C Van Emon, Dec 11; John G Sutton Co, Dec. 11; Wm Little, Dec. 11, 1913
Dec. 13, 1913—N IRVING 120 W 7th Ave W 25xN 100. Jens P Nilsson to Isaac Penney, Dec. 11, 1913
Dec. 13, 1913—NW NORRIGA AND Great Highway E 192-8 N 100 W 190 S 50 W 195-2 1/2 S 50-0-0. G P Spotorno to Howard S Williams, Dec. 11, 1913
Dec. 13, 1913—W EIGHTH AVE 175 S Cabrillo S 25xN 120. J J Brushier to John V Stefels, Dec. 10, 1913
Dec. 13, 1913—S FILBERT 175-5 1/4 E Gough E 27xS 137-6. V and G Rege to Montani & Stefani, Dec. 12, 1913
Dec. 13, 1913—N BUSH 236-11 W Mason W 32-8xN 137-6. Julia Cronan to E C Curtis and Otis Elevator Co Dec. 12, 1913
Dec. 13, 1913—COMG AT INTR OF line drawn parallel with E Belvedere being drawn N from a point on Carmel at pt 150 E Belvedere with a line drawn parallel with N Carmel being drawn E from a pt on Belvedere 75-10 N Carmel N 25-0-0 parallel with Belvedere, E parallel with Carmel 122-1 1/4, m or l to W Clayton (Ashbury) S 25-9 W 126-4 m or l. Joseph L and Elizabeth Taaffe to Gilliokey & Sons, Dec. 11, 1913
Dec. 16, 1913—S MANGLES AVE 175 W Baden W 75xS 100 Lot 34 Blk 40, Sunnyside. Rasmus Carlson to whom it may concern, Dec. 12, 1913
Dec. 16, 1913—N SILVER AVE bet Mission and Craut Lot 11 Blk 4, College Hld. Ass'n. E Calagari to New Era Bldg Co, Inc., Dec. 13, 1913
Dec. 16, 1913—S ELIZABETH 47-6 W Castro W 22-6xS 70. Tina Hinkel to whom it may concern, Dec. 15, 1913
Dec. 16, 1913—E MASON 137-6 N O'Farrell N 32-6 E 137-6 S 50-10 1/2 W 60—77-6. Wm F Wilson Est to W P Fuller Co, Dec. 15, 1913
Dec. 16, 1913—S PINE 112-6 E Leavenworth E 25xS 137-6. William H and David F Kelly to Higginson & Co., Dec. 10, 1913
Dec. 16, 1913—N HOWARD 37-5 E 50th N 80 W 100 N 80 E 125 S 160 W 25. Boyd Invest Co to A W Bryant, Dec. 15, 1913
Dec. 17, 1913—NO 760 MARKET AND 35 O'Farrell, Gore Cor. Market, O'Farrell and Grant Ave. Jas D Phelan to Wm H Tessier, Dec. 16, '13
Dec. 17, 1913—W DEVISADERO 52-6 S Filbert W 112-6xS 30. Rose Thompson Ogle to Jas P Fletcher, Nov. 29, 1913
Dec. 17, 1913—EXPOSITION SITE, Panama-Pacific International Exposition Co to D J and T Sullivan, Dec. 13, 1913
Dec. 17, 1913—E HYDE 97-6 N Filbert N 40x E 59-1 1/2. Herbert E Rose to Fidelity Constr Co, Dec. 17, 1913
Dec. 17, 1913—W MASON 77-6 S Broadway S 46xW 137-6. Sarah Plead to W G Hind and A E Hind (as Fidelity Constr Co), Dec. 16, 1913
Dec. 17, 1913—S POST 66-10 1/2 E Polk E 13-7 1/2xS 120. City Electric Co to I D Blumaxe (as Blumaxe & Co.), Dec. 13, 1913
Dec. 17, 1913—LOTS 18, 15, 17 BLK 18 of the C S Allied Sub of Biks 17 and 18 West End Map 1. C S Allied to whom it may concern, Dec. 13, 1913
Dec. 17, 1913—E TWELFTH AVE 25 S Anza S 25x E 100. Alfred T Morris

to whom it may concern, Dec. 15, 1913
Dec. 17, 1913—N TWENTY-FIFTH 142-6 E Church E 25x1 1/4. J S Purcell to whom it may concern, Dec. 12, 1913
Dec. 17, 1913—NW POST AND SCOTT N 165 W 192-6 S 55 E 55 S 110 E 137-6. Mt. Zion Hospital to John C Iis & Co., Dec. 15, 1913
Dec. 17, 1913—SE PINE & POWELL E 68-6xS 60. California Plate & Window Glass Co vs John H Bohlig and George H Stoffels, Dec. 13, 1913
Dec. 17, 1913—N NINETEENTH 175 E Sanchez E 25xN 114 (re-recorded) A Davis vs Jos Herb, Linda E Herb and S Malmberg, Dec. 13, 1913
Dec. 17, 1913—S MINERVA 275 E Plymouth Ave S 125x E 50; ptn Lot 2 Blk "Q" R R Hd. The Greater City Lumber Co vs Henry C Taylor and David Galloway, Dec. 12, 1913
Dec. 17, 1913—N SACRAMENTO 100 W Larkin W 57-6xN 127-6. Russell Hinton vs N G Franz, A and Ben D Harris, Dec. 13, 1913
Dec. 18, 1913—SW DEVISADERO & Oak W 90xS 50. Sam Zion vs W H Barge and Richey Riddell, Dec. 16, 1913
Dec. 18, 1913—SW VAN NESS AVE & California W 134xS 60. C Jorgensen & Co vs Northern Constr Co and Albert Abramson, Dec. 13, 1913
Dec. 19, 1913—SW NINTH 75 SE Harri-son S 100xSE 75. T W Simmlie & Co, 75; L A Norris, \$2700; Kilgerman & Brehn, \$111; Olsen-Mahony Lumber Co, \$1089.20; Wilson Elec Co, \$96.36; I Zimmerman, \$250; Schwartz & Gottlieb, \$830; A Knowles and R Rodgers, \$300; Granucci Hardware Co, \$49.40; Western Asbestos Magnesia Co, \$250; Enterprise Foundry Co, \$76; Bay Development Co, \$250 vs Richard I Whelan, M Clark and H Ludwig (as Clark & Ludwig), Dec. 20, 1913
Dec. 20, 1913—W TWENTY-FIRST Ave 40 N Geary N 26xW 70. Bridget and Mike Norton to Leigh & Schultz, Dec. 16, 1913
Dec. 20, 1913—W STANFORD 106-2 S Brannan. Crane Co to W A Goerliche, Dec. 18, 1913
Dec. 19, 1913—E TWENTY-SIXTH Ave 75 N Irving 25x95. Ralph J Button to whom it may concern, Dec. 20, 1913
Dec. 20, 1913—E TWENTY-SIXTH Ave 50 N Irving 25x95. Ralph J Button to whom it may concern, Dec. 20, 1913
Dec. 20, 1913—E DIAMOND 51-6 S Duncan S 25x E 105. James D and Annie T Reid to whom it may concern, Dec. 18, 1913
Dec. 20, 1913—SW KEARNY AND Sutter. Eyre Invest Co to Frank M Garden & Co., Dec. 19, 1913
Dec. 20, 1913—W POTRERO AVE 195 S 21st 25x150. James Simpson to J H Verner, Dec. 18, 1913
Dec. 21, 1913—SW CLAY & PAVIS S 47xW 55. Mrs C J Deming to Wilson & Christensen, Dec. 18, 1913
Dec. 22, 1913—S SUTTER 163-6 W Webster W 25xS 137-6. Mrs Mattie Feeley to J Eric Jonanson, Dec. 2, 1913
Dec. 22, 1913—N NINETEENTH 105 E Guerrero E 155xN 260 Dairy Delivery Co to Matthews Gravity Carrier Co, Dec. 20, 1913
Dec. 22, 1913—SE SHRADER AND Rivoli Ave. Mr and Mrs Patrick

and Nora Keane to J C Dowlin, Dec. 20, 1913
Dec. 23, 1913—NW POST & TAYLOR W 60xN 30. B Herch and B Heskins to Camp & Carrillon, Munster & Bornholdt, Frank J Klimm, Wm H Kirsten, John G Sutton Co and C R Stern, Dec. 17, 1913
Dec. 23, 1913—E THIRTEENTH AVE 100 N Clement E 120xN 25. Chas Hansel to whom it may concern, Dec. 23, 1913
Dec. 23, 1913—LOT 18 BLK "H" Mission Street Land Co. Homestead Realty Co to William H Graham, Dec. 23, 1913
Dec. 23, 1913—E NINETEENTH AVE 55 N Lake E 57-6xN 45. H A Buck to Bowers & Fann, Dec. 20, 1913
Dec. 23, 1913—S SUTTER 164-6 E Taylor E 60-9xS 137-6. W F Perkins and H O Trovbridge to H L Petersen, Dec. 15, 1913
Dec. 23, 1913—SW ELEVENTH 200 SE Folsom SE 70 SW 55 NW 76 NE 75. Alice D McAllister to Segurion Bros., Dec. 18, 1913
Dec. 23, 1913—NE PACIFIC AVE & Broderick 137-6 on Pacific Ave and 265-2 1/4 deep extg to S Broadway. E S Pillsbury to Campbell Bros., Dec. 13, 1913
Dec. 24, 1913—SW SACRAMENTO & Devisadero W 110xS 26-7. Jungblut Estate Co to Adolph Henning, Dec. 10, 1913
Dec. 24, 1913—N CAPISTRANO AVE 441-58 E San Jose Ave 25x136 (irregular). Joseph and (wife) T Michel to Banning & Stewart, Dec. 23, 1913
Dec. 24, 1913—SE TWENTY-Fourth Ave and Clement S 100x E 30. Mrs Anna R Wessmann to whom it may concern, Dec. 19, 1913
Dec. 24, 1913—E MASON 137-6 N O'Farrell N 32-6 E 137-6 S 50-10 1/2 W 60—77-6. Wm F Wilson Estate to H L Petersen, Dec. 15, 1913
Dec. 24, 1913—W TRENTON 112-6 N Jackson N 25x57. Maurice Salomon and Arthur Gosliner to Vito Vadalà, Dec. 24, 1913
Dec. 24, 1913—N WASHINGTON 261-3 1/2 E Kearny N 112 NE 14 SE 156-3 1/2 W 110-4 1/2. Elsie A Drexler to Macdonald & Kahn, Dec. 24, 1913
Dec. 24, 1913—S HAIGHT 199-9 W Steiner W 31-6x137-6. Wm Rayhill to Frank Lobb, Nov. 10, 1913
Dec. 26, 1913—NW NATOMA 76-2 SW Mary—18-2 NE 80 SE 28-2 SW 80. Foster & Orear Co to McGowan & Butler, Dec. 16, 1913
Dec. 26, 1913—SE CALIFORNIA AND Leidesdorff fronting N on California and at rear end 107-6 extg on E and W sides 137-6. The Insurance Exchange to Parcels Safe Co., Dec. 26, 1913
Dec. 26, 1913—W DIAMOND 110 S 21st 25x115-9. Emil Nelson to whom it may concern, Dec. 26, 1913
Dec. 26, 1913—LOT 67 Corona Heights Nestor Mattson to whom it may concern, Dec. 15, 1913
Dec. 27, 1913—E MASON 137-6 N O'Farrell N 32-6 E 137-6 S 50-10 1/2 W 60—77-6. Wm F Wilson Est to Brittain & Co., Dec. 2, 1913
Dec. 27, 1913—SW GOLDEN GATE Ave (Tyler) and Taylor W 152-6 S 54-1 1/4 m or l SE on a course at r a with Market 46-5 1/4 m or l to NW Market at a pt 154-5 1/4 SW fm instr of Market and W Taylor NE

Get it from Bacon.

The Blocks now being
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Commercial High
School Building were
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Edward R. Bacon Co.

CONTRACTORS EQUIPMENT

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38-40 NATOMA ST., S. F.

Una Invest Co. 1/2; Claus A Spreckels, 154-5 1/2 N 1-6 1/2 m or 1. San Chris- and Rudolph Spreckels, trustees, 1-6. Claus A Spreckels & Rudolph Spreckels, 1-6 to Stranahan & Son, Dec. 23. Matthias & Griffith, Dec. 24. Butte Eng & Elec Co. Dec. 24, 1913
Dec. 27, 1913—S STEVENSON 467-6 W 7th W 28-9 — 75 S 28-9 N 75. Rincon Publishing Co. to J E O'Mara Dec. 19, 1913
Dec. 27, 1913—S POST 137-6 W Jones W 77-6xS 137-6. D Samuels Realty Co to J D Hannah. Dec. 19, '13
Dec. 29, 1913—E NINETEENTH AVE 150 S Cabrillo S 25x E 120. Ernst Hirsch to whom it may concern. Dec. '7, 1913
Dec. 29, 1913—E MASON 137-6 N O'Farrell N 32-6 E 137-6 S 50-10 1/2 W 60 — 77-6. Wm F Wilson Estate to Van Emon Elev Co. Nov. 24, 1913
Dec. 30, 1913—S CLEMENT 32-6 E 17th Ave 25x75. Charles Penex to Wm H Daniel. Dec. 30, 1913
Dec. 30, 1913—NW LOMBARD AND Octavia W 31-5xN 82-6. Gustave Lachman and H H Sattler to J S Malloch. Dec. 27, 1913
Dec. 30, 1913—N UNION 96-9 E Scott E 30xN 137-6. Angelo J Rossi to Howard S Williams. Dec. 22, 1913
Dec. 30, 1913—W ROUSSEAU 200 S Bosworth S 25xW 100 Blk 7 De Boom Tract. Heffernan & Swift to whom it may concern Dec. 29, 1913
Dec. 30, 1913—S OREGON 168-11 1/2 m or 1 Wm E Drumm N 15 W 20 N 12 E 32 m or 1 S 30 m or 1 to S Oregon produced, W 12 m or 1. Waterfront Realty Co, Lessees to H W Arnold. Dec. 29, 1913

Dec. 29, 1913—N UNION 195 W Hyde W 25xN 60. Harriet Mason to E J Montgomery. Dec. 24, 1913
Dec. 30, 1913 NW BUSH&SANSOME N 137-6xW 67-6. Standard Oil Co to Lamson Co. Dec. 27, 1913
Dec. 30, 1913—N GOLDEN GATE AV 62-6 W Central Ave W 25xN 110. Edna A Gallagher fmyly Walsh to John Burns & A Davis. Dec. 26, '13
Dec. 31, 1913—N JACKSON 174 E Front E 45 N 60 W 20 N 60 W 25 S 120. S Nathan to Petersen & Persson. Dec. 29, 1913
Dec. 31, 1913—COM 26-6 1/2 from intr N Market and W Front th 92-8 along W Front W 137-6 S 92-8 E 137-6. A B Spreckels to Frasier & Frasier. Dec. 29, '13
Dec. 31, 1913—W FILLMORE 28 S Sacramento W 90-6 S 28 E 90-6 N 28. Sewell Dolliver to M V Brady. Dec. 29, 1913
Dec. 31, 1913—N FILBERT 191-6 W Devidero W 27x137-6. Sarah F & Thos R Edwards to Thos Scoble. Dec. 30, 1913
Dec. 19, 1913—N GEARY 138 E Van Ness Ave E 26xN 120. Jas P Sweeney to M M Finlayson. Dec. 13, 1913
Dec. 19, 1913—N HANOVER 178 E Lowell 30 on Hanover by 213. Eben A Fisher to whom it may concern. Dec. 16, 1913
Dec. 19, 1913—E SIXTEENTH AVE 50 S Anza S 25x E 90. Emil Nelson to whom it may concern. Dec. 10, '13
Dec. 19, 1913—S ROSE AVE 159-6 W Octavia W 40xS 40. G G Burnett Est Co to H C Warwick. Dec. '13
Dec. 13, 1913—N BUSH 236-11 W Mason W 22-8xN 137-6. Julia Cronan to Burch & Hoffman, E C Curtis

Otis Elevator Co and Acme Iron Dec. 12, 1913
Dec. 19, 1913—N EDDY 105-8 E Webster E 25xN 120. Union Trust Co, Grdn Estate William B, Mary E and Sarah K Ketter, J Craig Ketter and Mildred Page Ketter to Olat and Charles Monson (as Monson Bros) Dec. 18, 1913
Dec. 19, 1913—S STEVENSON 467-6 W 7th W 28-9xS 75. Rincon Publishing Co to Ward & Goodwin. Dec. 12, 1913
Dec. 17, 1913—W TWENTY-SEVENTH Ave 125 S Lake S 25 W 150 N 25 E 125. Charles and Margaret Breuchle to Wilson & Christensen. Dec. 1, 1913
Jan. 2, 1914—LOT 7 BLK 22 Lake-side Tract, Okd. F W Clarke to Walter Sorensen. Dec. —
Jan. 2, 1914—S COUNTY ROAD, bet Mission San Jose and Irvington 1/2 mile W Main County Road through Mission San Jose. A Richr to F Griffin & Sons. Dec. 31, 1913
Jan. 2, 1914—W TWENTY-SECOND Ave 275 S Lake S 25xW 120. Jas Welsh to whom it may concern. Dec. 27, 1913
Jan. 3, 1914—SW GOLDEN GATE AV and Taylor W 152-6 S 54-1 1/2 m or 1 SE 46-5 1/2 m or 1 to Market NE 154-5 1/2 N 1-6 1/2. San Christian Inv Co, Claus A and Rudolph Spreckels and as trustees to Leo J Mayberg, Jan. 2; J Looney Co. Jan. 3, 1914
Jan. 5, 1914—N POST 247-3 W Van Ness Ave W 27-6xN 120. Leon Blum to California Concrete Co. Jan. 5, 1914
Jan. 5, 1914—NE TWENTY-SECOND and Dolores E 37-6xN 94. Charles Lindemann to Alexander O Brown Jan. 5, 1914
Jan. 5, 1914—SW EMERALCADERO & Pacific W 14-6 1/2 S 35 E 32-5 1/2 NW 33-3 1/2. A J Donzel and David Donzel to C P Moore Bldg Co. Dec. 31, '13
Jan. 5, 1914—NE SEVENTEENTH & Broadway N 60x E 56-2, Okd. Lucy Fay Thomson (P. J. Walker Co., Agents) to Western Iron Works. Dec. 27, 1913
Jan. 5, 1914—RUSSELL NO. 1510, bet Bk 9 Central Park Tract, Bkly. Alice Thornhage to Fred Tayton. Nov. 30, 1913
Jan. 5, 1914—SW WASHINGTON & Laguna. Leon Guggenbime to California Concrete Co. Jan. 5, 1914
Jan. 5, 1914—SW GUERRERO AND Cumberland S 51-6xW 76. A Gherini to Ratto & Giannini. Dec. 29, 1913
Jan. 5, 1914—W FOURTEENTH AVE 100 N Geary (Pt. Lobos Ave) N 50 W 127-6. R F Reamer to L Palmer. Dec. 27, 1913
Jan. 6, 1914—S TWENTY-FOURTH 59 E Capp E 28xS 67. Gotardo Campini to Mayer Bros. Jan. 2, 1914
Jan. 6, 1914—W ELGIN PARK 257 S McCoppin S 22x75. Susanna Viner to G Carraro. Jan. 6, 1914
Jan. 6, 1914—S STILLMAN 85 E 3rd — 25-9xS 75. Minnie Frischle to Richard Fishy. Dec. 22, 1913
Jan. 6, 1914—LOT 3 BLK 3, Cragmont Bkly. Myrtle M Newman to C J Krieger. Jan. 5, 1914
Jan. 7, 1914—E SPAULDING AVE 153-04 N Channing Way E, 129-25x N 37x Bkly. J A Pinkerton to whom it may concern. Jan. 6, 1914
Jan. 7, 1914—LOT 42 Nap College Court, Okd. Laura J Lloyd to United Home Bldrs. Dec. 20, 1912

Jan. 6, 1914—LOT 11 BLK "A" Bay Park Tract, Ala. F N Strang to whom it may concern.....Jan. 6, 1914
Jan. 6, 1914—LOT 3 BLK 12 Map 4th Ave Heights, Okd. Frank B Lemes to Jespersen & Dippol.....Dec. 29, 1913
Jan. 7, 1914—S ROSE AVE 110 E Gough E 27-6 S to NW Market SW to a pt. caused by intersection of a line at r a to Rose Ave at a pt of Leg and NW Market N to S Rose Ave and pt of beg. Bruce Cornwall to Fisher & Wolfe Co, Inc.....Completed
Jan. 7, 1914—SE BATTERY AND Halleck S 34-8x E 77-6. Isaac Kolm to F L Hansen.....Jan. 5, 1914
Jan. 8, 1914—NW BRYANT 46 SW Main SW 22xNW 65. Jos Erdlatz to N F Nelson.....Dec. 30, 1913
Jan. 8, 1914—NW BRYANT 68 SW Main SW 22xNW 65. C Kristovich, B Mensick and J Klescovich, lessees to N F Nelson Dec. 30, 1913
Jan. 8, 1914—S SUTTER 164-6 E Taylor E 60-9xS 137-6. W F Perkins and H O Trowbridge to Pacific Fire Extinguisher Co.....Dec. 23, 1913
Jan. 8, 1914—W WHITNEY 351 N Miguel W 76xN 25. A V Anderson to whom it may concern.....Jan. 8, '14
Jan. 8, 1914—W TENTH AVE 375 S Irving 50x120. Foresters' Hall Association to G Orri and F Marschalek.....Jan. 8, 1914
Jan. 8, 1914—E TWENTY-FIRST AVE 250 N Anza N 25x120. Margaret Hamill to Thos Hamill. Dec. 29, 1913
Jan. 8, 1914—N CLIFF AVE, bet Cliff House and Suro Baths on side known as Cliff House Stables. Oceanside Amusement Co to E W Elliott.....Jan. 6, 1914
Jan. 8, 1914—E SANCHEZ 425 S 30th S 25x125. Charles G Anderson to whom it may concern.....Jan. 8, 1914
Jan. 8, 1914—SW PALOU AVE 50 NW Lane NW 25x100. Thomas R and Mary Smith to James Tarbett and Fred Knott.....Dec. 30, 1913
Jan. 8, 1914—N BUSH adj E side Mills Bldg fronting on Bush St 65-9. Ogden Mills to R De Luca.....Jan. 7, 1914
Jan. 8, 1914—N ANZA 8'-8 E 24th Ave E 25x100. John F Haner to whom it may concern.....Jan. 6, 1914
Jan. 9, 1914—W EIGHTEENTH AVE 100 N Fulton W 120xN 25. Harriet H and H H Somers to E Ellington & O K Holt.....Jan. 5, 1914
Jan. 9, 1914—NW NOBREGA AND Great Highway E 192-8 N 100 W 100 S 50 W 95-2 1/2 S 50-0 1/2. G P Spotoerno to Fred Kara.....Dec. 26, '13
Jan. 9, 1914—NE GEORGIA AND 23rd (Nevada) E 200 N 433 m or l W 200 S 433 m or l. Pacific Gas & Elec Co to Robert Henry and Robert A Henry as Pacific Coast Boiler Works.....Jan. 25, 1914
Jan. 9, 1914—SE ELLIS & FARRER AVE 30x75. D Harris to Thompson Co, Thompson, Johnston, Healy & Eakin.....Jan. 9, 1914
Jan. 9, 1914—SE MONTGOMERY & Green E 17-6xS 40. C Pavilla to G Mariconi and L Passerini.....Jan. 7, 1914

LIENS FILED

San Francisco.

Jan. 2, 1914—SW OAK & DEVISADERO W 90xS 50. W P Fuller & Co

vs Richey Riddell and W H Bagge & Son.....\$248.88
Jan. 5, 1914—SW OAK AND DEVISADERO W 90xS 50. D Gibbs vs Richey Riddell and W H Bagge & Sons.....\$755.55
Jan. 5, 1914—SW OAK AND DEVISADERO W 90xS 50. L A Hufschmidt Mfg Co vs Richey Riddell and W H Bagge.....\$90
Jan. 6, 1914—SW OAK & DEVISADERO W 90xS 50. F G Norman & Sons vs Richey Riddell and W H Bagge & Son.....\$90.31
Jan. 6, 1914—SW DEVISADERO AND Oak S 50xW 90. Thos J Guilfooy (as Guilfooy Cornice Works) vs Richey Riddell and W H Bagge.....\$240
Jan. 6, 1914—N GEARY 112-6 W Jones W 25xN 137-6. Mayer Walk, \$445; Joseph Pasqualetti, \$155.75 vs Florentina and Wm Wankowski and Mutual Constr Co.....
Jan. 6, 1914—SW OAK & DEVISADERO S 50xW 90. Chris Joessler, \$92.50; Redwood Mfgs Co, \$452.53 vs Richey Riddell and W H Bagge
Jan. 6, 1914—W STOCKTON 75 N Washington N 67-6xW 105. Fort Costa Brick Wks, \$1661.95; United Materials Co, \$608.50; S F Lime Co, \$173.30 vs Mollath Bros, F Rolandi and A P Giannini Co.....
Jan. 7, 1914—SW DEVISADERO AND Oak 50 in Devisadero x 90. John A Roebeling Constr Co of California vs Richey Riddell.....\$27.45
Jan. 7, 1914—N GEARY 112-6 W Jones W 25xN 137-6. Palace Hardware Co, \$249.75; Acme Iron & Wire Works, \$39.50; Atlas Heating & Ventilating Co, \$342.50; St. Francis Ornamental Iron Works, \$250; John M Boscus and Peter J Boscus (Boscus Bros), \$1462.50 vs Florentina and Wm Wankowski and Mutual Constr Co.....
Jan. 7, 1914—SW DEVISADERO AND Oak W 50xS 85. J W Haskins vs Richey Riddell, Snook & Nelson and W H Bagge.....\$60
Jan. 7, 1914—SW OAK AND DEVISADERO W 90xS 50. Henry Gervais vs Richey Riddell and W H Bagge & Son.....\$155
Jan. 7, 1914—SW OAK AND DEVISADERO S 50xW 90. Marshall & Stearns Co vs Richey Riddell and W H Bagge.....\$355
Jan. 7, 1914—SW OAK AND DEVISADERO W 90xS 50. W P Fuller & Co vs Richey Riddell and W H Bagge.....\$248.88
Jan. 7, 1914—SW OAK AND DEVISADERO W 90xS 50. H Ginsberg & S Ginsberg (as S Ginsberg & Co) vs Richey Riddell and W H Bagge.....\$67.50
Jan. 7, 1914—N GEARY 112-6 W Jones W 25xN 137-6. Olson-Mahoney Lumber Co vs Florentina & Wm Wankowski and J Ferguson.....\$245.21
Jan. 7, 1914—SW OAK AND DEVISADERO W 90xS 50. Zenith Iron Wks, \$196; H N McClure, \$76.25; J W Schouten & Co, \$239.99; P F Howard Co of S F, \$151.54; Henry Cowell Lime & Cement Co, \$62.54; Artolith Mfg Co, \$69 vs Richey Riddell and W H Bagge.....
Jan. 7, 1914—N GEARY 112-6 (112.6) W Jones W 25xN 137-6 (137.6) J W Schouten & Co, \$408.63; The Watson Mantel & Tile Co, \$58 vs Florentina and Wm Wankowski and Mutual Constr Co.....

Jan. 7, 1914—N GEARY 112-6 W Jones W 25xN 137-6. Ickelheimer Bros Co, \$355; Withington Iron Works, \$77.20; The Jilley-Thurston Co, \$120; Pacific Wall Bed Co, (E H Bellows, proprietor), \$350; The Holmes Lime Co, \$199.20; J K Stewart, \$74; Fordever Cornice Wks, \$357.10; P F Reilly Co, Inc, \$1132; Schwarz & Gottlieb, Inc, \$160 Edward L Soule, \$311.85 vs Florentina and Wm Wankowski and Mutual Constr Co.....
Jan. 8, 1914—E CUIVIER 100 N Bosworth N 25x100 Lot 25 Bldk 2 De Boom Tct. A W Spelt vs Mrs Mary Doe McCannan, Adam H Lieb and Chas Hearn.....\$415
Jan. 8, 1914—N GEARY 112-6 W Jones W 25xN 137-6. John A Roebeling Son's Co vs Florentina & Wm Wankowski.....\$150
Jan. 8, 1914—N GEARY 112-6 W Jones W 25xN 137-6. B C Van Emon vs Florentina and Wm Wankowski and Mutual Constr Co.....\$1084.63
Jan. 8, 1914—N GEARY 112-6 W Jones W 25xN 137-6. Hart-Wood Lumber Co vs Florentina and Wm Wankowski, Mutual Constr Co and Paul Karrib.....\$105.50
Jan. 8, 1914—N GEARY 112-6 W Jones W 25xN 137-6. Vermont Marble Co, \$200; Arden Plaster Co, \$105.78 vs Florentina and Wm Wankowski and Mutual Constr Co
Jan. 8, 1914—N GEARY 112-6 W Jones W 25xN 137-6. Uhl Bros vs Meyer Volk, Mutual Constr Co and Florentina & Wm Wankowski, \$76.63
Jan. 8, 1914—N GEARY 112-6 W Jones W 25xN 137-6. Robert Balzke, \$419.25; Holloway Expanded Metal Co, \$82.62; C Ayers, \$99.75 vs Paul Karib, Florentina and Wm Wankowski.....

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE—2 story and base, frame, \$13,000. Oakland, Cal. Architect, C. H. Miller, Dalziel Bldg., Oakland. Owners, The Midgley Co, Dalziel Bldg., Oakland. The building will be erected on the east side of Staten avenue, north of Grand, and as been designed to contain a number of two and three room suites with private baths and wall beds. Interior finish will be of pine, redwood and hardwood panels. Oak floors will be used in the principal rooms. Plans provide for steam heat, a vacuum cleaning system and hot water supply. Bath rooms will have composition floors and tile wainscot. Entrance will be finished in marble and tile. Exterior of the building will be faced with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

APARTMENT HOUSE—5 story and base, brick and steel, \$80,000. Berkeley, Cal. Architect, W. H. Rateliff, Jr., First National Bank Bldg., Berkeley. Owners, Elston and Clark. The building will be erected at the corner of Telegraph avenue and Durant, covering a large ground area. Interior will be arranged for suites of two and three rooms with bath and wall beds. Interior finish will be of pine and hardwood veneer with oak

floors in the halls and living rooms. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will have composition floors and the wainscot. Marble and tile will be used in the entrance. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are complete and the architect is taking segregated figures on all parts of the work.

LODGE HALL—2 story and base, frame, \$8,000. Oakland, Cal. Architect, Ivan C. Satterlee 470 13th street, Oakland. Owners, Danish Hall Association. The building will be erected on the north side of 11th street, east of Jackson. Interior of the building will be arranged for lodge halls and offices, and will be finished in pine. A maple floor will be used. There will be a hot air system of heating. Marble, tile and terrazzo will be used in the entrance. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners, who are now taking figures on the general construction.

RESIDENCE—2 story and base, frame, \$4,000. Oakland, Cal. Architect, Maury I. Diggs, 2544 Bowditch avenue, Berkeley. Owner, J. A. Marshall. The dwelling has been designed for a nine-room house, and will be erected on the north side of Keith avenue. Interior finish will be of pine and redwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, brick and frame, \$25,000. Berkeley, Alameda Co., Cal. Architect, Albert Farr, Foxcroft Bldg., S. F. Owner, J. H. Spohn. The dwelling has been designed to contain ten rooms, several baths and sleeping porches. A garage of similar construction will also be erected on the property. Interior finish will be of pine and hardwood with oak floors and white enamel. There will be a central heating system, either hot water or steam. Open fire places will be used in several of the rooms. Mantels will be of tile and brick. Bath rooms will be equipped with showers and will have tile floors and wainscot. Automatic water heaters will be installed. Exterior of the dwelling and garage will be covered with pressed brick and cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$5,000. Piedmont, Alameda Co., Cal. Architect, Charles W. McCall Central Bank Bldg., Oakland. Owner's name withheld. The house has been designed for a seven-room dwelling with bath and sleeping porch. Interior finish will be of pine and redwood with some hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room and kitchen. An auto-

matic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

SCHOOL—1 and 2 story and base, reinforced concrete. Cost not stated. Oakland, Cal. Architect, J. J. Donovan. Security Bank Bldg., Oakland. Owners, City of Oakland. The announcement has been made that the Sound Construction Co., Hearst Bldg., S. F., would complete the work on the Lockwood School. The original contract was awarded to F. J. Amweg, 244 Kearny street. Mr. Amweg was forced to abandon this contract and some work in Bakersfield.

SEWER PIPE—Reinforced concrete. Cost not stated. Berkeley, Alameda Co., Cal. Engineer, City Engineer Jessup, Berkeley. Owners, City of Berkeley. Bids will be opened on January 14th by the Berkeley Council for furnishing a large amount of reinforced concrete sewer pipe to the city. Further particulars can be secured from the City Engineer.

BUNGALOW—1½ story and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architect, Alvin J. Stern, 1522 Broadway, Oakland. Owner, A. P. Anderson. The house will be erected on Desmond street, and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine throughout. Oak floors will be used in the dining room, living room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$10,000. Pleasanton, Alameda Co., Cal. Architects, O'Brien & Werner, Foxcroft Bldg., S. F. Owner, Mr. McKenzie. Contractor, James L. McLaughlin, 244 Kearny street, S. F. Note: The contractor is now in the market for subfurnitures on the plumbing, electric work, mill work and heating.

Contracts Awarded.

THEATRE AND AMUSEMENT PARK AND BATHS—Concrete and frame construction, \$150,000. Alameda, Alameda Co., Cal. Architect, John E. Carson, Bacon Bldg., Oakland. Owners, Sunnyvale Beach Co. Contractor, John E. Carson, Bacon Bldg., Oakland. Contract price, \$150,000.

Building Contracts Awarded

Oakland.

No.	Owner	Contractor	Am't.
17	Cohan	Woodward	3500
18	Eckstrand	Eckstrand	800
19	Martin	Walker	2000
20	Ghisla	Steffen	1225
24	Ghisla	Steffen	1325
30	Rogers	Oak Bldg	450
31	Spar	Spar	400
32	Midgley	Midgley	12000
33	Philips	Philips	1900
34	Marshall	Marshall	4000
35	Marymont	Legaunt	2000
36	Bischoff	Bischoff	2500
37	Russell	Reed	1500
38	Degan	Hambleton	2450
40	Fitch	Italy	8925
41	San Leandro	Fink	1900
42	Sheridan	Sheridan	2000
43	Abrahamson	Lelter	400
44	Moulds	Moulds	400
45	Belgrano	Land	550

46	Am Creamery	Williams	1000
49	Havens	Anderson	4682
50	Bainero	Bainero	400
51	Ventre	Ventre	2000
53	Glissman	Vaughn	1000
54	Anderson	Anderson	3000
55	Bernadon	Owner	400
56	Reed	Reed	2000

(17) **THIRTEENTH AVE 325 N** Wellington, Oakland. One and one-half-story seven-room dwelling. Owner, J. E. Cochran, 1130 40th Ave., Oakland. Architect, None. Contractor, E. W. Woodard, 2645 13th Ave., Oakland.

COST, \$3500

(18) **W THIRTY-SEVENTH AVE 1044** N E-14th, Oakland. One-story two-room dwelling. Owner, Dan Eckstrand, 625 9th. Oakland. Architect, None. Day's work.

COST, \$600

(19) **SE FORTY-FIRST AND LUSK**, Oakland. One-story 5-room dwlg. Owner, Charles M. Martin, Cor. 36th and Market, Oakland. Architect, None. Contractor, W. A. Walker, 1613 Telegraph Ave., Oakland.

COST, \$2000

(20) **NE FRUITVALE AVE AND** Blossom, Oakland. Alterations. Owner, Fred Ghisla, Premises. Architect, None. Contractor, G. W. Steffen, 652 8th, Oakland.

COST, \$1325

(24) **SW FRUITVALE AVE AND** Blossom, Oakland. Concrete, terrazzo, carpenter, mill work, sash and doors, glass, galvanized and stamped iron, plumbing, painting, etc., for alterations to two-story store and dwelling.

Owner, Fred Ghisla, 2585 Fruitvale Ave., Oakland.

Architect, None. Contractor, Gus Steffen, Oakland. Filed Jan. 5, '14. Dated Dec. 30, '13.

Joists, studding, sheathing, rustic, wiring, mill work, concrete and flooring in place, \$662.50
Completed and accepted, 331.25
Usual 35 days, 331.25
TOTAL COST, \$1325.00

Bond, none Limit, 21 days. Forfeit, none. Plans and specifications filed.

(30) **NO. 1215 FIRST AVE.**, Oakland. Alterations. Owner, Frank Rogers, Premises. Architect, None. Contractor, Oakland Bldg & Invest. Co. Bacon Bldg., Oakland.

COST, \$450

(31) **NO. 1637 ELEVENTH AVE.**, Oakland. Addition. Owner, J. S. Spar, Premises. Architect, None. Day's work.

COST, \$400

(32) **E STATEN AVE 125 N** Grand Ave., Oakland. Three-story 24-room apartments. Owner, The Midgley Co., Dalziel Bldg., Oakland. Architect, C. H. Miller, Dalziel Bldg., Oakland.

Day's work. COST, \$12,000

(33) **N HOPKINS 426 E** Fruitvale Ave. Oakland. One-story 5-room dwelling

Owner.....Chas. Files, 1920 Castro, Oakland.
 Architect...None.
 Day's work. COST, \$1900

(34) N KEITH AVE opp McMillan, Oakland. Two-story 9-room dwlg.
 Owner.....J. A. Marshall, 2967 Avalon Ave., Berkeley.
 Architect...Maury L. Dicks, 2544 Bowditch Ave., Berkeley.
 Day's work. COST, \$4000

(35) NO. 477 FOURTEENTH, Oakland Alterations.
 Owner.....H. Marymont, Premises.
 Architect...J. H. Boecher, Delger Bldg Oakland.
 Contractor..Alfred Legault, 3929 West, Oakland.
 COST, \$2000

(36) NE CHERRY AND HARWOOD, Oakland. One and one-half-story 6-room dwelling.
 Owner.....Jno. A. Bischoff, 551 Crofton Ave., Oakland.
 Architect...None
 Day's work. COST, \$2500

(37) W END LOTS 21 AND 31, LOTS 31 and 32 Claremont Ave Tract Revised Bldk "D" 14c3, having 30 frontage on 62nd 100 W Hillegass, Oakland. All work for one-story dwelling.
 Owner.....Thos. A. and Anna Russell, Premises.
 Architect...None

Contractor..G. G. Reed, 681 62nd, Okd.
 Filed Jan. 6, '14. Dated Jan. 3, '14.
 Frame up ¼
 Plaster on ¼
 Completed ¼
 Usual 35 days..... ¼
 TOTAL COST, \$1500
 Bond, none. Limit, 100 days. Forfeit, 1. Plans and specifications filed.

(38) N LOGAN 275 W Peralta, Oakland. One-story 7-room dwelling.
 Owner.....Wm. Degan, 612 E-16th, Oakland.
 Architect...None
 Contractor..Fred Hambleton, 575 43rd, Oakland.
 COST, \$2450

(40) N LAWTON AVE 125 E Gray, Oakland. All work for two-story dwelling.
 Owner.....Mrs. L. J. Fitch.
 Architect...Wm. A. Newman, Hewes Bldg., San Francisco.
 Contractor..Tarald Anderson.
 Filed Jan. 6, '14. Dated —
 TOTAL COST, \$—
 Bond, limit, forfeit, none. Plans and specifications filed.

NOTE:—Plans and specifications only filed on above.

(41) NW HAYWARD & ESTUDILLO Aves, San Leandro. Bank fixtures for bank.
 Owner.....Bank of San Leandro.
 Architect...W. H. Weeks, 75 Post, S. F.
 Contractor..Fink & Schindler, 213 13th San Francisco.
 Filed Jan. 6, '14. Dated Dec. 23, '13.
 As work progresses..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$3925
 Bond, none. Limit, 45 days. Forfeit, \$10. Plans and specifications filed.

(42) W SIXTY-FOURTH AVE, 1 Bk N E-11th, Oakland. One-story six-room dwelling.
 Owner.....K. M. Sheridan, 1020 Broadway, Oakland.
 Architect...None.
 Day's work. COST, \$2000

(13) SE THIRTEENTH AND CLAY, Oakland. side walk alterations.
 Owner.....J. & H. Abrahamson, 13th and Washington, Okd.
 Architect...C. W. Dickey, Central Bk. Bldg., Oakland.
 Contractor..E. T. Letter & Sons, 3601 West, Oakland.
 COST, \$100

(44) S FOOTHILL BLVD 100 W 35th Ave, Oakland. One-story 3-room dwelling.
 Owner.....R. Moulds, 3735 Foothill Blvd., Oakland.
 Architect...None.
 Day's work. COST, \$100

(45) NO. 732 SEVENTH AVE., Oakland. Addition.
 Owner.....F. N. Reigrano, 1132 7th Ave., Oakland.
 Architect...None.
 Contractor..Carl C. Lund, 1383 8th, Oakland.
 COST, \$550

(46) NO. 1433 FIFTEENTH, Oakland. Addition.
 Owner.....American Creamery Co., Premises.
 Architect...None.
 Contractor..F. J. Williams.
 COST, \$1000

(49) LOT 14 MAP RESRDVNS LOTS 18 to 27 incl of Map Crocker Tract, Piedmont. All work for two-story dwelling.
 Owner.....Wickham Havens, Oakland Bank of Svcs., Oakland.
 Architect...None.
 Contractor..C. A. Anderson and B. G. Larson, 228 Wayne Ave., Oakland.

Filed Jan. 7, '14. Dated Jan. 3, '14.
 Frame up ¼
 Brown coated ¼
 Completed and accepted..... ¼
 Usual 35 days..... ¼
 TOTAL COST, \$4682
 Bond, \$2341. Surety, American Surety Co. Limit, 120 days. Forfeit, \$5. Plans and specifications filed.

(50) N LONGFELLOW AVE 100 E 102nd Ave, Oakland. One-story 3-room dwelling.
 Owner.....C. Rainero.
 Architect...None.
 Contractor..Jno. Brunnyty.
 COST, \$400

(51) E FORTIETH AVE 260 N Mera, Oakland. One-story 5-room dwlg.
 Owner.....Mrs. Katherine Ventre, 3912 San Juan, Oakland.
 Architect...None.
 Contractor..Jas. Ventre, 1226 81st Ave Oakland.
 COST, \$2000

(53) NO. 4226 OPAL, Oakland Repairs.
 Owner.....Glissman, Premises.
 Architect...None.
 Contractor..M. C. Vaughn, 5833 Ayala, Oakland.
 COST, \$1000

(54) W DESMOND 50 S Clifton, Oakland. One and one-half-story five-room dwelling.
 Owner.....A. P. Anderson, 622 47th, Oakland.
 Architect...Alvin J. Stern, 1522 Broadway, Oakland.
 Day's work. COST, \$3000

(55) NO. 1058 ALLIEN, Oakland Alterations.
 Owner.....J. Bernadav, 5665 San Pablo Ave., Oakland.
 Architect...None.
 Day's work. COST, \$400

(56) N WOODBINE COURT 300 W Fruitvale Ave., Oakland. One-story five-room dwelling.
 Owner.....C. Reed, 2543 Scenic Ave., Oakland.
 Architect...A. J. Stern, 1522 Broadway Oakland.
 Day's work. COST, \$2000

Building Contracts Awarded Berkeley.

No.	Owner	Contractor	Am't.
21	Sather	King	6000
22	Bartie	Morton	400
23	Nichol	Nichol	3000
29	Mayhew	Ekstrom	1300
39	Haly	Haly	1500
47	Bradshaw	Bradshaw	400
48	Robinson	Warren	4000
52	Brown	Sorensen	3000
57	Jewett	House	400
58	Bkly Dev	Madison	3000

(21) E SHATTUCK AVE 90 S Haste, Berkeley. Two-story truck garage.
 Owner.....J. P. Sather, 3025 Richmond Ave., Oakland.
 Architect...None.
 Contractor..Geo. E. King, Morrill Apartments, Berkeley.
 COST, \$6000

(22) SE DWIGHT WAY AND SHATTUCK AVE, Berkeley. Plumbing, electric wiring, painting and papering.
 Owner.....Bartie & Batdorf, 1736 Milvia, Berkeley.
 Architect...None.
 Contractor..Morton.
 COST, \$400

(23) N MONTEREY AVE 100 W Fresno, Berkeley. One-story 6-room dwelling.
 Owner.....Mary Nichol, 2059 University Ave., Berkeley.
 Architect...None.
 Contractor..F. H. Nichol.
 COST, \$2000

(29) S ASHEY AVE 330 W California, Berkeley. One-story 5-room dwelling.
 Owner.....Mr. and Mrs. Mayhew, 1537 McAllister, San Francisco.
 Architect...None.
 Contractor..Ekstrom & Nelson, 1645 Fairview, Berkeley.
 COST, \$1800

(39) NW SEVENTH & PARDEE, Berkeley. One and one-half-story six-room dwelling.
 Owner.....W. Haly, 849 Pardee, Bkly.
 Architect...None.
 Day's work. COST, \$1500

(47) NO. 2044 UNIVERSITY AVE., Berkeley. Alterations.

Owner.....R. H. Bradshaw, 6429 Telegraph Ave., Oakland.
 Architect...None.
 Day's work. COST, \$400

(48) N BAY VIEW PLACE 300 E Spring, Berkeley. Two-story seven-room dwelling.

Owner.....Leslie Robinson, 1334-A Oxford, Berkeley.
 Architect...James W. Plachek, 1424 Spring, Berkeley.
 Contractor..C. H. Warren, 2200 Atherton, Berkeley.
 COST, \$4000

(52) E CLAREMONT AVE 60 S Russell, Berkeley. Two-story six-room dwelling.

Owner.....A. W. Brown, 1829 Alcatraz Ave., Berkeley.
 Architect...None.
 Contractor..Walter Sorensen, 3219 Ellis Berkeley.
 COST, \$3000

(57) N IRVING 60 W Sacramento, Berkeley. Alterations.

Owner.....R. M. Jewett, 1700 University Ave. Berkeley.
 Architect...None.
 Contractor..W. T. House, 2334 McGee, Berkeley.
 COST, \$400

(58) N MARIN AVE 437 E Alameda, Berkeley. Two-story 8-room dwlg.

Owner.....Berkeley Development Co., Studio Bldg., Berkeley.
 Architect...H. H. Guttersen, 80 Post, San Francisco.
 Contractor..C. R. Madison, 2905 Deakin Berkeley.
 COST, \$3000

Building Contracts Awarded

Alameda.

No.	Owner	Contractor	Amt.
23	Hillen	Hillen	3000
24	Same	Same	3000
27	Same	Same	3000
28	Same	Same	2000

(25) NO. 3248 LIBERTY AVE, Alameda. One-story 5-room dwelling.

Owner.....R. C. Hillen, Fernside & Liberty Ave., Alameda.
 Architect...None.
 Day's work. COST, \$3000

(26) NO. 1450 FERNSIDE BOULEVARD. One-story 6-room dwelling.

Owner.....R. C. Hillen, Fernside & Liberty Ave., Alameda.
 Architect...None.
 Day's work. COST, \$3000

(27) NO. 1544 MOZART, Alameda. One-story 5-room dwelling.

Owner.....R. C. Hillen, Fernside & Liberty Ave., Alameda.
 Architect...None.
 Day's work. COST, \$2000

(28) NO. 1548 MOZART, Alameda. One-story 5-room dwelling.

Owner.....R. C. Hillen, Fernside & Liberty Ave., Alameda.
 Architect...None.
 Day's work. COST, \$2000

NOTICE OF NON-LIABILITY.

Jan. 6, 1914—LOT 14 BLK "M" Mission Street Land Co Homestead Realty Co as to improvements on leased property.....

COMPLETION NOTICES.

ALAMEDA COUNTY

Jan. 9, 1914—NW FIFTEENTH AND Washington N 69.55 W 59.34 S 80.92 E 44.95, Okd. Charles J. Hieseman to C. L. Cummings.....Jan. 5, 1914

Jan. 9, 1914—S FORTY-FIRST 450 E Broadway E 50xS 143, Okd. Lillian H Troy to whom it may concern.....Jan. 3, 1914

Jan. 9, 1914—THIRTY-NINTH AVE 430 NE Hopkins 50x208 being Nos. 3735-37 29th Ave., Okd. Anna M and Joseph Cottrell to Home Buyers Syndicate.....Jan. 7, 1914

Jan. 8, 1914—LOT 4 Map Sbdvn Lot 46, Bray Tract, Okd John and Anna Handschumacher to E C Sydes.....Dec. 2, 1913

Jan. 8, 1914—SE SAN PABLO AVE and 16th NE 18.65 SE 80.10 SW 56.42 SW 75.19 N 67.46, Okd. First Trust & Savings Bank (by P J Walker Co) to Robert W Bartram.....Jan. 7, 1914

LIENS FILED.

ALAMEDA COUNTY.

Jan. 3, 1913—NE PIEDMONT AVE & (Standard Art Glass Works) vs T Dwight Way, Bkly. E Lightfoot M Shearman and H D Koch.....\$100

Jan. 2, 1914—NE PIEDMONT AVE & Dwight Way E 70xN 111.50, Bkly. Berkeley Lumber Co vs T M Shearman and H D Koch.....\$564.05

Jan. 3, 1913—NE PIEDMONT AVE and Dwight Way E 70 N 111.50 W 95 S 166.6, Bkly. Taylor Co vs T M Shearman and H D Koch.....\$1770.30

Jan. 3, 1913—NE PIEDMONT AVE & Dwight Way, Bkly. Joseph Musto Sons-Keenan Co vs T M Shearman, H D Koch and Oakland Concrete, Tile & Terazzo Co.....\$108.80

Jan. 5, 1914—NE PIEDMONT AVE & Dwight Way E 70 N 111.50 W to Piedmont Ave S to pt beg. Bkly. Pierce Hardware Co, \$22.60; C W Dickson and F L Holbrook, \$269; Capitol Elec Co, \$175 vs T M Shearman and H D Koch.....

Jan. 6, 1914—NE PIEDMONT AVE & Dwight Way E 70 N 111.51 W 95 S 116.6-12, Bkly. William E Bradley \$115; Summer Randall, \$45.89; Strable Mfg Co, \$500.64; W P Fuller & Co, \$675; Wm McKin, \$500 vs T M Shearman and H D Koch.....

Jan. 6, 1914—SW HOLLY 118 N 90th Ave NW 25xSW 80, Oakland Hogan Lumber Co vs L A P and Nellie Larsen.....\$815.10

Jan. 7, 1914—NE DWIGHT WAY & Piedmont Ave 80 m or l on each said streets, Bkly. Thomas Wilson vs T M Sherman and H D Koch.....\$453.50

Jan. 7, 1914—NE DWIGHT WAY & Piedmont Ave E 70 N 111.50 W 95 S 116.6, Bkly. Wm Makin, \$892; United Materials Co, \$923.25; F A Larsen, \$22; N C Jensen, \$30; Theodore Koch, \$59.50; Louis A Weichselder, \$30; Berkeley Hardware Co, \$55.30; S J M Coates, \$51 vs T M Shearman and H D Koch.....

Jan. 8, 1914—PTN PLOT "H" MAP Rancho Las Positas, Murry Tp. Anspacher Bros vs Herman Murphy, Henry S Bridge and L A Myers.....\$549.10

Jan. 8, 1914—BOUNDED ON N BY County Road 518 S Center In Palm Ave, E land Williams, W land Wright 330x390, being ptn sbdvn J Rancho Las Positas, Murry Tp. Anspacher Bros vs Herman Murphy, Estate of Bridge and May E Bridge.....\$288.40

SUMMARY OF BUILDING PERMITS.

Applied for at the Bureau of Permits and Licenses, Oakland, Cal., for the Month of December, 1913.

Classification	No. of Permits	Issued	Cost
Bldgs.			
1-story dwellings.....	62		\$101,551.50
1 1/2-st dwellings.....	6		14,832.00
2-story dwellings.....	15		15,330.00
2-st dwlgs with stores	1		1,900.00
2-story flats.....	2		13,000.00
2-st apartments.....	2		12,000.00
3-st apartments.....	1		19,600.00
1-story stores.....	2		360.00
2-story office building with stores.....	1		5,328.00
1-st mezzanine brick armory building....	1		10,000.00
1-st reinforced concrete nickelodeon with stores.....	1		9,000.00
2-st corrugated iron store house.....	1		1,500.00
Galvanized iron garage	1		500.00
Concrete garage.....	1		250.00
Brick cleaning & dyeing room.....	1		170.00
Pigeon houses.....	2		500.00
Lumber shed.....	1		350.00
Work shops, tank frames and barns....	9		2,238.00
Garages, sheds&stables	20		2,205.00
Alterations additions and repairs.....	72		28,070.00
Public buildings under construction	—		\$18,967.20
Total	62		\$1,099,621.70
New construction.....	130		1,071,551.70
Alterations, additions and repairs.....	72		28,070.00
Total	202		\$1,099,621.70

Owner.....Irene Sabin Merrill, San Francisco.
 Architect...McDougal Bros., Russ Bldg., San Francisco.
 Contractor...McKenzie & Pinkerton, San Francisco.

Filed Dec. 24, '13. Dated Dec. 6, '13.
 Foundation in and frame up...\$ 683
 Windows in, floors laid and 1st coat plaster on..... 800
 White plaster on..... 800
 When completed..... 900
 Usual 35 days..... 1061
 TOTAL COST, \$1244

Bond, \$1061. Surety, American Surety Co. of New York. Limit, April 23, '14. Forfeit, none. Plans and specifications filed.

IN THE WILLOWS, San Jose. Reconstruction of house.

Owner.....Mrs. H. A. Wythe, San Jose
 Architect...W. J. Wythe, San Jose.
 Contractor...John Johnson, 201 N-12th St., San Jose.

Filed Dec. 26, '13. Dated Dec. 26, '13.
 Ready for plaster.....\$322.50
 When plastered..... 322.50
 When completed..... 322.50
 Usual 35 days..... 332.50
 TOTAL COST, \$1331.00

Bond, \$675. Surety, U. S. Fidelity & guarantee Co. Limit, 40 days. Forfeit, none. Plans and specifications filed.

NW KEYS AND SECOND STS, San Jose. All work for one-story five-room cottage.

Owner.....L. D. Arata, San Jose.
 Architect...S. G. Peltor, 445 S-Third St., San Jose.

Contractor...A. Anderson, San Jose.
 Filed Dec. 22, '13. Dated Nov. 4, '13.
 Frame up.....\$700
 Plaster on..... 700
 When completed..... 700
 Usual 35 days..... 700
 TOTAL COST, \$2800

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

NO. 468 NORTH-SEVENTH ST., San Jose. All work for five-room frame dwelling.

Owner.....Grace Baxter, San Jose.
 Architect...H. Nice, San Jose.
 Contractor...H. Nice.

Filed Dec. 17, '13. Dated Dec. 17, '13.
 \$55 each week on labor.....
 One-half total amount when roof is on.....
 Balance of 75% when contract is finished.....
 Remaining 25% usual 35 days.....
 TOTAL COST, \$1050

Bond, \$525. Surety, O. L. Johnson. Limit, forfeit, none. Plans and specifications filed.

NOS. 404 AND 406 S-SEVENTH, San Jose. Remodel and repair residence
 Owner.....E. L. Wolfe, 1012 Bird Ave San Jose.
 Architect...None.
 Day's work..... COST, \$1500

NO. 421 N-SIXTEENTH, San Jose. Five-room cottage.

Owner.....E. C. Ferguson, Premises.
 Architect...None.
 Contractor...S. G. Peltor, 445 S-Third St., San Jose
 COST, \$2500

NO. 234 S-FOURTEENTH, San Jose. Six-room cottage.

Owner.....W. M. Lewis, 145 S-17th St., San Jose
 Architect...None.
 Day's work..... COST, \$3000

NO. 357 S-SIXTEENTH, San Jose. Two room addition to cottage.

Owner.....Mrs. J. B. McClelland, 357 S-Sixteenth St., San Jose.
 Architect...None.
 Contractor...W. G. Younger, 114 S-19th St., San Jose.
 COST, \$1000

Building Contracts.

SAN MATEO COUNTY.

LOT 6 BLK 3, Crystal Springs Park. All work for two-story frame building and garage.

Owner.....William C. Duncan.
 Architect...Charles Peter Weeks, Mutual Bank Bldg., S. F.
 Contractor...Collman & Collman, 110 Jessie, San Francisco.

Filed Dec. 12, '13. Dated Dec. 10, '13.
 Frame up.....\$2786.00
 Ready for plastering..... 2786.00
 Ready for finish..... 2787.00
 Completed and accepted..... 2787.50
 Usual 35 days..... 3715.50
 TOTAL COST, \$14,862.00

Bond, \$7431. Surety, Fidelity & Deposit Co. of Maryland. Limit, 100 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
 Jan. 5, 1914—SECOND AVE AND County Road, San Mateo. St. Matthews Red Cross Hospital to Vulcan Iron Works.....Dec. 24, 1913

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED ACCEPTED
 Dec. 16, 1913—LOT NO. 10 Levin Tct, San Jose, Chas B Escalle to W H Bates.....Dec. 1, 1913
 Dec. 22, 1913—LOT 8 BLK 4, J B Randall's Add'n to Chapman and Davis Tct, San Jose, N L Candee to L H Lubrecht.....Dec. 22, 1913
 Dec. 24, 1913—W EIGHTH nr Julian San Jose. City of San Jose to T J Schererebeck.....Dec. 12, 1912
 Dec. 24, 1913—LOT 41 Walsh Residence Tct, San Jose A J Gereach to Howard Waltz.....Dec. 22, 1913

Jan. 2, 1914—LOT 3 BLK 16 Polhemus Tct, San Jose, A Cardon and Lysa Cardon to E Delmue.....Dec. 22, 1913
 Jan. 2, 1914—WHERE SAN CARLOS St. meets the Los Gatos Creek, San Jose. Nellie Scott Harriss to F E

LIENS FILED

SANTA CLARA COUNTY.

RECORDED AMOUNT
 Jan. 2, 1914—N-SAN PEDRO NO. 569 San Jose. G F Smith vs A C Breyer.....\$34.75

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RAILROAD STATION—1 story and base, reinforced concrete, \$18,000. Concord, Contra Costa Co., Cal. Architect's name not given. Owners, Oakland-Antioch Railroad Co., California-Pacific Bldg., S. F. A new station is to be erected at once in Concord. The building will be designed in the Mission style, and will be faced with cement plaster. A red clay tile roof will be used. There will be two waiting rooms, agent's office and baggage rooms. Interior finish will be of pine throughout. Cement and tile floor will be used. Further mention will be made of this work.

Contracts Awarded.

TUNNEL AND ROAD WORK—\$232,084.16. Richmond, Contra Costa Co., Cal. Engineers, Haviland & Tibbetts, Alaska Commercial Bldg., S. F. Owners, City of Richmond. Contractors, Shattuck-Ediger Co., 268 Market St. S. F. Contract price, \$232,084.16. A complete list of the bids received for this work will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

SEWER CONSTRUCTION—\$7,641.82. Richmond, Contra Costa Co., Cal. Engineer's name not given. Owners, City of Richmond. Contractor, William Heafey. Contract price, \$7,641.82.

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED ACCEPTED
 Jan. 6, 1914—S BELLE & GRAND Aves, San Rafael, Margaret Foster to J A Kappenmann Jr.....Dec. 31, 1913

LIENS FILED.

SAN MATEO COUNTY.

RECORDED AMOUNT
 Jan. 5, 1914—LOTS 5 AND 6 BLK "C" of Mission Tact, Daly City. H H Smith vs Wiley C A Koehncke.....\$324

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED ACCEPTED
 Jan. 7, 1914—BUTLER TCT. Kentfield, Marin Co. R W Belson to Andrew Helbing.....Dec. 24, 1913

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
 Dec. 26, 1913—LOTS 8 AND 9 Town of Walnut creek. First National Bank of Walnut Creek to Home Mfg Co.....Dec. 15, 1912
 Jan. 2, 1914—LOTS 6, 7, 8 AND 9 BLK 10, City of Richmond. Revere Investment Co. A Roth and G W Stamper to McKillop Bros.....Dec. 23, 1913
 Jan. 3, 1914—ASSOCIATED OIL CO'S Ppty near Avon. Associated Oil Co to Reeves Bros Co.....Dec. 20, 1913
 Jan. 5, 1914—DESCRIBED TRACT IN Town of Concord. W W Bacon to D H MacQuiddy.....Dec. 24, 1913

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FRESNO, MODESTO, STANIS- LAUS AND CENTRAL CALIFORNIA.

APARTMENT HOUSE AND OFFICES—3 story and base. Class A construction, \$35,000. Fresno, Fresno Co., Cal. Architect, R. F. Feichlin, Fresno. Owner, Mrs. C. E. Shaver. The building will be erected at the southwest corner of J and Merced streets, covering an area of 100 by 150 feet. Construction will be of steel and reinforced concrete with concrete floors and walls. Interior partitions will be of hollow tile and metal lath and plaster. The first floor will be arranged for stores and offices, and the second floor for modern apartment suites. Interior finish will be of pine with hardwood floors. Plans provide for steam heat, a modern oil burning plant and vacuum cleaning. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with cement plaster. Patent store fronts are specified. Plans are complete and the work will be done by Day Labor.

SCHOOL—2 story and base, brick, \$45,000. Sanger, Fresno Co., Cal. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owners, Sanger Union High School District. The building will contain a number of class rooms, assembly hall, laboratories, manual training and domestic science departments. Interior finish will be of pine with some maple floors. Plans provide for a hot air heating system with complete oil burning equipment. Toilets will have cement floors and tile wainscot. There will be vacuum cleaning and program clocks. Exterior of the building will be faced with pressed brick. Plans will be complete and ready for figures by January 25th. Further mention will be made of the work.

DAM—Earth and concrete, \$2,000, 000. Modesto, Stanislaus Co., Cal. Engineer, Turlock Irrigation District, Modesto. Owners, Turlock Irrigation District. Preliminary plans for Dam No. 2, which is to be erected by the Turlock Irrigation District on the Tuolumne River several miles above La Grange, have been filed at Sacramento. The proposed dam will be 253 feet high with an upper width of 200 feet. Modesto may join with Turlock in the construction. Further mention will be made of the work.

HALL OF RECORDS—2 story and base, \$40,000. Merced, Merced Co., Cal. Architect, C. H. Russell, Union League Bldg., L. A. Owners, Merced County.

Revised plans for this building have been completed and figures will be called for at once. The building will be 42 by 85 feet, classic in design and fireproof throughout. Interior has been arranged for the offices of the County Recorder, Tax Collector and Assessor. Interior finish will be of hardwoods, marble, tile and ornamental plaster. There will be fireproof vaults and metal window sash and frames. A steam heating system and oil burning plant will be installed. Exterior of the building will be faced with matt glazed terra cotta.

PUMPING PLANT—1 story and base, reinforced concrete. Cost not stated. Porterville, Tulare Co., Cal. Engineer's name not given. Owners, City of Porterville. Plans are now being prepared for a one-story reinforced concrete pumping plant, which is to complete the municipal water system in Porterville. Bids will be called for at once. Separate figures will be taken for the construction of the building and for the mechanical equipment. Further mention will be made of the work.

IRRIGATION CANALS, ETC. Cost not stated. Turlock, Stanislaus Co., Cal. Engineer, District Engineer, Turlock. Owners, Turlock Irrigation District. Plans are complete and have been approved for the extension of the Turlock Irrigation District known as Cut B. Bids will be received by the directors of the district on January 26th. Further information can be secured from the Irrigation Co. at Turlock.

DAMS AND DITCHES—Cost not stated. Hanford, Kings Co., Cal. Engineer, A. J. Nielsen, Hanford. Owner, S. Richardson, San Francisco. Plans are now being prepared for a number of small earth dams and several large ditches in connection with the reclamation project on the 4,000-acre tract near Hanford. Bids will be called for shortly. Full particulars can be secured from either the owner or engineer.

STORE ALTERATIONS AND ADDITIONS—2 story, brick. Cost not stated. Strathmore, Tulare Co., Cal. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owners, Balfour-Guthrie Co. The present two-story building will be altered into modern offices. The work will include a new heating system, interior partition work, plumbing, painting and electric installations. Exterior will not be altered. Plans are being prepared.

E. H. Williams Chalmers Munday

Munday & Williams

Attorneys-at-Law

Special Attention Given to Building
Law and Bankruptcy Cases

Telephone Kearny 2622

615 Phelan Building, San Francisco

Contracts Awarded.

SCHOOL—1 story and base, brick. Cost not stated. Sanger, Fresno Co., Cal. Architect, J. Carl Thayer, Forsythe Bldg., Fresno. Owners, Sanger School District. Contractors, Trehitt & Shields, Rowell Bldg., Fresno. Contract price not stated.

SCHOOL—1 story and base, brick, \$16,380. Tulare, Tulare Co., Cal. Architect, none. Owners, Tulare School District. Contractors, A. Noble & Sons, Visalia. Contract price, \$16,380.

Building Contracts.

FRESNO COUNTY.

LOTS 17, 18, 19 BLK 73, Fresno. Alterations to brick business building. Owner, W. J. O'Neill, Fresno. Architect, None.

Contractor, D. A. Cowan & Son, Fresno

Filed Jan. 9, '14. Dated Jan. 6, '14

Structural steel on ground, \$850

Structural steel is placed, 850

When completed, 850

36 days, 850

TOTAL COST, \$3,400

Bond, \$1700. Sureties, F. Hienenberg and Wm. Shaw. Limit, forfeit, none

Plans and specifications filed.

COMPLETION NOTICES.

FRESNO COUNTY.

RECORDED ACCEPTED

Jan. 2, 1914—NE ¼ OF SEC ¼ OF

Sec 26, 19-15. California Oilfields,

Limited to Paraffine Paint Co.,

Dec. 24, 1913

Jan. 5, 1914—LOTS 9 & 10 BLK 181

City of Fresno. Associated Oil Co.

to H F Smith, Dec. 29, 1913

Jan. 5, 1914—LOT 4 Burlingame Villa

Park. C A Kleinborts to Seife &

Lehman, Jan. 2, 1914

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

PASSENGER STATION—2 story and base, reinforced concrete, \$50,000. Sacramento, Cal. Architect's name not given. Owners, Oakland-Antioch Railroad Co., California-Pacific Bldg., S. F. The building will be erected at the corner of 3rd and J streets, covering an area of 75 by 150 feet. The first floor will contain two waiting rooms, agents' office, express and baggage rooms. The second floor will contain division headquarters of the railroad, superintendent's office and offices for the clerks. Interior finish will be of pine and redwood, with a tile and ce-

ment floor in the waiting rooms and baggage office. There will be steam heat and a vacuum cleaning system. Exterior of the building will probably be faced with cement plaster. Roof will be of clay tile. Bid: will be called for shortly.

RESIDENCE—2 story and base, frame, \$2,000. Owner, Cal. Architect, none. Owner, W. W. Smith, 416 28th street, Sacramento. The dwelling will be erected on 28th street, and has been designed for a six-room house with bath and sleeping porch. Interior finish will be of pine and redwood. Oak floors will be used in the living and dining room. There will be a large open fire place and tile mantel in the living room. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SCHOOL—2 story and base, brick, \$50,000. Davis, Yolo Co., Cal. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owners, Regents of the University of California. The building will contain eight class rooms, an auditorium seating 500 people and teachers' rooms. Interior finish will be of pine and hardwood with maple floors. There will be steam heat, and a vacuum cleaning system. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be advertised for in the columns of this paper within a week or ten days.

Contracts Awarded.

SCHOOL—1 and 2 story, brick and concrete. Cost not stated. Orland Glenn Co., Cal. Architect, W. H. Weeks 75 Post street, S. F. Owners, Orland School District. Contractors, Graham & Jensen, 185 Stevenson street, S. F. Contract price not stated.

Building Contracts

SACRAMENTO COUNTY.

E ½ OF S ½ OF LOT 5, E. F. 16TH & 17th Sts., No. 1629 F St., Sacramento. Alter dwelling.

Owner.....J. L. Andreassen, Premises Architect...None.
Contractor..Ed. W. Book 2912 G St., Sacramento.

COST, \$300

E 8 FEET LOT 3 AND W 24 FEET LOT 1 Allen Tct., Sacramento. Erect dwlg. Owner.....Clark Realty Co., 924 6th St., Sacramento.

Architect...None.
Contractor..C. Valine, 2417 15th St., Sacramento.

COST, \$1500

W 32 FEET LOT 3, Allen Tct., Sacramento. Erect dwelling.
Owner.....Clark Realty Co., 924 6th St., Sacramento.

Architect...None.
Contractor..C. Valine, 2417 15th St., Sacramento.

COST, \$1500

E ½ OF W ½ AND W ½ OF E ½ OF Lot 3, O. P. 22nd and 23rd Sts., Sacramento. No. 1212 O St. Alter dwlg. Owner.....E. G. Young, 2210 O St., Sacramento.

Architect...None.
Contractor..G. E. Hook, 718 18th St., Sacramento.

COST, \$900

E 8 ACRES E OF East Lawn Cemetery, Sacramento. Alter dwelling.
Owner.....Clara F. L. Breuner.
Architect...None.

Contractor..William Schestedt, 702 Ashby Ave., Sacramento.

COST, \$500

E 20 FEET OF E 44 FT. LOT 7, J. K. 9th and 10th Sts., Sacramento.

Owner.....Gus. Lavenson, 539 K St., Sacramento.

Architect...None.
Contractor..G. E. Harvie 2212 F St., Sacramento

Filed Jan. 2, '14. Dated _____.

COST, \$2000

S ½ OF N ½ LOT 4, M. N. 22ND AND 23rd Sts., Sacramento. Addition to dwelling.

Owner.....Oliver P. Soule, 1306 23rd St., Sacramento.

Architect...None.

Contractor..C. Valine, 2417 15th St., Sacramento.

COST, \$1500

W 30 FT. LOT 7 and E 11 ½ ft. Lot 8, H. I. 13th and 14th Sts Sacramento.

Alter dwelling.
Owner.....Josie Sligot, 1309 I St., Sacramento.

Architect...None.

Contractor..Creighton & Spear, 714 E St., Sacramento.

COST, \$1000

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED **ACCEPTED**
Jan. 7, 1914—E 48 FEET LOT 2, M. N. 19th and 20th Sts., Sacramento.

Fred T Kitt to Siller Bros.....

.....Feb. 25, 1910

Jan. 5, 1914—LOTS 7 AND 8, V. W. 5th and 6th Sts., Sacramento.

McLaughlin Draying Co. to E W Book

.....Dec. 27, 1913

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Venice, Los Angeles Co., Cal. Architect, Arthur G. Lindley, Hollingsworth Bldg., L. A. Owner, C. L. Smart. The structure will be erected on Billows avenue, and has been designed to contain about 60 rooms, which will be arranged in two and three room suites, all with private bath and wall beds. Interior finish will be of pine and redwood with some oak floors. Plans provide for steam heat, vacuum cleaning system, and metal lath and plaster partitions. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble. Exterior of the building will be faced with pressed brick. Plans are being prepared.

BRIDGE—Reinforced concrete construction. Cost not stated. San Diego, Cal. Engineer, City Engineer W. M. Rumsey, San Diego. Owners, City of San Diego. Plans for a bridge over University avenue are now complete and have received the approval of the

City Council. Bids will be called for at once. The structure is to have a span of 66 feet with a 20-foot driveway and a 4-foot walk. There will be two retaining walls, also of reinforced concrete, each 30 feet high. Some ornamental iron will be used. Full particulars can be secured from the City Engineer.

APARTMENT HOUSE—3 story and base. Class C construction. Cost not stated. Los Angeles, Cal. Architect, Thomas Preston, Higgins Bldg., L. A. Owner, Mrs. Ellis. The building will be erected on West 20th street, near Magnolia avenue, covering an area of 49 by 64 feet. There will be a total of fifteen suites of two and three rooms. All apartments will have private baths and wall beds. Interior finish will be of pine with oak floors. Plans provide for steam heat, a hot water system and metal window sash and frames. Bath rooms will be finished in tile. Exterior of the building will be faced with blue pressed brick. Plans are being prepared.

APARTMENT—1 story and base, frame, \$4,000. Pasadena, Los Angeles Co., Cal. Architects, Buchanan & Brockway, Pasadena. Owner, Mrs. S. A. Menning. The building has been designed for a bungalow apartment, the exterior being covered with shakes and timber. Interior finish will be of pine and redwood with some oak floors. An asbestos roof will be used. Plans include modern plumbing heating and electric work. Plans are complete and figures were opened on January 10th.

BANK—2 story and base. Class A construction, \$25,000. Redondo Beach Los Angeles Co., Cal. Architect, L. B. Pemberton, Auditorium Bldg., L. A. Owners, Farmers and Merchants National Bank of Redondo Beach. Construction will be of the reinforced concrete type with reinforced concrete floors and walls. Interior partitions will be of metal lath and plaster. The entire first floor will be occupied by the bank, and will be finished in hardwood, marble, tile and ornamental plaster. Upper floor will be subdivided into ten modern offices finished in birch. Plans provide for steam heat, a vacuum cleaning system and metal window sash and frames. There will be safe deposit vaults and coin vaults. Exterior of the building will be faced with terra cotta brick. Plans have been revised and new figures are now being taken.

HOTEL—3 story and base. Class C construction, \$15,000. Los Angeles, Cal. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owner, Mrs. Squibbs. The building will be erected on Wilde street near Central avenue, and will cover an area of 110 by 125 feet. Plans show a total of 132 guest rooms, a number of private and public baths. Many of the baths will be equipped with showers. There will be steam heat and a hot water system. Interior finish will be of pine and hardwoods. Bath rooms will have composition floors and tile wainscot. Metal window sash and frames are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken.

GARDENS AND CASINO—1 story, reinforced concrete, \$10,000. Los Angeles, Cal. Architect, Howard W. Wood, 1745 McCadden Place, L. A.

Owner, W. F. Markham. Plans are now being prepared for formal gardens and an Italian casino at the home place of Mr. Markham on Vine street. The work will include reinforced concrete and granite, a beautiful marble fountain and other marble and tile work. A tile roof will be used. One of the features of the plan is a large pergola. Plans include plumbing and electric work. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

RESIDENCE ALTERATIONS—2 story and base, frame. Cost not stated. Los Angeles, Cal. Architect, Howard W. Wood, 1745 McCadden Place, L. A. Owner, H. W. Wood. The twelve-room dwelling at 1745 McCadden Place will be altered. Included in this work will be new interior partitions, plumbing, plastering, painting, electric work and heating. Interior finish will be of oak. There will be steam heat with an oil burning furnace. Exterior of the building will also undergo alterations which have been worked out in the Mission style. Plans are complete and bids will be opened for the work on January 30th.

RESIDENCE—2 story and base, frame, \$10,000. Los Angeles, Architect, Howard W. Wood, 1745 McCadden Place, L. A. Owner, W. S. Hunkins. The house has been designed for a ten-room dwelling with baths and sleeping porches. Interior finish will be largely of oak and mahogany with hardwood floors throughout. There will be furnace heat and open fire places. Mantels will be of tile. The wainscot and floors will be used in the bath rooms. An automatic water heater will be installed. Roof will be covered with cement shingles. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work is being done by Day Labor under the personal supervision of the architect.

ORPHANAGE—2, 2 and 3 story, reinforced concrete buildings. Cost not stated. Los Angeles, Cal. Architect, I. H. Seehorn, 328 Clay street, L. A. Owners, Sisters of the Sacred Heart. These two buildings will be erected on the property of the order at the corner of Hill and Sunset Boulevard. The two-story structure will be 50 by 98 feet, and will be arranged for class rooms on the first floor and dormitories on the second floor. The three-story building will cover an area of 60 by 160 feet, and will contain dining rooms, kitchen, store rooms, boiler room and toilets on the first floor; chapel, play rooms, sewing room and class rooms on the second floor, while the third floor will be arranged for dormitories. Interior finish of both buildings will be of pine and hardwood. Partitions will be of hollow tile. Plans provide for steam heat and an oil burning plant. Marble and tile will be used in the bath rooms. Exteriors will be faced with pressed brick. Plans are being prepared. Further mention will be made of this work when plans are ready for figures.

LOFTS—4 story and base, Class C construction. Cost not stated. Los Angeles, Cal. Architect, Fred R. Dorn, Marsh-Strong Bldg., L. A. Owners, Frank E. Strong and H. H. Cottin. The building will be erected on Spring street between 6th and 7th streets, and will have a frontage of 30 feet by a depth of 120 feet. The first floor will

be arranged for stores. Upper floors will contain light lofts. Interior finish will be of pine. There will be steam heat, elevator service, vacuum cleaning plant and automatic sprinklers. Metal window sash and frames and metal lath and plaster partitions are specified. Stores will have patent fronts and marble base. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

OFFICES—12 story and base, Class A construction. Cost not stated. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Van Noy Bldg., L. A. Owner, Abram Haas. The building will be erected at the northeast corner of 7th and Broadway, covering an area of 53 1/2 feet by 150 feet. Construction will be of the Class A type throughout, with a complete steel frame, concrete floors and walls, faced with terra cotta. Interior finish will be of mahogany and metal. Plans provide for a total of 225 offices on the upper floors and a number of stores on the ground floor. Interior partitions will be of hollow tile and metal lath and plaster. There will be one freight elevator and three passenger elevators. Marble and tile will be used extensively. There will be steam heat, vacuum cleaning plant and mail chutes. Metal window sash and frames and patent store fronts are specified. Working drawings are nearly complete and figures will be called for shortly.

OFFICES—12 story and base, Class A construction. Cost not stated. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Van Noy Bldg., L. A. Owner, William G. Kerckhoff. The building will be erected at the northwest corner of Sixth and Los Angeles streets, covering an area of 121 by 150 feet. The building will have a complete steel frame, reinforced concrete floors and walls. There will be a number of stores on the first floor and in the neighborhood of 500 offices on the upper floors. Interior finish will be of hardwood and metal. Hollow tile and metal lath and plaster interior partitions will be used. Plans provide for steam heat, elevators, mail chutes, vacuum cleaning system and metal window sash and frames. Marble and tile will be used in the corridors. There will be sidewalk doors, lifts and lights and patent store fronts. Exterior of the building will be faced with glazed brick and terra cotta. Plans are now being prepared.

APARTMENT HOUSE—2 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Louis de P. Millar, St. Louis Bldg., L. A. Owner's name withheld. The building will be erected on Fair Oaks avenue, covering an area of 30 by 178 feet. There will be seven stores and a garage on the ground floor. The second floor will contain two three-room apartments and twenty single rooms. Eight baths will be installed. Interior finish will be of pine and oak. Cement and pine floors will be used. There will be four disappearing beds. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SCHOOL—1 story and base, brick \$20,000. El Centro, Imperial Co., Cal. Architect, Fred T. Harris, Holt Bldg., El Centro. Owners, El Centro School District. The building has been de-

signed to contain eight standard sized class rooms, principal's office and a library. Interior finish will be of pine with maple floors in the class rooms. Plans provide for a modern system of ventilation and metal ceilings. Slate blackboards will be used. Modern plumbing and electric work will be installed. There will be vacuum cleaning and program clocks. Exterior of the building will be faced with pressed brick. Plans are complete and have received the approval of the school trustees and figures will be called for shortly.

Contracts Awarded.

FACTORY—2, 2 story and base, brick and concrete buildings, \$130,000. Nehall, Los Angeles Co., Cal. Architect, none. Owners, Dryden Mfg. Co., Nehall. Contractors, Frank Graves & Son, Stimson Bldg., L. A. Contract price, \$130,000.

HOTEL—4 story and base, brick and steel, \$76,000. Long Beach, Los Angeles Co., Cal. Architect, Charles Gordon, Los Angeles Investment Bldg., L. A. Owner, Verne H. Carter, Contractors, The Dutro-Wren Construction Co., 1st and Locust streets, Long Beach. Contract price, \$76,000.

OFFICES—3 story and base, Class C, \$37,418. Los Angeles, Cal. Architect, Myron Hunt, Union Oil Bldg., L. A. Owners, Standard Oil Co. Contractors, Earl F. Low & Co., Byrne Bldg., L. A. general construction, not including heating, elevator, vacuum cleaning, finish hardware lighting fixtures and vault doors. Contract price, \$37,418.

STORE—1 story and base, brick, \$1,000. Los Angeles, Cal. Architects, Krempel & Erkes, Henn Bldg., L. A. Owner, J. Glinz. Contractor, George E. Talbert, 221 East Avenue 28, L. A. Contract price, \$1,000.

THEATRE—1 story and base, concrete and frame, \$15,000. Highland Park, Los Angeles Co., Cal. Architect, A. L. Valk, Stimson Bldg., L. A. Owner, Mr. Gore. Contractor, Heshman, Story Bldg., L. A. Contract price, \$15,000.

DOCK SHEET—Structural steel, \$83,967. Los Angeles Harbor, Los Angeles Co., Cal. Engineer, City Engineer, Los Angeles. Owners, City of Los Angeles Contractors, The Llewellyn Iron Works, L. A. Contract price, \$83,967. Other figures received were as follows: Union Iron Works, \$88,745; Willis B. Kyle, \$88,900; Security Construction Co., \$91,845; Peter Conley Manufacturing Co., \$110,000.

INFIRMARY DORMITORY—2 story and base, brick, \$15,000. Los Angeles, Cal. Architect, Elmore R. Jeffery, Citizens National Bank Bldg., L. A. Owners, Los Angeles County. Contractor, John L. Conner, 429 West 33rd street, L. A. all work except steam heat. Contract price, \$15,000.

STORES AND DANCE HALL—2 story and base brick, \$20,000. Los Angeles, Cal. Architect, A. Lawrence Valk, Stimson Bldg., L. A. Owner, Henry Lamb Contractor, A. E. Harshman, Black Bldg., L. A. Contract price, \$20,000.

PORTLAND AND OREGON.

BRIDGE—Reinforced concrete, \$35,000. Garry Beach, Ore. Engineer, none. Owners, Curry County. Bids will be received by the County Clerk for the construction and designing of a rein-

forced concrete arched span bridge, which is to be erected over the Chetco River about one mile from its mouth. The design and manner of its construction is left to the bidder. More than one plan for the design may be submitted if desired. Further particulars can be secured by addressing J. M. Caughell, County Surveyor, Gold Beach.

CITY HALL—2 story and base, reinforced concrete, \$20,000. Seaside, Ore. Architect, F. Manson White, Seaside. Owners, City of Seaside. The building has been designed in the classic style, and will house the city officials and fire department. Interior finish will be of pine and hardwood. Cement floors and metal window sash and frames are specified. There will be a central heating system, probably steam. Fireproof vaults will be called for. Special fire equipment will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be opened about February 1st. Further mention will be made of the work.

HOTEL ADDITIONS AND ALTERATIONS—Brick and concrete construction, \$15,000. Pendleton, Ore. Architects, Tourtellotte & Hummel, Rothschild Bldg., Portland. Owners, Hotel Pendleton Co. The present three-story building will be entirely rearranged and two additional stories will be constructed. Complete the hotel will contain over 90 rooms, 50 percent of which will have private baths. First floor will contain the general lobby, office, dining room and kitchen. Interior finish will be of pine and hardwood. There will be a steam heat, elevator service and a vacuum cleaning system. Exterior will be faced with pressed brick. Plans are nearly complete and figures will be called for within a week or ten days.

STORES AND OFFICES—2 story and base, reinforced concrete, \$25,000. Seaside, Ore. Architect, F. Manson White, Seaside. Owner, Alex. Gilbert. The building will cover a considerable ground area, and will contain stores on the first floor and a number of modern offices on the second floor. Interior will be finished in pine and hardwood. Interior partitions will be of hollow tile and metal lath and plaster. There will be steam heat, a hot water supply and metal window sash and frames. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be opened about February 1st.

Contracts Awarded.

JETTY WORK—Stone and concrete, \$429,000. Tillamook, Ore. Engineer, United States Engineer Major Jay J. Morrow. Owners, United States Government Contractors, Gleibisch & Joplin, Portland. Contract price not stated.

SEATTLE AND WASHINGTON.

NORMAL SCHOOL GROUP—1 and 2 story, concrete and brick buildings. Cost not stated. Cheney, Wash. Architect's name not given. Owners, State of Washington. The Bartlett-Roth Construction Co. of Portland, which secured the contract for the construction of the new Normal school group at Cheney on their bid of \$266,

000, have rescinded their contract and have had their certified check returned. The work will be readvertised for figures under slightly revised plans and specifications. This work is now being done and bids will be called for shortly. No opening date has yet been set. Further announcement will be made in these columns.

STORES AND OFFICES—3 story and base, reinforced concrete, \$30,000. St. Helen, Wash. Architect, C. A. Houghtaling, Henry Bldg., Portland. Owner, E. R. Anderson. The building will cover an area of 80 by 140 feet. The first floor will contain stores and a commercial garage. Upper floor will be arranged for modern offices. Interior finish will be of pine and hardwood. There will be a cement floor, metal window sash and frames and special gasoline storage tanks. Exterior of the building will be faced with cement plaster. Plans are being prepared.

Contracts Awarded.

ROADBED CONSTRUCTION—\$250,000. Tacoma, Wash. Engineer, Engineering Department Pacific and Eastern R. R. Tacoma. Owners, Pacific and Eastern Railroad. Contractor, Hans Peterson, Madison Block, Seattle. Contract price, \$250,000. Note: This contract includes the construction of 13 miles of road bed.

MASTER PLASTERERS APPEAL TO MAYOR ROLPH TO SETTLE STRIKE.

At the regular meeting of the Master Plasterers' Association held Tuesday afternoon at the Builders' Exchange, the tie up of work in the city as a result of the dispute between the journeymen plasterers and carpenters was considered and the following resolutions adopted:

San Francisco, Cal., Jan. 6th, 1914.
To Honorable James Rolph Jr., Mayor of the City and County of San Francisco, California:

WHEREAS, the dispute between the journeymen plasterers and the journeymen carpenters in the matter of the erection of exterior staff work on the Exposition buildings has spread throughout the entire city and has therefore become so acute that the business interests of all the people are being seriously injured, and

WHEREAS, According to the records of the recent convention of the Building Trades Department of the American Federation of Labor held in Seattle on November 28th, 1913, the whole question has been settled by making permanent the temporary agreement under which the two crafts had been working pending the regular convention of the A. F. of L., the provisions of which temporary agreement were that each craft should furnish half of the men on said exterior staff work, and

WHEREAS, P. H. McCarthy, representing the interests of the carpenters, appeared as a delegate at said convention and attempted to have all of the erection of this exterior staff work awarded to the carpenters, and

WHEREAS, After a thorough discussion of the subject, during which discussion the said P. H. McCarthy was fully heard in his attempt to convince the delegates from the other crafts that his contention was just, a decisive res-

olution was adopted by the Building Trades Department of the A. F. of L. by the substantial vote of 31 in the affirmative to 20 in the negative as follows: "Be it resolved, that the agreement existing between the Operative Plasterers and the Brotherhood of Carpenters in relation to the erection of exterior staff on the Panama-Pacific Exposition, which is now in contention, be extended during the life of said operation," and

WHEREAS, It being plain that the dispute had been settled by the highest authority in labor circles under the American method of the majority rule and should under the terms of the Constitution of the A. F. of L. be observed by all parties concerned, therefore

BE IT RESOLVED, That the Master Plasterers' Association, in regular session assembled at the Builders' Exchange this Sixth day of January, 1914, respectfully appeal to His Honor, Mayor James Rolph, Jr., and urge him to take a hand in this unfair dispute and use his influence to induce P. H. McCarthy, and all the interests allied with him, to abide by the decision of the A. F. of L. and thereby release the embargo that is unnecessarily crippling the business interests of San Francisco.

Respectfully submitted,

A. LEAF,
J. J. CONNOLLY,
PETER BRADLEY,
Committee.

ARIZONA METAL MINE PRODUCTION

Record Output in 1913. Increases in Gold, Silver, Copper, Lead and Zinc.

In 1913 there was a record mine production of gold, silver, copper, lead, and zinc in Arizona, according to preliminary figures of V. C. Helges, of the United States Geological Survey. The total value of the mine output was about \$71,000,000, an increase of nearly 6 per cent over the value of 1912, which was \$67,050,784. The copper output was valued at nearly \$64,000,000; the gold at about \$3,948,000; the silver at more than \$2,263,000; the lead at \$612,000; and the zinc at \$510,000.

The mine yield of gold in Arizona in 1913 was more than 191,000 ounces, an increase of 5 per cent over the output of 1912, which was 81,996.91 fine ounces. Of this total, over 42 per cent was taken from siliceous ores and most of the remainder came from copper ores, which are undoubtedly the source of the increased gold output in 1913. The three largest producing gold mines were the Tom Reed, Gold Roads, and Vulture. The Tom Reed output was about the same as in 1912, the Gold Roads had a slight increase, and the Vulture a substantial increase. In Yuma County operations were resumed at the La Fortuna mine.

The mine production of silver increased about 8 per cent, amounting to more than 3,773,000 ounces, against 3,490,387 ounces in 1912. Most of the 490,387 ounces in 1912, most of the silver was derived from copper ore, but in 1913 the increase is due largely to shipments of lead ore and concentrates from Cochise and Mohave counties. Much silver also comes from siliceous ore. About 500 tons of ore per month was shipped from the Tombstone property and a large tonnage of old tailings was taken from

the Commonwealth dump. A 350-ton cyanide mill at this property was completed during the year.

With a mine production of about 114,533,000 pounds of copper in 1913, Arizona led all other copper-producing States. The output in 1913 shows an increase of more than 49,000,000 pounds, or about 12 per cent over that of 1912, which was 365,038,649 pounds. As the price of copper was slightly lower in 1913, the value of the metal increased only about \$2,500,000. There were 11 active copper smelting plants in the State, and ore and concentrate were also sent to 6 copper and lead plants in other States. Of the former the greatest increases in output were made at the Hayden, Calumet & Arizona, Copper Queen, Old Dominion, Consolidated Arizona, and Swansea plants. At the United Verde and Detroit plants there was little change from the figures of 1912. Those making less copper were the Shannon, Arizona Copper, and Pioneer plants. New plants were completed by the Arizona Copper and Calumet & Arizona companies, and another was in course of construction for United Verde ores. The disseminated copper mines in Gila, Pinal, and Greenlee counties yielded approximately 145,500,000 pounds of copper. Included in this estimate of copper produced are the outputs of the Miami, Ray, Arizona Copper, and Detroit mines. The Miami product did not greatly exceed that of 1912. The 3,000-ton concentration plant was active and the product went mostly to Cananea, Mexico. The International Smelting & Refining Co. will build a copper plant at Miami to treat this ore and that from the Inspiration mine. Test plants using the flotation process were operated at the Miami and Inspiration, as the saving by concentration alone is not sufficient. The Ray Consolidated Copper Co. greatly increased its output, from nearly 36,000,000 pounds of copper in 1912 to about 52,000,000 pounds in 1913, treating 6000 tons of ore per day. Production from Yuma and Pima counties was not what it could have been, since the Swansea and Pioneer plants were operated only a few months. At Globe greatly increased shipments were made from the Superior & Boston, Iron Cap, and Black Warrior mines, and in Pinal County from the Magma mine.

With an increase of more than 104 per cent, the mine production of lead was larger than in any other year. The total output was nearly 14,000,000 pounds, valued at about \$612,000, as against 6,806,443 pounds, valued at \$306,290 in 1912. The mines at Bisbee produced much lead ore, and in 1913 there was a large increase. The Shattuck mine became a regular producer of silver-lead ore as well as copper ore. In Mohave County an increased tonnage was shipped regularly from the Tennessee mine to the concentration plant at Needles, California.

The mine production of recoverable spelter was about 3,100,000 pounds, valued at \$510,000, which was an increase of about 340,000 pounds, or nearly 1 per cent, over the production of 1912. On account of the lower price paid for the metal, the total value decreased more than \$30,000. The Goldconda mine, in Mohave County, formerly the largest producer, was making shipments of zinc ore and concentrates only part of the year, and there-

fore had a greatly decreased output. Much ore was, however, shipped from the San Xavier mine in Pima County and much concentrate was made from Mohave County ores milled at Needles.

ELECTRIC RAILWAY BUILT IN 1913.

The new track built and placed in service during 1913 by city systems, interurban lines and electrified steam railroads is tabulated in the accompanying list. The statistics were compiled from reports received from the railway companies themselves, and the record is complete except in the case of a few of the smaller properties whose replies were not received in time for inclusion in the list. All items which appear are, of course, accurate, and the omitted mileage, if it exists, is negligible, the reports being checked from the items appearing during the year in the construction news columns of the Electric Railway Journal.

The following summary shows the electric railway mileage built or put into operation each year since 1907 in the United States and Canada:

1907	.....3580 miles
1908	.....1258.5 miles
1909	.....587.1 miles
1910	.....1397.2 miles
1911	.....1919.5 miles
1912	.....596.2 miles
1913	.....1071.9 miles

Texas heads the list of states with 117.77 miles reported. This total includes the longest interurban railway built in the United States during 1913, namely, the Southern Traction Company, which built 154 miles of track connecting Waco, Dallas and Corsicana, Texas.

Missouri is second with 74.52 miles of track constructed. The largest part of this mileage is represented by the Kansas City, Clay County and St. Joseph Railway.

Pennsylvania, with 55.79 miles, is third, of which the Philadelphia Rapid Transit Company built 21.58 miles. The Hershey Traction Company completed a ten-mile line.

In Minnesota, which has a total of 54.12 miles, the Electric Short Line Railway and the Minneapolis, St. Paul, Rochester and Dubuque Electric Traction Company built twenty-five and eighteen miles of track, respectively. Two long extensions were built in Iowa. In Massachusetts the majority of new track is credited to the Berkshire Street Railway. The electric railways of Canada built 147.86 miles of track, compared with 78.37, or an increase of 47 per cent over the previous year.—Electric Railway Journal.

SACRAMENTO VALLEY DEVELOPMENT PLANS.

According to the programme mapped out for the years of 1914 and 1915, the Sacramento Valley Development Association, under the management of Edward H. Brown, will pursue the work of promoting the interests of the district, it represents with unusually keen activity.

The association proposes to assist all City or County Chambers of Commerce within its district; to encourage participation in state and county fairs and

land shows and in new enterprises of a meritorious nature and to discourage projects found wanting in merit. Interesting tourists in the Sacramento valley territory is to be one of the chief aims of the Development Association, which is planning a number of excursions through the valley for 1915 Exposition visitors.

CITY AWARDS CONTRACTS ON MUNICIPAL ROADWORKS.

Awards have been made by the Board of Public Works for track special for the Municipal Railroad extension as follows: Track special work to the United States Steel Products; air brake equipment to the Westinghouse Air Brake Co., \$210 per car; steel tie rods to Payne's Bolt Works, \$49.50 per ton; car trucks to the Baldwin Locomotive Works, \$580 per truck; car bodies to the Jewett Car Co., \$2,500 per body, plate and rail braces to Eccles & Smith Co.; rail spikes to the United States Steel Products Co., \$3.00 per 200 pounds; redwood ties to Casper Lumber Co., \$58 per hundred and motor equipment to Westinghouse Electric Mfg. Co., \$2,176 each.

Proposals.

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received by the City of Kingsburg, Fresno County, California, until 8 o'clock P. M., Monday, January 20th, 1914, for furnishing the material required to construct a SANITARY SEWER SYSTEM in and for said City of Kingsburg.

Proposals must be submitted on special Bidding Schedules and be enclosed in special Bidding Envelopes obtained from the City Clerk.

Each proposal must be accompanied by a certified check on a reliable bank, or by a Bidder's Bond, with satisfactory surety, for a sum equal to ten (10) per cent of the total amount of the bid.

Bids will be received on three different schedules, to wit:

Schedule "A." The work as a whole, Schedule "B." Any or all of the required material, f. o. b. Kingsburg.

Schedule "C." Any or all of the constructing work.

NOTE.—EACH SCHEDULE REPRESENTS AN INDIVIDUAL BID AND MUST BE SUBMITTED IN ITS RESPECTIVE ENVELOPE.

The Plans, Specifications and other documents relating to the work may be seen and examined, without charge, at the office of the City Clerk in Kingsburg, or copies of same may be obtained by prospective bidders for personal use, upon the payment of Six Dollars and Eighty Cents, (\$6.80).

Bidding Schedules and Envelopes will be furnished free of cost to all prospective bidders upon request, provided that the request is accompanied by a statement that the Plans and Specifications, and all documents attached thereto, have been examined and are thoroughly understood by the prospective bidder.

The Board of Trustees of the City of Kingsburg reserves the right to reject any or all bids and to waive any irregularities in any or all bids.

THE WORK WILL CONSIST OF FURNISHING AND PLACING APPROXIMATELY:

- 310 ft. of 12 inch Pipe.
 - 14-12 inch by 6 inch Wye Branches.
 - 4800 ft. of 10 inch Pipe.
 - 980-10 inch by 8 inch Wye Branches.
 - 8720 ft. of 8 inch Pipe.
 - 247-8 inch by 6 inch Wye Branches.
 - 14270 ft. of 6 inch Pipe.
 - 105-6 inch by 5 inch Wye Branches.
 - 20 Automatic Flush Tanks.
 - 35 Manholes.
 - 14 Lampholes.
 - 1000 ft. of 12 inch Trunk.
 - 2400 ft. of Outfall Pressure Pipe.
- Dated at Kingsburg, Cal. Jan. 12, 1914.
H. E. VERHLE,
City Clerk. (4)

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The Peerless Combination Ironing Board and Kitchenette Table combines the ironing board with a disappearing table in the most compact, inexpensive and convenient form. Invaluable for the small kitchen.

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Kenuff & Esser Co.

Railroad Journals
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gineer.

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dustrial News.
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Building Materials
Algetinger, E.
Alsen's Portland
Cement Co.

Baker & Hamil-
ton
Bay Develop. Co.
Berger Mfg. Co.

Bird & Son, F. W.
Cal. Lidge Mate-
rial Co.

Cal. Pottery Co.,
City Supply Co.,
Cat Line & Hy-

drate Co.
Carnegie Brick &
Pottery Co.

Gomyn, Mockett
and Company.
Cow H Line and
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Diamond Brick Co.
Dwan Co., J. E.
Fall, Mfg. Co.

Fuller & Co., W. P.
Gladding - Mc-
Near Co.

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Guerrin & Co., J. S.
Holloway, E. P.

Holmes, Surety Co.
Holladay, J. P.
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Lennon Co., J. E.

Lilly & Thurston
Meyer, Adolf
Pacific Coast Ce-

ment Co.
Paraffine Paint Co.
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Rue, George
S. F. Lime Co.

Shannon, M. T.
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ball Co.

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Stelger Terra Cot-
to & Pottery Wks
Stoll & O. W.

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The Co.
Waterhouse &

Price Co.
Western Asbestos
Magnesia Co.
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Supply Co.
Western Develop-
ment Syndicate.
Western Lime &
Cement Co.
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Co.
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dard

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nell Co.

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lation
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ing
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son

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ment.

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Sherman, Kimball
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Holland, J. P.
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Whitler & Jamel-
son

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Whitler - Coburn
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Equipment.
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Co.
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tric Co.

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heim Elec. Co.
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Higgins Lumber
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MacDonald Lum-
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ber Co.
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son
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Mangrum & Otter
Pine-rose Agencies
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Mission Concrete
& Marble
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Musto Sons-Kea-
nan
New Era Marble
& Concrete Co.
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Co.

Metal Lath.
Atlantic Fire-
proofing Co.
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Lilly & Thurston
Co.
Roebing's Sons
& Co., John A.
Waterhouse &
Price
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ing & Corr. Co.
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Hatch, J. U.
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Clark & Dickson
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Donovan, V. J.
Erickson, W. H.
Hansen, Elbing A.
Lewis, J. S.
Miller, L.
Miller, J. A.
McConnell, James
Manning, John
Neal, L. J.
Quandt & Son
Rumma, I.
Salisbury, Ben.
Schaffer, Wm.
Simon Neilson Co.
Smith, J. H.
Soviz, C. B.
Spark & Sons
Swanson,
Walker, Peter
Wagner, Fred
Woods & Huddart
Zelinsky, R.

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Cohn & Co., Mar-
ion D.
Finn, D. S.
O'Brien, J. W. P.
Paraffine Paint Co.
Pratt & Lambert
Wittler - Coburn Co.
Patent Chimneys.
Clawson Co., L.
Dresser & Don-
Hughes, H. J.
Dunley & Gertt.

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Lambuth, C. E.
Planing Mills.
Anderson Bros.
Atlas Planing
Co.
Rirth Co., L. H.
Builders' Supply
Dept.

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Cal. Planing Mill
Emanuel, L. & E.
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Mill
Hermann, A.
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Hollen - Despreux
Co.
Lorden Mill Co.

Main St. Planing
Moore Mill & Lum-
ber Co.
Pioneer Planing
Mill
Reinhart Lumber
Co.
Ryan, George
San Mateo Plan-
ing Mill
Santa Clara Val-
ley Mill & Lum-
ber Co.
Summer St. Plan-
ing Mill
Taylor & Co.
Hosna Mfg. Co.
Hosna Planing
Co.
Veble & Collins
Vater, Wm. F.

Plasterers.
Bosch, Herman
Reinhart, A. O.
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Burt, Chas. J.
Campbell, Chas.
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Chalmers, H. A.
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Jacobson, N.
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Leal & Kaiser
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MacGruer & Co.
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Owens, J. A.
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The Perine Plas-
tering Co.
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**Plumbing and Gas
Fitting.**
Ahlbach & Mayer
Alton, Thom. W.
Bosch, Herman
Bernard, Geo. F.
Condon & Band
Lund, Neil H.
Empire Plumbing
Co.
Goss, Wm. P.
Grondona, A.
Houston, J. J.
Kara, F. E.
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Lacey Bros.
Lauder, H. I.
Lawrence, Herman
Lettich Bros.
Levy Plumbing
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Penkerton, J. H.
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Cantley & Co., J.
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ing
Fibresope &
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terial Co.
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Dawson & Noyes
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American Bonding Co.
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Empire State Surety Co.
Fidelity & Deposit Co. of Maryland
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Lloyd & Spangler
McMeans, H. V.
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Pacific Coast Casualty Co.
Pacific Surety Co.
United States Metal Products Co.
United States Fidelity and Guaranty Co.
Brick and Pottery.
Bay Development Co.
Carey, J. E.
Carnegie Brick & Pottery Co.
Carquinez Brick & Pottery Co.

Concrete.
Chase, Silas A.
Camp & Carillon.
Duncanson, Harrelson Co.
Foxler & Vogt.
Goodman Artificial Stone Co.
Hann, C. C. W.
Keatinge & Sons, R.
Leonard, J. J.
Leonard, J. J.
Lynch, A.
Masquetti, J.
Stannquist & Taylor.
Stannquist & Taylor.
Zimmerman, L. M.
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Allen, J. M.
Anderson, W. W.
Arthur, L. C.
Bateman, J. C.
Boring, F. H.
Born & Son, S. A.
Brady, C. A.
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Burdick, Ym. A.
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Cameron & Dissott.
Cavanaugh & Vezina.
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Clark, J. W.
Concannon, W. N.
Conrad, H.
Creggino & Son, Lewis.
Days' Sons, T. H.
Dewar, R. & Son.
Elliott, E. W.
Faby, R.
Fischer, Fred.
Frost, T. P.
Gillespie, G. G.
Gallagher, Frank.
Gardner, Florent.
Greig, Robt.
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Hart, J. J. Tibbitts
Hinson, L. A.
Hill, J. A.
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Howkins, A.
Hout Bros.
Ingerson, C. A.
Jacks, H. C.
Jones, W. G.
Kent, S. H.

Knowles & Relchley.
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Latter, E. T. & Sons.
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Miller, Adam.
Moller, R. W.
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Penny, Isaac.
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Simmen, John.
Smith, J. W. & Son
Spence, A. J.
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Warwick, H. C.
Weller, Thos.
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Gulfoff Cornice Works.
Appmann Cornice Works.
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Wilkie Co., A.
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Wright, Chas.
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 O'Rourke, T. F.
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 Watson, Sidney
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 Vermont Marble Co.

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 Leaf & Kaiber
 Lyden & Bickel
 MacGruer & Co.
 Menzie, Alex
 McCleod, J. C.
 Morehouse, C. C.
 McKane & Co. C.T.
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 ler.
 Smith & Johnson
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 Lucas, W. E.

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 Fitting.
 Ahlbach & Mayer
 Bernard, G. F.
 Burnham Plumb-
 ing Co., Inc.
 Daiziel, R., Jr., Co
 Gilley-Schmidt Co.
 Levy, M.
 Looney, J., Co.
 (Inc.)
 Snook & Co.
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 Sutton, John G. Co
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 Cross & Co.
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 Blume Contract-
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 Magnesia Asbes-
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 Samuel Co., H. D.
 Western Asbestos
 Mfg. Co.
 Watson Roofing
 Co.

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 Holland, J. P.
 Keystone Sand Co
Sanitary Flooring.
 Stone, E. B. & A.
 L., Co.
 Fibrestone Roof-
 ing Co.

Sidewalk Lights.
 Jackson, P. H. & Co
 McGuigan, John

Stair Builders.
 Bishop, Wm. T.
 Stewart, J. K.

Roof Repairing & Paint.
 Street Work.
 Fay, S. J.

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 Lilley & Thurston
 Co.

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 De Lane & Sons,
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 Hinchard, W. W.
 Hunt, Andrew T.
 McGillivray Store
 Co.
 Raymond Granite
 Co.

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 Bradbury, Thos.
 Keystone Sand Co.
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 Co.

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 Eureka Teaming
 Co.
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 McClure, H. N.
 Monarch Teamir
 Co.
 McLeneghan, S. I.

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 Clark & Sons, N.
 Gladding, McBean
 & Co.
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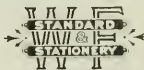
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Fourteenth Year, No. 3.

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== THIS WEEK'S ILLUSTRATIONS: ==

Two New School Buildings Designed By
Architect Henry C. Smith, Humboldt Bank
Building, San Francisco. The Fairfield
School and the Patterson School.

WEDNESDAY, JANUARY 21, 1914.

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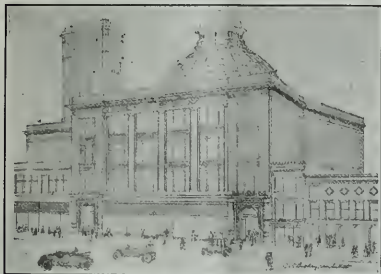
South and east cement walls waterproofed with Imperial Water Proofing. Color effect produced with Imperial Concrete Finish to match stone work of street fronts.

METCALF HOTEL, Geary nr Taylor.
Righetti & Headman, Architects.

Interior walls dampproofed with Imperial Damp Proofing. Exterior walls waterproofed with Imperial Water Proofing. Color effects with Imperial Pigments.

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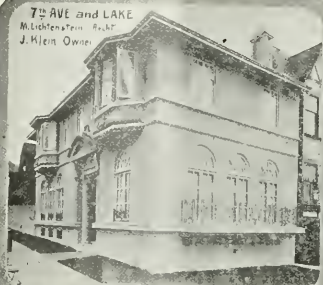
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Frederick H. Meyer, Architect

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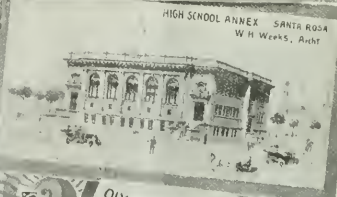
FRED. SOHR Res.
Duboce Ave and Buena Vista Ave



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HIGH SCHOOL ANNEX SANTA ROSA
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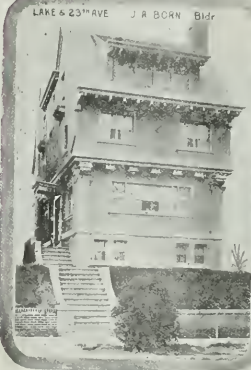
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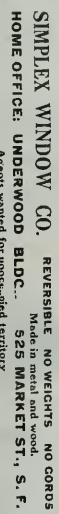
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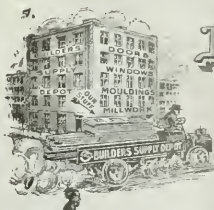
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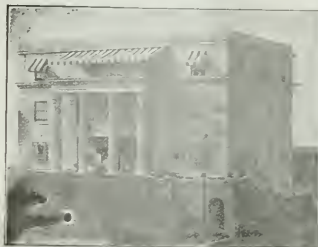


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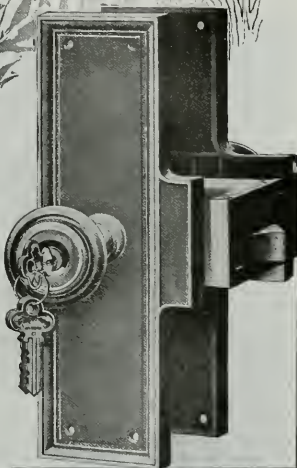
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Fourteenth Year No. 3

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Editorial Comment.

Building statistics for the month of December, 1913, showed a decline as compared with the same month last year. This was not such a material decline as could be expected under the conditions of business generally. For out of 83 cities, reporting to Construction News, New York, the total loss as compared to last year amounted to only 10 per cent. One fact is noticeable in the tabulation of figures and that is that the small cities have gone ahead much faster than the larger centers. Perhaps the high cost of living has given the farmer a better price for his products and thus the smaller communities have benefited in the productive districts. Comparative figures are shown below:

Cities	1912 Estimated Cost	1913 Estimated Cost
New York (Boros Man. & Bronx).....	\$15,916,468	\$16,159,032
Chicago.....	5,934,500	4,937,900
Boston & vicinity.....	4,521,000	6,620,000
Brooklyn.....	3,295,375	2,648,026
Los Angeles, Cal.....	2,156,951	2,270,680
Cleveland.....	2,071,180	2,517,430
San Francisco.....	2,106,275	2,534,068
Detroit.....	1,904,335	1,405,815
Charlotte, N. C.....	1,473,000	997,568
Minneapolis.....	1,148,645	2,963,330
Philadelphia.....	1,445,435	2,588,890
Buffalo.....	1,284,000	359,000
Cedar Rapids, Ia.....	1,057,600	334,000
Stockton.....	946,273	1,129,170
Pittsburgh.....	917,355	514,800
St. Louis.....	770,233	1,608,373
Rochester.....	725,185	549,602
St. Paul.....	705,184	312,790
Indianapolis.....	701,369	527,105
Portland, Ore.....	640,565	712,110
Milwaukee.....	617,428	610,573
Seattle.....	549,725	968,350
Kansas City, Mo.....	472,695	876,060
Springfield, Mass.....	459,678	245,215
Columbus.....	432,550	157,423
Baltimore.....	419,051	591,805
San Diego.....	403,600	3,000,000
Cincinnati.....	376,390	332,295
Worcester, Mass.....	347,655	225,537
Pasadena.....	324,566	108,315
Albany.....	304,115	254,085
New Bedford.....	277,000	114,700
Norfolk.....	218,924	89,731
Hartford, Conn.....	250,995	226,450
Berkeley.....	233,250	140,450
Atlanta.....	216,001	918,490
New Orleans.....	202,133	123,111
Toledo.....	199,320	230,123
Richmond, Va.....	170,954	359,585
Paterson.....	152,125	223,402
Syracuse.....	150,988	144,675
Grand Rapids.....	150,605	124,505
Omaha.....	149,475	168,650
Elizabeth.....	140,816	190,721
Salt Lake City.....	137,875	2,110,425
Utica, N. Y.....	138,900	71,305

Louisville, Ky.....	137,820	133,026
Erie, Pa.....	119,350	95,587
Memphis.....	115,346	374,156
Troy.....	114,038	210,814
Bayonne.....	112,900	67,145
Trenton, N. J.....	110,650	41,400
Brockton, Mass.....	107,880	63,022
Peoria.....	106,420	193,300
Schenectady.....	103,815	95,300
Topeka.....	102,375	47,800
Duluth.....	83,555	284,384
Hoboken.....	83,620	20,911
San Antonio.....	73,455	158,674
Tampa.....	70,170	482,462
Evansville.....	70,765	87,205
Portland, Me.....	65,425	108,960
Davenport, Ia.....	57,900	103,600
Wilkes-Barre.....	55,930	65,004
Nashville, Tenn.....	51,378	148,690
Chattanooga.....	48,780	37,505
Lincoln.....	48,355	40,800
Altoona.....	47,728	39,972
Dayton, Ohio.....	46,365	105,700
Springfield, Ill.....	42,680	87,300
Terre Haute.....	39,955	27,175
San Jose.....	29,655	44,660
E-St. Louis, Ill.....	27,450	25,550
Pascale, N. J.....	26,260	33,510
St. Joseph, Mo.....	21,985	65,891
Allentown, Pa.....	17,760	14,300
Lawrence, Mass.....	17,000	57,600
Saginaw, Mich.....	15,450	9,200
Holyoke.....	13,815	98,000
Harrisburgh.....	11,250	39,350
South Bend.....	10,250	28,900
Pueblo, Colo.....	8,620	22,515
Reading, Pa.....	3,350	39,775

Totals.....\$60,067,665 \$67,411,321

These figures show building permits and estimated cost. They are not altogether accurate as the "estimates" are not made under the same conditions in the different cities. However, they are apt comparisons for the same city as they figured on the same basis. Speculative building has practically been at a stand still for the past six months. Hence the sag in the figures in the larger cities.

Statements as to business done by the port of San Francisco show that exports for the year, 1913, amounted to \$68,937,562, as against \$35,773,746 for 1910, showing an increase of almost 100 per cent for the period. Imports increased from 50,669,435 in 1910 to \$62,650,298 in 1913. Shipments to outlying possessions for the year 1913 were as follows:

To Alaska.....	\$ 3,161,273
Hawaii.....	19,994,091
Tutuila.....	167,071

While these figures show a large business to have been done by this port exclusive of domestic trade and coastwise shipping, it should increase much more rapidly in the immediately succeeding years. The port of San Francisco is the great port of the Pacific Coast and the records from now on will show it.

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Government Policy In Alaska.

REPORT OF THE SECRETARY
OF THE INTERIOR.

As Alaska contains the largest supply of government lands and mineral resources, the question of how best to develop and conserve these resources has been and still is one of paramount importance to this country. Franklin K. Lane, Secretary of the Interior has made his report to the President. So much of the report as relates to Alaska is herewith appended.

December 10, 1913.

Sir: There are many matters of home concern as to which it is my pleasure to report to you, but I would give prominence to that which appeals to me as of largest and most immediate moment—the fuller and freer use of our national resources.

It is, of course, known to you that there exists a feeling in the West that its affairs and needs have not been given that consideration at the hands of the National Government which they merit. This feeling is not confined to speculators or exploiters. It is the sentiment of many who are without selfish motive and regard the matter wholly from the standpoint of national growth. They point to the conditions which obtain in Alaska as unparalleled among people of our aggressive and nation-building stock. So, too, they are unable to understand why ways have not been found by which the great bodies of coal and oil lands, of phosphate and potash lands, may be developed, and the waters of the mountains made available for the generation of power and the redemption of the desert.

There is one very simple explanation for the existence of this feeling. We have adventured upon a few policy of administering our affairs and have not developed adequate machinery. We have called a halt on methods of speculation which existed, to the great benefit of many, but we have failed to substitute methods, sane, healthful, and progressive, by which the normal enterprise of an ambitious people can make full use of their own resources. We abruptly closed opportunities to the monopolist, but did not open them to the developer.

Land Policy.

I have said that we had put into force a new land policy, which caused dismay and discontent. Let me explain what I mean by this. It was, in fact, but a new application of an old policy. Congress has always been most generous as to the disposition of the national lands. One cannot read our land laws without being struck with the fixed determination which they show that it was wisest to be quit of our lands as quickly as possible. It might almost be said that the Government regarded its lands as a burden rather than an asset. We have given generously to our railroads and to the States. There was land for all, and it was the Government's glad function to distribute it and let those profit who could. There was no thought then of creating timber barons or cattle kings,

or of coal monopoly. The sooner the land got into hands other than those of the Government the better. And this generous donor was not so petty as to discriminate between kinds of lands, the uses to which they could be put, or the purposes which those might have who got them. Land is land, save when it contains minerals; this was roughly the broad principle adopted. To classify was a task too difficult or not worth while. The lands would classify themselves when they arrived in individual ownership. And so the door was opened for monopoly and for fraud.

If the Government did not appreciate the invaluable nature of its assets there were men who did. Great fortunes were laid in the vast holdings of what had but a short time since been the property of the people. There was danger that the many still to pour into the West would by necessity become the servants of a fortunate and early few. On this discovery our indifference at once took flight. And so out of the abuse of the Nation's generosity there came a reaction against a policy that was so liberal as to be dangerous.

The Nation wanted home makers, but found its lands drifting into the hands of corporations which were withdrawing them from the market, awaiting a time when lands would be more scarce; it gave opportunity for many competing coal operators and iron manufacturers, but found the sources of raw material centering into a few large holdings; it wished its lands to be cleared of forests to make way for farms, but it found hundreds of consecutive miles reserved from use by the fiat of those who appreciated their worth, and many more miles of watershed despoiled of its needed covering in places where homes were not possible.

A reaction was inevitable. If lands were to be withdrawn from public service, why might not the Government do the withdrawing itself? The old philosophy that "land is land" was evidently unfitted to a country where land is sometimes timber and sometimes coal; indeed, where land may mean water—water for tens of thousands of needy neighboring acres. For the lands of the West differ as men do, in character and condition and degree of usefulness. We had not recognized this fact when we said "land is land." Lands fitted for dry farming and lands that must forever be mowed without irrigation; lands that are worthless save for their timber; lands that are rich in grasses and lands that are poor in grasses; lands undelimited with the nonprecious minerals essential to industry or agriculture; lands that are invaluable for reservoir or dam sites—these varieties may be multiplied, and each new variety emphasizes the fact that each kind of land has its own future and affords its own opportunity for contributing to the Nation's wealth.

So there has slowly evolved in the public mind the conception of a new

policy—that land should be used for that purpose to which it is best fitted, and it should be disposed of by the Government with respect to that use. To this policy I believe the West is now reconciled. The West no longer urges a return to the hazards of the "land is land" policy. But it does ask action. It is reconciled to the Government making all proper safeguards against monopoly and against the subversion of the spirit of all our land laws, which is in essence that all suitable lands shall go into homes, and all other lands shall be developed for that purpose which shall make them of greatest service. But it asks that the machinery be promptly established in the law by which the lands may be used. And this demand is reasonable. Already Congress has recognized in many ways the appositeness of this policy, but it is for yourself and Congress to further extend it thought into our legislation.

Surely this is not a task that may be adventured upon with recklessness or without respect for the opinions of others. And the suggestions which shall be made by me are so made in the hope that they will form a basis upon which the constructive mind may work and bring forth a more perfect, a more efficient working plan.

As to Alaska.

The largest body of unused and neglected land in the United States is Alaska. It is now nearly half a century since we purchased this territory, and it contains today less than 40,000 white inhabitants, less than 1,000 for each year it has been in our possession. The purchase was made as a means of protection against the possible aggression of a foreign nation and without the hope that it would be even self-supporting. In the intervening 46 years we have given it little more than the most casual concern, yet its mines, fisheries, and furs alone have added to our wealth the grand sum of \$500,000,000.

For almost a generation it was the rich harvest field of a single company. Individual fortunes have been made in that country larger than the price paid to Russia for the whole territory. How rich its waters are we know, because they have been proved, but how rich its lands are in gold and copper, coal and oil, iron and zinc, no one knows. The prospector has gone far enough, however, to tell us that no other section of our land today makes so rich a mineral promise. And in agriculture the Government itself has demonstrated that it will produce in abundance all that can be raised in the Scandinavian countries, the hardy cereals and vegetables, the meats and the berries of which 9,000,000 people live in Norway, Sweden and Finland. It has been estimated that there are 50,000,000 acres of this land that will make homes for a people as sturdy as those of New England. Whether this is so or not, it would appear that

Alaska can be made self-sustaining agriculturally.

This vast and unsurpassed asset lies almost undeveloped. A territory one-fifth the size of the United States contains less than a thousand miles of anything that can be called a wagon road. It has few inconsiderable stretches of railroad which terminate, with one exception, either in the wilderness or at a private industry. Only the richest of its mines can be worked, and one of its resources of greatest immediate value to the people—its coal lands—lies unworked.

The one constructive thing done by this Government on behalf of Alaska in nearly half a century was the importation of reindeer for the benefit of the Eskimo on the border of the Arctic Ocean. For the white man we have done nothing—so little, in fact, that to mention what we have done is matter for chagrin and humiliation. I have thought that perhaps the scandals that have developed in Alaska have been in some part the result of a feeling that it was No-Man's Land, where the primal instincts and powers were the only law.

This unfortunate condition cannot be explained on the ground of the inhospitality of the Alaskan climate. A careful study of isothermal lines shows that some of southeastern Alaska has a climate more temperate and more equable than that of this city, while much of the greater portion of the north has a kinder climate than Stockholm or St. Petersburg. Moreover, our people are not stayed in their quest for homes or wealth by the rigors of a long winter. The spirit and purpose which brought them from Europe to Virginia and to Massachusetts take them today to Montana and Saskatchewan. The United States lately opened to entry a tract of land in Montana for which there were 46,000 applicants for registration, and only 7,000 of these could be given an opportunity to homestead. There is more railroad building 500 miles north of the Canadian border than there is for the same distance south of it.

Why has not this land been developed? The frank answer is that we did not realize until within a few years that it was worth developing. As soon as we discovered its value as a national asset we became alarmed and drew back, affrighted at the thought that we might lose it, or at least that it would become the property of those who would exploit it without respect to the public interest. Since then we have been waiting to make up our minds as to what wisely could be done. We have hesitated and naited out of the very keenness of our appreciation of what Alaska might become. It has rather been in compliment to Alaska than in derogation of her value that we have done so little for her in late years. It was a new land to be opened under new conditions. The mistakes made there and here we did not wish to repeat. But now after a long pause it would seem to be the sense of the people that we shall proceed at once and in a large way to deal with the problem of Alaskan development.

Proposed Administrative Board.

We have withdrawn Alaska from the too aggressive and self-serving exploiter. What have we to substitute as a safer servant of public interest?

To this question I have given much thought, and my conclusion is that if we are to bring Alaska into the early and full realization of her possibilities we must create a new piece of government machinery for the purpose. We should undertake the work in the spirit and after the method of a great corporation wishing to develop a large territory. In my judgment the way to deal with the problem of Alaskan resources is to establish a board of directors to have this work in charge. Into the hands of this board or commission I would give all the national assets in that territory, to be used primarily for her improvement—her lands, fisheries, Indians, Eskimos, seals, forests, mines, waterways, railroads—all that the nation owns, cares for, controls, or regulates. Congress should determine in broad outline the policies which this board in a liberal discretion should elaborate and administer much as is done as to the Philippines. This board would of course have nothing whatever to do with the internal affairs of the organized Territory of Alaska, for it would exercise no powers save such as Congress granted over the property of the United States in Alaska.

There are several reasons which appeal to me as supporting this suggestion:

1. Such a board could advise Congress as to what should be done, without prejudice, out of a deep national interest and with first-hand knowledge of conditions.

2. Such a board would co-ordinate the present enterprises of the Government in Alaska. As it is now, the control of lands is in one department, of forests in another, of roads in another, of fisheries in a fourth, of railroads in still another. The care of black bear is in one department and of brown bear in another.

3. There can be no satisfactory administration of land laws nor any other laws at a distance of 5,000 miles from the point of action. Much less is this possible where the two sections of the country are separated by an ocean, and the land calling for attention is closed to the world one-half of the year. The eye that sees the need should be near the voice that gives the order.

4. Alaska's opening and improvement should be treated as one problem. Each step in such an administration should be part of a plan, not an isolated act. We should have a unified and consecutive program, based on immediate knowledge governing this work. Each line of activity within the Territory should be correlated with all other activities. The opening of lands and the building of railroads or wagon roads, for instance, should be part of one scheme.

5. Alaska should be developed so far as possible out of her own revenues and resources. She should have a Federal budget of her own. Her revenues and expenditures should be presented to Congress on a single sheet. The funds raised from her lands and fisheries, her furs, her forests, and her mines should be used for the construction of her roads, railroads, telegraph and telephone lines, or for any other purpose which would make her resources more quickly available to the world. I believe it could be shown

that Alaska is self-supporting today, or, what is more to the point, that by proper taxes and charges imposed upon those who are deriving large return from their enterprise in the Territory, such revenue could be derived as would support a large policy of expansion and improvement. In short, I would construct the administrative machinery that would most surely lead to a prompt and continuous development of Alaska as a part of the United States upon a plane commensurate with her possibilities industrially, agriculturally, and socially.

The members of such a board appointed by the President would be selected presumably with reference to their fitness for the work to be done. Each one could be made the administrative and residuary head of a department or division, so that there might be a commissioner of the Alaskan land office, another commissioner of highways, another, perhaps, commissioner of Indian affairs and fisheries, and so on. All would sit together, as in the commission form of municipal government, and would work for a common end, the upbuilding of Alaska as an integral and contributing part of the Union.

I apprehend the fear that with such a commission there would be danger of corruption or indifference creeping into its work. This, however, is incident to the bestowal of all authority. The commission would not go unchecked, of course, for it must report to the head of some department at Washington, and through that head to Congress, and would be always subject to investigation. Moreover, no method has yet been invented by which dishonesty or poor judgment can be guarded against in public or in private life. In the end the character and wisdom of the men appointed is the only insurance that can be given against conduct that is foolish or worse.

Alaska should not, in my judgment, be regarded as a mere storehouse of resources upon which the people of the States may draw. She has the potentialities of a State. And whatever policy may be adopted should look toward an Alaska of homes, of industries, and of an extended commerce.

Strongly as I would urge this method of management—for it offers a rare opportunity to exhibit the efficiency of a Republic—I would not have Alaska wait for needed legislation until the merits of such a plan could be passed upon by Congress. Those things which appeal to me as of immediate necessity upon which independent action may be taken are (1) the construction of railroads in the Territory and (2) the opening of her coal lands.

Alaskan Railroads.

I have already expressed my belief to Congress that it was wise for the Government itself to undertake the construction and operation of a system of trunk-line railroads in Alaska. And I am led to this view irrespective of the possibility of private enterprise undertaking such work, although my belief is that no railroads would be privately constructed in Alaska for many years to come excepting as adjuncts to some private enterprise. Be that as it may, it would seem wise for the Government to undertake this task upon grounds of

state. The rates and the service of such railroads should be fixed with reference to Alaskan development—not with regard to immediate returns. The charges fixed should be lower for years to come than would justify private investment. I would build and operate these highways in the same spirit that the counties or the States build wagon roads—not for revenue, but for the general good. After all, a railroad is little more than an operated wagon road. In many countries they still call railroad cars "wagons." Our laws as to railroads are evolved from our old laws as to carriages by wagon. Our courts speak of railroads as property charged with a public interest and so justify the regulation of their rates. But no court would justify the imposition of rates made for the purpose for which Alaskan rates should be made—the creation of a commonwealth. If this is our task, it should be done wholeheartedly and with a consciousness that the dollar spent today on an Alaskan railroad will yield no more immediate return on the investment than the dollar spent on the Panama Canal.

These, then, are the persuading reasons for the belief that the Government should undertake to drive from the coast inland one or more lines of railroad: (1) The Government already regards it as its duty to build wagon roads. Such roads when well built are almost as costly as the construction of a railroad, which is the essential modern means of transportation. (2) There can be no assurance that without surrendering our resources in Alaska private railroads will be built. (3) The opening of this new country demands that the highways of travel and commerce should be made wholly subservient not to private interest but to the upbuilding of this territory that they may be the real servants of the national purpose.

If it is thought wise to recoup the Government for its original outlay it can be done, at least in part, by following a plan not unknown to our people—by giving a land subsidy to the owners of the road. Retain in the Government one-half of the land on each side of the railroad until it has appreciated in value by the growth of the lands given to the public. Thus the Government would subsidize itself and reap some of the benefits accruing to its land from the construction of the road. Judging by the increase in land values in the newly opened sections of Canada, who could say but that long before the bonds were due the Government would thus have an asset sufficient to meet the original debt?

There seems to me no necessity for barring the way to minor privately owned roads because of the presence of longer systems of publicly owned roads. The two exist together in other countries. I would not even apply the principle of the commodities clause of the act to regulate commerce to such roads. They should be built, however, under governmental supervision, capitalized and operated under the strictest regulation, and be at any time subject to purchase by the Government at their cost, minus depreciation.

Alaskan Coal.

It is not necessary to set forth here the extent or character of the coal fields of Alaska. Neither could I add to your knowledge or that of Congress as to the need for this coal both by the Navy and by the industries and the people of the Pacific coast generally. There are almost unlimited quantities of a high grade of lignite in the interior which may not stand extended storage or transportation. This could be converted into electricity at the mouth of the mines and widely distributed for lighting, heat, and power. Toward the southern coast of the peninsula there are two well-known fields of a high-grade bituminous coal and some anthracite. These are the fields which have given rise to the troubles with which all are familiar.

These coal fields should be opened not to speculators but to operators. These should have these lands who will use them. None should be opened as a basis for a gamble in future values. If these premises express a sound public policy, there appears to me but one conclusion that can be reached as to the manner in which they may be safely turned over to the public—under a leasing and royalty system similar to that under which the State of Minnesota leases its ore lands and the States of Montana and Colorado their coal lands. The tracts opened should be disposed of to those who within a certain time would develop mines and make their product commercially available. This means that where a railroad is necessary to the operation of a mine the applicant should take a lease so conditioned for a limited period. Sufficient land should be leased as a body to justify long-continued and economical operation. As the average of all operations in the United States is 2,600 acres, including many small holdings, this might be taken as a maximum unit.

There has been much dispute between those who favor making a lease for an indeterminate period, dependent alone upon continued operation, and those who believe it wisest to fix a term for the lease, 20, 30 or more years. This dispute seems to me of much more academic than practical interest. There should be no disposition to change the lessee. If a fixed term of lease is decided upon, the original lease should have an assured preferential right to a renewal until the mine is worked out. So that in the end the fixed term is a reservation of the right on the part of the Government to make new terms at the end of a number of years, a reservation which could be fixed in an indeterminate lease.

A fixed minimum annual royalty would conduce to operation and prevent the holding of lands out of use. These are matters, however, of regulation upon which much thought should be expended, and the experience of other lands will be found helpful. If the principle of the homestead law is adopted, and one lease only permitted to any one person or group of persons, and all leases made nontransferable, excepting with the consent of a designated authority, it would seem that monopoly could be prevented. I would, however, add one other precaution—that in each field a large body of the

coal land be reserved, so that the public and the Navy might be rendered independent of private supplies if that should become necessary.

The attraction of a leasing system is that it enables an operator to put all of his capital into the promotion of his enterprise, no investment being needed for the purchase of the land. This makes it possible for the man of comparatively small means to become a coal mine operator. The lessee is pleased to pay the Government a royalty in lieu of tying up a large amount of capital in the land itself.

There is this further consideration, which those interested in Alaska's future might well consider. The royalties arising from these mines (as well as from oil) would for a long time be a source of revenue to the Government. To stimulate the opening of mines, all royalty might well be waived for a brief period; later, however, these royalties would be a not inconsiderable addition to the resources available for Alaskan development, for I would think it the wiser policy to give to this new land the full return from her properties to be used in her improvement, at least for many years.

There are many isolated places in Alaska where small mines may be opened to supply a local and small need. A license to mine a small acreage without any charge whatever on the part of the Government would meet this need.

BUILDING TRADES EMPLOYERS' ASSOCIATION OF CALIFORNIA ADOPTS RESOLUTIONS REGARDING THE PLASTERING SITUATION.

At a special called meeting of the Building Trades Employers' Association of California, held on January 2nd, 1914, to consider the Plastering situation, which body is composed of the following bodies, to wit:

The General Contractors' Ass'n.
The Concrete Contractors' Ass'n.
The San Francisco Lumbermen's Club
The Master House Smiths' Ass'n.
The Furniture & Carpet Trades Ass'n.
The San Francisco Planing Mill Owners' Association.
The Sheet Metal Contractors' Ass'n.
The Lighting Fixture Club of S. F.
The Erectors' Association of California.

The Cabinet Manufacturers' Ass'n.
The Master Roofers' & Manufacturers' and Individual Firms, the following resolution was adopted:

"WHEREAS, Local Plasterers' Union No. 66 has demanded 50% of the labor involved in nailing up staff work on Exposition Buildings, at an increased labor cost of 50%, which work heretofore, at all previous Expositions held in the United States, has been performed by Carpenters only, and

WHEREAS, The Building Trades Council of San Francisco has awarded this work to Journeymen Carpenters only, in accordance with an understanding with the Panama-Pacific Exposition officials, the Building Trades Council and the Contractors, before the contracts were awarded, as a result of which decision the members of Local Plasterers' Union No. 66 have walked out on all Plastering Work in San Francisco, and

Firms desiring ads on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 4 story and base. Class C construction. Cost not stated. Architect, Herman Barth, 12 Geary street, S. F. Owner's name withheld. The building will be erected on California street near Hyde and will cover a large ground area. Plans show a total of some 40 suites arranged in two and three room apartments. Interior will be finished in pine with elm panels and oak floors. There will be steam heat, a hot water system and vacuum cleaning. All suites will have wall beds and private bath rooms. Baths will be finished in tile and will have composition floors. Entrance and vestibule will be finished in marble and tile. Exterior of the house will be faced with pressed brick and terra cotta. Preliminary plans are now being prepared. Further mention will be made of this work.

SAN FRANCISCO—Apartment house alterations, 3 story, frame, \$6,000. Architect, N. W. Sexton, Chronicle Bldg., S. F. Owner, Mrs. C. De Forest. The building on Clayton street north of Haight, now occupied by several flats, will be altered into a modern apartment house structure containing three and five room suites. There will be new interior finish, partitions, plumbing, electric work and heating. All apartments will be equipped with wall beds and will have private bath rooms. Interior finish will be of pine and redwood. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Apartment house, 5 story and base. Class C construction, \$50,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owners, Cohn Bros. The building will be erected on a large corner lot in Berkeley, and has been designed for suites of two and three rooms. Interior will be finished in pine and elm panels with some hardwood floors. There will be steam heat, elevator service and vacuum cleaning. Bath rooms will have composition floors and tile wainscot. Entrance will be finished in marble and tile. All suites will be equipped with wall beds and private bath rooms. Exterior of the building will be faced with pressed brick. Preliminary plans have been approved and the architect is now engaged on the working drawings.

PORTLAND, ORE.—Apartment house 2 story and base, frame, \$15,000. Architects, Goodrich & Goodrich, Abington Bldg., Portland. Owner's name withheld. The building will be erected on the East Side, covering an area of 44 by 70 feet. Interior has been arranged for eleven suites of two and three rooms, besides a number of single rooms. All suites will have private baths and wall beds. Interior finish will be of pine and redwood. Oak floors will be used in the living rooms. Plans provide for steam heat, a hot water system and vacuum cleaning. Bath rooms will have composition

floor and tile wainscot. Exterior of the building will be covered with rustic and shiplap. Work will start in the spring.

SEATTLE, WASH.—Apartment house, 3 story and base, brick, \$25,000. Architect, F. H. Blohm, New York Bldg., Seattle. Owner, Frank Logan. The building will be erected at the southwest corner of Republican and Minor streets, and has been designed to contain fifteen suites of two and three rooms. Interior finish will be of pine and hardwood veneer. Some oak floors will be used. There will be steam heat and a hot water system. All suites will have wall beds and private baths. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick and steel, \$60,000. Architect, Fernand Parmentier, Byrne Bldg., L. A. Owner, Mrs. Harvey Ingerson. Contractors, Dutro-Wren Construction Co., Van Nuys Bldg., L. A. Note: The contract has been taken on the percentage basis and the estimated cost of the building is placed at \$60,000.

BANKS.

OROVILLE, WASH.—Bank, 2 story and base, brick and concrete, \$15,000. Architect, A. Harlan Thomas, Arcade Bldg., Seattle. Owners, First National Bank of Oroville. The building will be erected on a corner site, the entire first floor being occupied by the bank, and upper floors will be arranged for modern offices. Interior finish will be of pine and hardwood. There will be a central heating system, special coin vaults and metal window sash and frames. Exterior of the building will be faced with pressed brick. Plans are being prepared and figures will be called for within a month.

BASE BALL PARK.

Contracts Awarded.

SAN FRANCISCO—Base Ball Park, concrete and frame. Cost not stated. Architect, Walter A. Mathews, Oakland. Owners, Recreation Park Association. Contractors, Ward & Goodwin, 981 Guerrero street, S. F., carpentry work only. Contract price not stated.

BATH HOUSES.

SEA SIDE, ORE.—Bath house, 1 story, reinforced concrete, \$25,000. Architects, Doyle & Patterson, Worcester Bldg., Portland. Owner, J. E. Oates. The building will be arranged for a large number of tub baths, showers and a large concrete swimming pool. Equipment will be of the most modern type, including filters and water heating plant. Exterior will be faced with cement plaster. No general contract will be let, the owner doing the work by Day Labor, and subcontracting all material contracts. Excavating and grading have been started.

BRIDGES AND DAMS.

SANTA CRUZ, SANTA CRUZ CO., CAL.—Wharf, timber and creosoted piles, \$165,000. Engineer, H. J. Brunner, Sharon Bldg., S. F. Owners, City of Santa Cruz. The wharf will be about 2,750 feet long and will be erected near the present Fisherman's Wharf. The approach portion, which is 2,100 feet long will vary in width from 30 to 42 feet. The main pier will be about 650 feet long and 80 feet wide. This will have a shed on it 210 feet long and 46 feet wide. The entire construction will be of timber and creosote piles. About 2,200 piles will be required, varying in length from 30 to 70 feet, and about two million board feet of lumber. The usual bolts and fittings, spikes, drift pins, etc., will be used. There will be one track run the full length of the approach and pier. Davits and their mechanical equipment will also be used. Plans are complete and figures are being taken. Bids will be opened on February 6th. Plans and specifications can be secured from the engineer.

ESQUIMAULT, B. C.—Dry dock, concrete construction, \$1,000,000. Engineers, Dominion Government. Owners, Dominion of Canada. Details of the proposed dry dock which is to be erected at Esquimalt have been made public. The structure will have a total length of 1,150 feet with an extreme depth at the approach of 50 feet and an average depth of 40 feet at high water. Construction will be of reinforced concrete and steel. The site has been selected and preliminary work of grading has been started. Working drawings are now being completed in the Dominion offices and figures will be called for within a short time.

VANCOUVER, B. C.—Bridge, steel and concrete construction, \$2,000,000. Engineer, John Wolfe Barry, Vancouver, B. C. Owners, Burrard Inlet, Tunnel and Bridge Co. Plans for a large steel span bridge, which is to be erected over the Second Narrows, are complete, and are now in the hands of the contractors for figures. Bids will be opened on April 1st. Plans, specifications and full particulars can be secured from the engineer, who may be addressed in care of the owners.

PORTLAND, ORE.—Deck construction. Cost not stated. Engineer, G. B. Hegardt, care of the Dock Commission, Portland. Owners, City of Portland. Plans have been completed for Municipal Dock No. 2, which is to be erected on the East Side. Construction will be similar to that of Dock No. 1, including concrete, brick and heavy mill construction. The dock will be 525 feet long and will be covered with a shed. Proceeds from bonds valued at \$900,000 will shortly be available. Bids will be called for some time this month but construction will not be started until the money is available.

Contracts Awarded.

SAN FRANCISCO—Pier addition, timber construction, \$12,766. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Contractors, San Francisco Bridge Co., S. F. Contract price, \$12,766. This work is to be done at Pier No. 25.

CHURCHES.

BERKELEY, ALAMEDA CO., CAL.—Church, 1 story, frame, \$10,000. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, St. Peters Parish. The building will be erected on Rock Ridge Road, and has been designed in the Mission style. Interior will be arranged for a main auditorium, seating 250 people, and Sunday school rooms. Fine and redwood will be used in the finish. Plans provide for a hot air system of heating. Art glass will also be used. Exterior of the building will be covered with cement plaster. Plans are complete and figures are now being taken.

PASADENA, LOS ANGELES CO., CAL.—Church auditorium, 1 story and base, frame, \$10,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Tremont Baptist Church. The addition will be erected in the rear of the present church, and will be connected to the main body of the church by an arched corridor. The building will be 50 by 80 feet. The main auditorium, which is to occupy the entire first floor, will seat 600 people. Basement will contain a social hall and kitchen. Interior finish will be of pine throughout. There will be a central heating system. Exterior of the building will be faced with blue brick base and cement plaster on metal lath. Plans are being prepared.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Cold storage plant, 5 story and base, CLASS B construction, \$60,000. Architect, Edmund Kollofrath, 560 Belvedere street, S. F. Owners, Merchants Ice and Cold Storage Co. The building will be erected at the southeast corner of Montgomery and Lombard streets, covering an area of 88 feet 2 inches by 89 feet. Construction will be of brick and steel, with hollow tile partitions and cement floors. There will be elevator service, metal window sash and frames and fireproof doors. A large amount of special machinery will be installed. Exterior of the building will be faced with stock brick. Plans have been completed and received the approval of the owners. Construction will be started as soon as contracts can be let.

EMERYVILLE, ALAMEDA CO., CAL.—Factory, 1 story, reinforced concrete, \$15,000. Architect, none. Owners, California Pickle and Sauce Co., 133 Myrtle street, Oakland. The building will cover a ground area of 125 by 140 feet, and will be practically fireproof throughout. Interior will be finished in pine with cement floor. Some tile wainscot will be used. There will be a steam plant and special machinery. Exterior of the building will be faced with cement plaster. Plans are complete and in the hands of the owners, who will do the work by Day Labor. Materials are now being purchased.

LONG BEACH, LOS ANGELES CO., CAL.—Packing plant, 2 story and base, brick, \$60,000. Architect, none. Owners, National Tuna Fishing and Packing Co., Charles E. Williamson, Pres., Long Beach. This building is to be erected on the harbor front and will cover a large area. Construction will be of the extra heavy type. There will

be a large amount of special machinery, metal window sash and frames and fireproof doors. Plans provide for steam heat, pine trim, modern electric and plumbing work. Exterior of the building will be faced with pressed brick. Plans are being prepared and when complete will be turned over to the owners who will take figures.

Contracts Awarded.

NAPA, NAPA CO., CAL.—Laundry building, 1 story and base, brick and concrete, \$16,500. Architect, State Department of Engineering, Sacramento. Owners, State of California. Contractor, R. S. K. MacMillen, S. F. Contract price, \$16,500.

SEATTLE, WASH.—Warehouse, 3 story and base, reinforced concrete, \$75,000. Architect's name not given. Owners, Oregon-Washington Railroad and Navigation Co. Contractors, Pearson Construction Co., New York Bldg., Seattle. Contract price, \$75,000. Note: When complete the building will be occupied by the Western Hardware and Metal Co.

FIRE HOUSES AND JAILS.

SAN FRANCISCO—Fire house, 2 story and base, brick and concrete, \$60,000. Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owners, City and County of San Francisco. Working drawings for Engine House No. 12, which is to be erected at the corner of Drumm and Commercial streets, have been completed and have received the approval of the Supervisors. Figures will be called for at once. The building will contain the apparatus room and stable on the first floor, and quarters for the men on the second floor. Interior finish will be of pine and hardwood. There will be cement and tile floors. Plans provide for steam heat, a hot water system and vacuum cleaning. Baths will be equipped with showers. Special plumbing and electric work are called for in the specifications. Exterior of the building will be faced with brick and stone.

SAN FRANCISCO—Fire alarm station, 1 and 2 story, concrete and brick, \$36,000. Architect, City Architectural Department, Temporary City Hall, S. F. Owners, City and County of San Francisco. A new building will be erected in Jefferson Square, probably on the site of the old Central Emergency Hospital, which will house the fire alarm equipment and repair department of the city fire department. There will be a general office, several repair shops and storage space. Interior will be finished in pine. There will be steam heat and special wiring. Exterior of the building will be faced with pressed brick. Plans are to be completed at once and figures will be taken by the Board of Public Works.

VENTURA COUNTY, CAL.—Jails, 3, 1 story and base, reinforced concrete. Cost not stated. Architect, A. C. Martin, Higgins Bldg., L. A. Owners, Ventura County. These buildings will be erected at the following locations: Fillmore, Moorpark and Camorilla. All will be of the same design and construction, with cement and pine floors, steel cells, composition roofs; modern jail plumbing and electric work. There will be wrought iron window grilles and steel doors. Exteriors will be

faced with cement plaster. Plans are being prepared.

LOS ANGELES, CAL.—Fire houses, 4, 2 story and base, brick, \$10,000 each. Architect, J. J. Backus, 24 City Hall, L. A. Owners, City of Los Angeles. These buildings will be erected at 1st and Reno, Vermont and Santa Monica, Florence and Moneta and 39th and Western. Each building will house two pieces of apparatus on the first floor, and will be arranged for living quarters for the men on the upper floor. Interiors will be finished in pine. There will be special plumbing and electric work. Exteriors will be faced with pressed brick. Plans are being prepared and figures will be called as soon as working drawings can be completed.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,500. Architect, none. Owner, John J. Binet, 68 Ramona avenue, S. F. The building will be erected on the east side of Guerrero street south of 19th, and has been designed to contain two modern flats of five and six rooms. Interiors will be finished in pine with some elm panels and oak floors. There will be open fire places and tile mantels. Bath rooms will have composition floors and tile wainscot. Tile wainscot will also be used in the kitchens. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner, who will do the work by Day Labor. Materials are now being purchased.

GARAGES.

WHITTIER, LOS ANGELES CO., CAL.—Garage and warehouse, 1 story and base, brick and concrete, \$15,000. Architects, Rea & Garistang, Black Bldg., L. A. Owners, Standard Oil Co. The building has been designed in the shape of an L, and will house the company's office in the front portion, a warehouse and garage in the rear. The structure will cover an area of 33 by 67½ feet and 22 by 74 feet. Interior of the offices will be finished in pine and hardwoods. The garage will have a cement floor. Metal window sash and frames will be used. Exterior of the building will be faced with pressed brick. Plans are being prepared.

GOVERNMENT WORK AND SUPPLIES.

Pumps, Mare Island and Puget Sound. The specifications for centrifugal pumps, etc., required in the central power plants, navy yard, Mare Island, Cal., and Puget Sound, Wash., bids for which are to be opened at the bureau of yards and docks, Navy Department, on February 14, state:

General Intention.—It is the declared and acknowledged intention and meaning to provide, secure, and install two motor-driven centrifugal fire pumps in the central power plant at the United States navy yard, Mare Island, Cal., and two steam turbine driven centrifugal hot water heating system pumps in the central power

plant, United States navy yard, Puget Sound, Washington.

General Description.—The motor-driven 1,000 gallon per minute pumps are to be used for fire and general flushing service at Mare Island, Cal. These pumps shall be suitable for pumping sea water. The turbine-driven 1,000 gallon per minute pumps are to be used for the circulation of fresh hot water in a heating system at Puget Sound, Wash. There shall also be furnished all material and labor necessary to raise the present heating system heater and install new suction piping at the navy yard, Puget Sound, Washington.

The power plants are now operating and these pumps will be installed in pits below the basement floors as shown on the drawings, taking their suction from the existing outlets and discharging into existing distributing systems. All the piping, valves and fittings for connections from the existing outlet to points shown on the drawings are to be furnished under this specification. The pumps for Mare Island shall have such characteristics as to make them suitable for fire, flushing, and circulating service, taking their suction direct from the well below the pump pit floor.

La Junta, Colo., Post Office.

The supervising architect, Treasury Department, Washington, D. C., has rejected all bids received for the construction, complete, of the U. S. post office at La Junta, Colo.

Cheyenne, Wyo., Repairs, Etc.

The following bids were received by the custodian U. S. post office, Cheyenne, Wyo., for repairing and painting in the U. S. post office building at Cheyenne, Wyo.:

B. M. Bruce, Cheyenne, Wyo., \$4,475.

J. P. Sullivan, Chicago, Ill., \$3,744.
Grohne Contracting Co., Joliet, Ill., \$4,940.

The Sherman Co., Cheyenne, Wyo., \$1,578.50.

Rock Springs, Wyo., Vault Shelving.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for installing metal vault shelving in the U. S. post office at Rock Springs, Wyo.:

The H. H. Shults Co., Gowanda, N. Y., \$82.

The Canton Art Metal Co., Canton, Ohio, \$98.

The Berger Mfg. Co., Canton, Ohio, \$105.

Art Metal Construction Co., Jamestown, N. Y., \$108.

Crown Metal Construction Co., Jamestown, N. Y., \$111.50.

Watson Mfg. Co., Jamestown, N. Y., \$118.

The Van Dorn Iron Works, Cleveland, Ohio, \$16.

Grand Junction, Colo., Construction.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for the construction (including plumbing, gas piping, heating apparatus, electric conduits and wiring, interior lighting fixtures and approaches) of the U. S. post office at Grand Junction, Colo.:

Blid 1. W. C. Boyer, Grand Junction, Colo.

2. F. H. Cowell, Central Savings Bank Building, Denver, Colo.

3. J. H. Wiese, 1301 City National Bank Building, Omaha, Neb.

4. Hiram-Lloyd Building and Construction Co., Odd Fellows' Building, St. Louis, Mo.

5. Frank Kirchhof Lumber Co., Denver, Colo.

For using light colored Colorado marble for all exterior stonework, except where granite is required—Bid 1, \$36,954; 2, \$100,545; 3, \$102,110; 4, \$105,217; 5, \$111,014.

For using Colorado sandstone for all exterior stonework, except where granite is required—Bid 2, \$34,725; 5, \$104,900.

For using light colored limestone for all exterior stonework, except where granite is required—Bid 1, \$30,354; 2, \$93,382; 3, \$93,314; 4, \$97,717; 5, \$104,300.

For alternate 1: Substituting Keene's cement for hard plaster on walls of finished rooms as specified, add—Bid 3, \$600; 4, \$800; 5, \$550.

For painting plaster walls of finished rooms and finishing ceilings in distemper, as specified, add—Bid 3, \$1,500; 4, \$2,500; 5, \$1,800.

Amount included in the proposal for furnishing and installing of all interior lighting fixtures—Bid 1, no bid; 2, \$312; 3, \$2,000; 4, \$1,150; 5, \$900.

New Irrigation Project.

Pursuant to the approval of the Secretary of the Interior of the contract between the State of Washington and the United States providing for the investigation of the Palouse Irrigation project, Governor Lister, Mr. E. McCulloch, engineer in the Reclamation Service, who will have charge of the work, and Supervising Engineer C. H. Swigart, in charge of Washington Irrigation projects, held a meeting to outline future work and discuss the steps necessary for handling the appropriation provided by the State.

The entire work of the survey will be under the control of the Reclamation Service. The problem is to find sufficient feasible reservoir sites to impound water for the irrigation of a smaller project than the one originally planned, as the Washuena Coulee was considered infeasible by the board of engineers reporting on the Palouse project, and railroad construction has made the site at the diversion point on the Palouse River infeasible.

The engineer in charge has gone over a number of proposed reservoir sites and a portion of the Washuena Coulee. A reconnaissance will be made in a short time of the headwaters of the Palouse River for the purpose of locating reservoir sites.

Brigham City, Utah, Construction.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for the construction, complete (including mechanical equipment, interior lighting fixtures and approaches), of the U. S. post office at Brigham City, Utah:

Blid 1. Campbell Building Co. of Utah, Salt Lake City, Utah.

2. The Parrott Bros. Co., P. O. Box 984, Salt Lake City, Utah.

3. North Pacific Construction Co., Twin Falls, Idaho.

4. The George Hinchliff Co., Paragould, Ark.

Proposal No. 1. Using limestone for all stone work, except where granite is required—Bid 1, \$55,849; 2, \$56,600; 3, \$59,131; 4, \$69,600.

Proposal No. 2. Using sandstone for all stone work, except where granite is required—Bid 2, \$60,600; 3, \$61,431.

For alternate No. 1 (substituting Keene's cement for hard plaster on walls in the first and mezzanine stories, as specified), add—Bid 1, \$320; 2, \$175; 3, \$185; 4, \$300.

For alternate No. 2 (painting plastered surfaces of all finished rooms in first and mezzanine stories, as specified), add—Bid 1, \$298; 2, \$283.75; 3, \$750; 4, \$900.

Amount included in the proposal for furnishing and installing of all interior lighting fixtures—Bid 1, \$298; 2, \$16; 3, \$216; 4, \$400.

San Jose, Cal., Screens.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for furnishing door and window screens for the U. S. post office at San Jose, Cal.:

Santa Clara Valley Mill & Lumber Co., San Jose, Cal., \$500.

Hipolite Screen & Door Co., San Jose, Cal., \$975.

R. O. Summers, San Jose, Cal., \$936.

Willier Mfg. Co., Milwaukee, Wis., \$1,175.

Oil Engines for the Navy.

Lieutenant F. X. Gyax, U. S. Navy, who has been on duty in Switzerland superintending the construction of Diesel engines for submarine boat G-3, returned to this country last week and has reported for duty in the bureau of steam engineering of the Navy Department. These engines were constructed for the Lake Torpedo-Boat Co., but, as the contract has been taken over by the Government, the engines will be shipped to this country and installed at the New York navy yard. Lieutenant Gyax is understood to have acquired much valuable information regarding the Diesel engines during his tour of duty abroad. Work has been begun on the construction of the experimental oil engines intended for installation on the naval collier Maumee at the New York navy yard. Much discussion has been prevailing among the naval engineers as to the scope of the internal-combustion engine. The most conservative naval view is that it will be limited to small craft, notably in the submarines, where oil propulsion is almost universal. Information received at the Navy Department indicates that the foreigners have encountered much trouble with the Diesel motors. One reason is the high speed of these, most of them from 350 to 450 revolutions per minute. The piston speed has to be as much as 1,000 feet a minute, as against 600 feet a minute in the mercantile type. Hence the time available for the dissipation of the heat by the jacket water is very small, the difficulty of cooling the piston effectively therefore being greater than in the ordinary type of motor. The result may be a crack, which is a serious

matter, since the fuel charge may enter the crank chamber and cause explosions. In this way accidents have happened on several occasions. The experience gained on merchant vessels propelled by oil has helped towards the solution of the naval problem, because even in their engines cracked cylinder covers occur. Poth in design and material, however, improvement is taking place as engineers adapt the oil motor to marine conditions. Curiously enough, accidents have been more frequent in French submarines than in those of any other country. But since the cast-steel piston has been replaced by one of cast iron the trouble has been largely overcome. Unlike other navies, too, the French navy has many submarines driven by steam. Apparently that government has declined not to place entire confidence in the Diesel motor.

Tender Sequoia, Reprints.

The following bids were received by the lighthouse inspector, 18th district, San Francisco, Cal., for making repairs to generator of tender Sequoia:

Marine Electric Co., San Francisco, Cal., \$92; accepted.

Crocker-Wheeler Co., San Francisco, Cal., \$190.

Alameda, Cal., Vault Shelving.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for installing metal vault shelving in the U. S. post office at Alameda, Cal.:

The H. H. Shults Co., Gowanda, N. Y., \$137.

Crown Metal Construction Co., Jamestown, N. Y., \$153.45.

The Watson Mfg. Co., Jamestown, N. Y., \$155.

Art Metal Construction Co., Jamestown, N. Y., \$168.85.

The Berger Mfg. Co., Canton, Ohio, \$266.

The Van Dorn Iron Works, Cleveland, Ohio, \$380.

Reverse Gear Mechanism.

The following bids were received by the U. S. Reclamation Service at Los Angeles, Cal., for reverse-gear mechanism for gasoline engine, Salt River project, advertisement No. 263:

Fairbanks-Morse Co., Los Angeles, Cal., \$45 net; at Los Angeles; weight, 150 lbs.

Marine Engine Supply Co., Los Angeles, Cal., \$55; at Los Angeles; weight, 100 lbs.

Balanced Valves, Elephant Butte.

The Secretary of the Interior has authorized the Reclamation Service to execute contract with the Best Mfg. Co., of Pittsburgh, Pa., for furnishing balanced valves for service conduits of the Elephant Butte dam, Rio Grande irrigation project, New Mexico. The contract price is \$24,980.

Wiring, Fort Mason.

The contract for power wiring at the transport wharf, Fort Mason, Cal., has been awarded to Newberry-Bendheim Electric Co., of 214 Humboldt Bank Building, San Francisco, Cal., at \$1,095.

THE DALLES, ORE. — Garage, 1 story and base, reinforced concrete and brick, \$15,000. Architect, John V. Bennes, Chamber of Commerce Bldg.,

Portland. Owner, Max A. Vogt. The building has been designed for a commercial garage, and will cover a ground area of 100 by 180 feet. There will be a cement floor, metal window sash and frames and special gasoline storage tanks. Besides the storage space the building will contain display rooms, office and a completely equipped machine shop. Exterior will be faced with cement plaster. Plans are complete and will probably be turned over to the owner, who will build by Day Labor and purchase all materials.

FORT ROSECRANS, CAL. — Oil pipe line and oil burners. Cost not stated. Engineer, Lieut. H. A. McCune, Fort Rosecrans. Owners, United States Government. Bids are now being called for furnishing and installing an oil pipe line and oil burners at Fort Rosecrans. Included in the work is a large central air supply tank for all burners. Plans and specifications can be secured from Lieut. H. A. McCune. An official proposal appears in another column of this issue. Bids will be opened on February 4th.

MARE ISLAND, NAPA CO., CAL. — Pumps and motors, \$14,600. Engineer, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Bids will be opened on February 14th in Washington, D. C., for furnishing and installing on foundations now complete at the central power plants at Mare Island and Puget Sound two motor-driven fire pumps each of 1,000 gallons per minute capacity, and two steam turbine driven heating system pumps each of 1,000 gallons per minute capacity. Plans can be secured from the commandants of either navy yard. An official proposal appears in another column of this issue.

—HALLS & SOCIETY BLDGS.—

OAKLAND, CAL. — Lodge hall, 3 or 4 story and base, brick and steel, \$40,000. Architects, Cunningham & Pelotte, First National Bank Bldg., S. F. Owners, Sons of St. George. The building will be erected at the corner of 26th and San Pablo streets, and will cover a considerable ground area. There will be stores on the first floor and lodge rooms above. Interiors of the upper floors will be finished in hardwoods and pine. Maple floors will be used in the banquet hall and ball rooms. Plans provide for steam heat, a vacuum cleaning system and patent store fronts. Marble base in entrance vestibule will be used. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SAN RAFAEL, MARIN CO., CAL. — Auditorium and bath house, 1 story, reinforced concrete, \$150,000. Architect, Thomas O'Connor, 104 D street, San Rafael. Owners, City of San Rafael. Only preliminary plans for this work have been prepared. The structure will cover an area of 100 by 194 feet, and will be practically fireproof throughout. There will be cement floors, steel roof trusses and metal window sash and frames. Considerable tile will be used. Special heating system will be installed. Exterior of the building will be faced with cement plaster. Working drawings are to be prepared.

FRESNO, FRESNO CO., CAL. — Lodge hall, 4 story and base. Class A construction, \$100,000. Architect, C. A.

Meusdorffer, Humboldt Bank Bldg., S. F. Owners, Eagles' Hall Association, Fresno. The building will be erected at the corner of M and Fresno streets, having a 125 foot frontage on one street and 75 feet frontage on the other. Several stores besides the main entrance will occupy the first floor. Upper floors will be arranged for the offices of the organization, social rooms, lodge halls, banquet rooms and ball rooms. Interior finish will be of pine and hardwood. Plans provide for steam heat, elevator service and a vacuum cleaning system. Marble and tile will be used extensively. Patent store fronts, metal window sash and frames are also specified. Exterior of the building will be faced with pressed brick and terra cotta. Plans are nearly complete.

HOSPITALS

SAN FRANCISCO — Hospital, 1 story and base, reinforced concrete, \$17,500. Architect, George Colmesnil, Lick Bldg., S. F. Owners, City and County of San Francisco. Plans have been prepared and received the approval of the Building Committee of the Board of Supervisors for an emergency hospital which is to be erected in the Potrero District. The building will contain a general office, operating room and two wards. Interior will be finished in pine and tile. There will be a central heating system. Operating room will be equipped in the most modern manner. Exterior of the building will be faced with cement plaster. Plans will be shortly out for figures.

MEDICAL LAKE, WASH. — Institutional buildings, 1 and 2 story, brick and concrete. Cost not stated. Architect, Julius Zittle, Jamieson Bldg., Spokane. Owners, State of Washington. This group will comprise the new Institution for the Feeble Minded, and will consist of the following buildings: Two cottages, each 2 story and base, 68x94 feet; a 2 story school house, 32x108; a 2 story, 60x108 foot store house and a main building, 2 stories high, an over all length of 266 feet, divided into two custodian wings, 114 feet long each. The wings will be 75 feet wide, the central portion will be 38 feet wide and 123 feet long. All buildings will be of concrete and brick construction, with hollow tile floors and partitions. Tile roofing is specified. Bids will be opened by the State Board of Control on January 31st.

LAKEVIEW, WASH. — Hospital, 2 story and base, hollow tile construction, \$30,000. Architects, Sundberg & Mahon, Tacoma. Owners, Pierce County. The building has been designed for a tuberculosis hospital, and will contain several wards and private rooms. Interior finish will be of pine throughout. There will be a central heating system, vacuum cleaning and modern operating equipment. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be called for by the Board of Supervisors within a few days.

Contracts Awarded.

LOS ANGELES, CAL. — Hospital, 5 story and base, reinforced concrete, \$99,000. Architects, Garrett & Purrell, Currier Bldg., L. A. Owners, Methodist Hospital Association. Contract

tors, Hudson-McCutcheon Construction Co., L. A., general construction, which includes all work except the elevator equipment. Contract price, \$93,000.

HOTELS.

CORCORAN, KINGS CO., CAL.—Hotel, 3 story and base, brick and steel, \$16,000. Architect, H. Y. Davis, Visalia. Owner, F. A. Cleveland. The building will be designed for a modern commercial hotel, and will contain stores, the main lobby and office and a public dining room on the first floor. Upper floors will be divided into about 60 guest rooms and a number of baths. Interior finish will be of pine and hardwood, with tile floor in the lobby. Plans provide for steam heat, a complete oil burning plant, passenger elevator and hot water supply. Bath rooms will have composition floors and tile wainscot. Marble and tile will be used in the entrance and lobby. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Hotel, 2 story and base, brick and concrete, \$30,000. Architect, E. B. Rust, Title Insurance Bldg., L. A. Owner, Charles Nemethi. The building will be erected on West 11th street, covering an area of 50 by 138 feet. The first floor will contain two large stores besides the hotel entrance. Upper floor will be arranged for 52 guest rooms and 20 baths. There will be steam heat and a hot water supply. Interior finish will be of pine. Bath rooms will have composition floors and tile wainscot. Patent store fronts and plate glass windows are specified. Exterior of the building will be faced with pressed brick. Plans are being prepared, and when complete the work will be done by Day Labor.

Contracts Awarded.

LOS ANGELES, CAL.—Hotel, 3 story and base. Class C construction, \$90,000. Architects, Train & Williams, Exchange Bldg., L. A. Owner, Walter H. Fisher. Contractor Alex Grant, 1201 West 37th street, L. A., general construction only. Note: This contract does not include excavating, foundation work, structural steel, fire escapes, plumbing, heating or automatic sprinklers.

LOS ANGELES, CAL.—Hotel, 3 story and base. Class C construction, \$15,750. Architect, J. B. Nicholson, Wright and Callender Bldg., L. A. Owners, R. J. Dunn and H. J. Coates. Contractor, A. E. Harshman, Black Bldg., L. A. Contract price, \$15,750.

PANAMA - PACIFIC EXPOSITION WORK.

Contracts Awarded.

SAN DIEGO, CAL.—Exposition buildings, frame and plaster construction, \$150,000. Architect, Frederick Heinlein, Lissner Bldg., L. A. Owners, Panama Oriental Co. Contractors, Foss Designing and Building Co., 100 East Colorado street, L. A. Contract price, \$150,000. These buildings will be known as the Oriental City.

POST OFFICES.

BERKELEY, ALAMEDA CO., CAL.—Post office, 2 story and base, brick, concrete and stone, \$150,000. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. The building will cover a ground area of approximately 11,890 square feet, and will be of fireproof construction. The main portion of the building will be two stories high while the rear will be but one story. Interior finish will be of pine and hardwood. There will be steam heat and a vacuum cleaning system. Marble and tile will be used in the corridors. Exterior of the building will be faced with pressed brick, stone and terra cotta. Plans are being figured and bids will be opened on February 18th.

DENVER, COLO.—Post office work, elevator equipment. Cost not stated. Architect, Supervising Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids are now being called for the installation of elevator equipment, including car, grilles and mechanical equipment for the post office building at Denver. Bids will be opened on February 16th. Plans and specifications can be secured from the Supervising Architect at Washington.

HILLO, HAWAII—Post office, 2 story and base, steel and stone. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids opened at Washington, D. C., on January 15th for the construction of this building show the Campbell Building Co., of Salt Lake, low men at \$196,922. Their figures for lava stone are specified, for granite and sandstone and for granite and limestone were all the same. No contract has been awarded. A complete list of all bids for this work will be found under the heading of San Francisco in this issue.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, E. W. Elliott, 1376 Waller street, S. F. The dwelling will be erected on the east side of 41st avenue north of Balboa, and has been designed to contain six rooms and bath. Interior will be finished in pine throughout. There will be some oak floors. Mantels will be of tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with shingles. Plans are complete and in the hands of the owner. Work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owners, Johnson and Johnson, 55-A Devilsadero street, S. F. The house will be erected on the east side of 23rd street north of Irving, and will contain six rooms and bath. Interior finish will be of pine with some elm panels and oak floors. There will be a large open fire place in the living room with a brick mantel. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the

dwelling will be covered with cement plaster on metal lath and rustic. Plans are in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame \$3,500. Architect Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, H. E. Walsh. The dwelling will be erected on Shafter avenue near College, and has been designed to contain seven rooms and bath. Interior finish will be of pine and hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architects, Milwain Bros., Delger Bldg., Oakland. Owner, Frederick A. Allard. The dwelling will be erected in Crocker Highlands, and has been designed for an eight-room house with two baths and sleeping porch. Interior finish will be of pine, hardwood and white enamel. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile and will have composition floors. There will be an automatic water heater. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures will be called for within a few days.

SAN BRUNO, SAN MATEO CO., CAL.—Residence, 2 story and base, frame, \$8,000. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Father W. J. Cantwell. The dwelling will contain twelve rooms, three baths and a sleeping porch. Interior finish will be of pine and hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. A small hall is provided for in the basement. Exterior of the dwelling has been designed in the Mission style to harmonize with the church, and will be covered with cement plaster on metal lath. Plans are being prepared and figures will be called for about the first of February.

SAN FRANCISCO—Residence, 2 story and base, frame, \$7,800. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, John W. Proctor. The dwelling will be erected on the south side of Sea Cliff, west of 25th avenue, and has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be of pine and hardwoods. Oak floors will be used in the principal rooms. Plans provide for furnace heat, a hot water system and open fire places. Mantels will be of brick and tile. Bath rooms will have composition floors and tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, Michael Fauth, 29 Alma street, S. F. The dwelling has been de-

signed for a seven-room house with bath, and will be erected on 26th avenue south of Irving. Interior will be finished in pine and redwood with some hardwood veneer. Oak doors will be used in the living and dining rooms. There will be a large open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

PERKELEY, ALAMEDA CO., CAL.—Bungalows, 3, 1 story and base, frame, \$3,000 each. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley, Owners, Alameda Home Builders. These house will be erected in the central part of the city, and each has been designed to contain six rooms and bath. Interiors will be finished in pine, redwood and some hardwoods. Oak doors will be used in the living rooms, dining rooms and reception halls. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have composition floors and tile wainscot. Automatic water heaters will be installed. Exterior will be covered with cement plaster on metal lath. Plans are being prepared and when complete will be turned over to the owners, who will do the work by Day Labor.

PALO ALTO, SANTA CLARA CO., CAL.—Residence, 2 story and base, frame, \$7,000. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, Prof. Campbell and Prof. Allidie. The house will contain eight rooms, baths and sleeping porch. Interior finish will be of pine and hardwood. There will be furnace heat and open fire places. Mantels will be of brick. Oak floors are specified in several of the rooms. Bath rooms and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. A clay tile roof will be used. Plans are complete and figures are being taken.

SACRAMENTO, CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, none. Owner, E. A. Pierce, 3520 Park Avenue, Sacramento. The house will be erected on the Boxler Tract, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be largely of pine with hardwood veneer in the dining room. Oak doors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SCHOOLS.

SAN FRANCISCO—School, 2 story and base, brick and steel, \$115,000. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owners, City and County of San Francisco. This building, which is to be known as the Cooper School, will be erected at the corner of Jones

and Lombard streets. Plans show sixteen class rooms, and a large assembly hall. Construction will be practically fireproof. Interior finish will be of pine and hardwood with maple floors. There will be steam heat, vacuum cleaning system, program clocks and a modern system of ventilation. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are complete and have been approved by the Board of Education. Bids will be called for by the Board of Public Works within a very short time.

CALIXICO, IMPERIAL CO., CAL.—School, 1 and 2 story, brick or reinforced concrete, \$50,000. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Calixico School District. These architects have just been commissioned to prepare plans for a new high school building which is to be erected in Calixico. Preliminary plans are to be prepared at once and will be submitted to the Board of Education for approval. No details of the work can be given at this time. Further mention will be made when working drawings have been completed.

GLENDORA, LOS ANGELES CO., CAL.—School, 1 story and base, brick. Cost not stated. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Glendora School District. This work was mentioned here before when plans were first started. The working drawings are now complete and figures will be opened on February 2nd. The building will contain a number of standard sized class rooms, principal's office, teachers' rooms and an assembly hall. Plans provide for a central heating system, modern electric work and plumbing. Exterior of the building will be faced with pressed brick. Interior will be finished in pine with some maple floors. Plans can be secured from the architects. Bids will be taken for the general construction, with alternates A, B, C, and D for the plumbing and sewer work with alternates A, B, and C, and for the heating and ventilating.

ARLINGTON, ORE.—School, 1 story and base, brick and concrete, \$15,000. Architect, Charles F. Burgegraf, Albany Owners, City of Arlington. The building will contain six class rooms, teachers' room and principal's office. Construction will be of brick and hollow cement blocks. Interior will be finished in pine. There will be a central heating system. Exterior of the building will be faced with pressed brick. Plans are being prepared and will be ready for bids within a week or ten days.

INGLEWOOD, LOS ANGELES CO., CAL.—School group, 5, 1 and 2 story and base brick buildings, \$150,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Inglewood Union High School District. Bids will be advertised for as soon as the plans are approved by the county superintendent of schools, which will probably be this week. There will be five new buildings consisting of a science hall, two stories 110x73 feet; household economy building, three stories, 110x62 feet; manual arts building, part one and two stories, 18x294 feet; gymnasium, one story, 138x68 feet, with an outdoor swimming pool; and the central heating plant. The build-

ings will be of brick construction with pressed brick facing.

MESA, ARIZONA—School group, 3, 1 and 2 story buildings, brick or reinforced concrete, \$200,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Mesa School District. The School Board at Mesa has been authorized to call a special bond election to vote funds for the construction of three new buildings. Architect Marsh has been commissioned to prepare plans, and he is now at work on the preliminary sketches. Details of these buildings will be furnished as soon as working drawings are under way.

PORTLAND, ORE.—Convent, 3 story and base, concrete and hollow tile construction, \$20,000. Architect, Joseph Jacobberger, Board of Trade Bldg., Portland. Owners, Sisters of the Holy Child. The building will be erected on a corner lot, covering an area of 48 by 102 feet. Interior will be arranged for class rooms, chapel, work rooms and dormitories. Interior finish will be of pine. There will be steam heat and a hot water system. Exterior of the building will be faced with cement plaster. A general contract, including plumbing and heating, will be let. Plans are complete and cut for figures. Bids will be opened on February 1st.

CORVALLIS, ORE.—School, 2 story and base, brick or reinforced concrete, \$60,000. Architects, Doyle & Patterson, Worcester Bldg., Portland. Owners, City of Corvallis. At a joint meeting of the Board of Education and a citizens' committee, the original idea of remodeling the present high school building was discarded, and the architects were instructed to prepare plans for a new building. No details of the structure can be given at this time. Bonds in the amount of \$75,000 will be voted, and all but \$10,000 will be spent in the construction of the building. Further mention will be made of the work.

Contracts Awarded.

FIXLEY, TULARE CO., CAL.—School, 1 story and base, concrete and brick, \$20,000. Architect, H. Y. Davis, Visalia Owners, Fixley School District. Contractors, George A. Noble & Sons, Visalia. Contract price, \$20,000.

SEWERS, STREET WORK AND WATER SYSTEMS.

FORT MASON, CAL.—Sewer system extensions. Cost not stated. Engineer, Constructing Quartermaster's Department, Fort Mason. Owners, United States Government. Plans are complete and figures are now being called for, extending the present sewer system at Fort Mason. Bids will be opened on January 27th. Plans can be secured from the Constructing Quartermaster's office at Fort Mason. An official proposal appears in another column of this issue.

FRESNO, FRESNO CO., CAL.—Storm water sewer system, \$150,000 to \$160,000. Engineer, City Engineer B. E. Cronkite, Fresno. Owners, City of Fresno. The City Engineer is now preparing plans and specifications for an entire new storm water sewer system. It is planned to embrace the entire city. Further mention will be made of the work.

AMITY, ORE.—Water system, \$20,000. Engineer, Louis C. Kelsey, Selling Bldg., Portland, Owners, City of Amity. Only preliminary plans have been prepared, but these show a system embracing the entire town. A concrete power house will be included. Pumping equipment is not included in the estimate of \$20,000. Bonds will be voted on February 2nd, and if they carry work will be started at once.

Contracts Awarded.
BERKELEY, ALAMEDA CO., CAL.—Sewer pipe, reinforced concrete. Cost not stated. Engineer, City Engineer Jessup, Berkeley. Owners, City of Berkeley. Contractor, T. J. Shea. Contract price, \$52,505.40.

LOS ANGELES, CAL.—Tunnel work, \$184,800. Engineer, City Engineering Department, L. A. Owners, City of Los Angeles. Contractor, Lynn S. Atkinson, Central Bldg., L. A. Contract price, \$184,800.

CHEHALIS, WASH.—Municipal Water system, \$161,750. Engineer's name not given. Owners, City of Chehalis. Contractor, W. H. Mitchell, Holland Hotel, Seattle. This contract was originally signed two years ago, but a court decision has only recently been secured in which the right of the City of Chehalis to issue bonds to a contractor in payment of construction was sustained. Mr. Mitchell will start the work at once. He may be addressed at either the hotel named above or in care of the City Clerk at Chehalis.

STORES.

SAN FRANCISCO.—Stores, 1 story and base, reinforced concrete, \$5,000. Architect, A. W. Pattiani, Merchants' Exchange Bldg., S. F. Owner, A. S. McDonald. The building will be erected on Third street, south of Harrison, and will have a frontage of 25 feet and a depth of 77½ feet. Foundations and walls have been designed heavy enough to carry three additional stories. At present there will be one store finished in pine and with a cement floor. Plans show patent store fronts and plate glass windows. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

OAKLAND, CAL.—Stores and offices, 2 story and base, steel and brick. Cost not stated. Architect, William Wilde, Altany Bldg., Oakland. Owner, B. M. Cancianulo. The building will be erected on the west line of Broadway, north of 17th street, and will have a frontage of 25 feet by a depth of 125 feet. There will be two stores on the first floor and a number of modern offices on the upper floor. Interior finish will be of pine and redwood. Metal window sash and frames and patent store fronts are specified. The present plans have been designed with a view to adding five additional stories in the near future. The building will be equipped with steam heat. Exterior will be faced with pressed brick. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Store and theatre, 1 story and base, brick, \$16,500. Architect, A. Lawrence Valk, Stimson Bldg., L. A. Owner, B. Lustig. The building will be erected on Main street, covering an area of 60 by 140 feet, and will contain two stores be-

sides a moving picture theatre. The theatre will have a seating capacity of 800 people. Interior of the building will be finished in pine. There will be a modern system of ventilation in the theatre. Marble base and patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are being prepared.

Contracts Awarded.
STOCKTON, SAN JOAQUIN CO., CAL.—Bank and offices, 10 story and base. Class A construction, \$250,000. Architects, Stone & Wright, San Joaquin Bldg., Stockton. Owners, Commercial and Savings Bank. Contractors, P. J. Walker Co., Monadnock Bldg., S. F., general construction. Contract price, \$250,000.

THEATRES.

TACOMA, WASH.—Theatre, 4 story and base, steel and reinforced concrete, \$100,000. Architect, Max Umbrecht, Seattle. Owner, Eugene Levy, Grand Theatre, Seattle. Mr. Levy has leased the site on the west side of C street, between the Tacoma Theatre and the Pythian Theatre, and will shortly start construction on a fireproof playhouse. No details of the work have yet been announced. Construction will be of reinforced concrete and steel, and it is stated that the house will have a seating capacity of 1200 people. Several stores will occupy the street front. Further mention will be made of the work.

SEALED PROPOSALS.

PROPOSAL FOR NEW JERSEY BUILDING.

SEALED PROPOSALS for the construction of the New Jersey State Building to be erected on the site selected on the grounds of the Panama-Pacific International Exposition at San Francisco, California, from the plans and specifications prepared by the Department of Charities and Corrections, Mr. Hugh Roberts, Consulting Architect, will be received at the office of the State Treasurer, in the State House, at Trenton, New Jersey, at 2 o'clock on the afternoon of **Monday of January, 1914**, when they will be publicly opened and read. Proposals must be submitted sealed in opaque envelopes, addressed to the New Jersey Commission for the Panama-Pacific International Exposition, care of the State Treasurer, and marked "Proposals for the New Jersey Building." Each proposal must be accompanied by cash or a certified check, drawn to the order of the State Treasurer, for 10 per cent of the amount thereof as a guarantee that the bidder will enter into a contract for the performance of the work, should his proposal be accepted, within a reasonable time thereafter. Each bidder must be prepared to furnish an acceptable Surety Bond for one-half the amount of the contract. The right to reject any or all bids is reserved. Plans and specifications may be obtained by application to the Commissioner of Charities and Corrections, State House, Trenton, New Jersey; or to Captain Asher Carter Baker, Exposition Building, San Francisco, Cal. (Signed) C. A. PANCOAST, Secretary.

PROPOSALS FOR CANAL SUPPLIES.
CANAL CIRCULAR X19—Proposals for Four Steel Tugboats for Handling and Docking of Vessels at the Entrances of the Panama Canal.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until **10:30 a. m., March 23, 1914**, at which time they will be opened in public for furnishing the above mentioned tugboats. Blanks and gen-

eral information relating to this circular (No. 819) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps engineers, U. S. A., general purchasing officer.

PROPOSALS FOR CANAL SUPPLIES.
CANAL CIRCULAR X19—Proposals for Forms for Steel Cylinders, Rivets, Bolts, Planished Iron, Bronze Bars, Nails, Shovels, Tool Waste, Manila Rope, Oakum, Unslacked Lime, Lime, Chipped Soap, Putty, Pitch, White Zinc, Turpentine, Japan Drier, Lard Oil, Linsed Oil, Cressote Oil, Paints, Shellac, Varnish, Lambblack, Paper, Cardboard, Untreated Piles, and Cressoted Switch Ties.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until **10:30 a. m., January 27, 1914**, at which time they will be opened in public for purchase of the above mentioned articles. Blanks and general information relating to this circular (No. 820) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps engineers, U. S. A., general purchasing officer.

PROPOSALS FOR HARBOR WORK.
OFFICE OF THE STATE HARBOR COMMISSIONERS. Union Depot and Ferry House, San Francisco.

Sealed proposals or bids will be received at this office at or prior to **11 o'clock a. m., on Thursday, January 22, 1914**, for furnishing materials and constructing Pier No. 46 on the waterfront of the City and County of San Francisco in accordance with the plans and specifications prepared therefor by the Assistant State Engineer and adopted by the Board March 6, 1913, and on file in this office to which special reference is hereby made.

The materials to be used in this work shall consist of the requisite quantities of cressoted piles and green piles (which will be furnished the contractor by the Board), Douglas yellow fir lumber, redwood lumber, cedar lumber, structural steel, castings, rods, bolts, washers, cotter pins, rails and fastenings, roofing and painters' materials, glass, window frames, etc. All materials used must be of the best of their kind and kind as especially specified herein. All materials used in the structure will be subjected to a rigid examination and test, and if defective, undersize, unsuitable or not as specified, will be condemned and must be immediately removed from the work by the contractor at his expense.

No bid will be received unless it is made on a blank form furnished from this office. Each bid shall be accompanied by a certified check for an amount equal to five (5) per cent of the amount of the proposal, to be made payable to the order of the Secretary of the Board, conditioned that if the proposal is accepted and the contract awarded, and if the bidder shall fail or neglect to execute a contract and give the bond required within six days after the award is made, in that case said sum mentioned in said check shall be deemed liquidated damages for such failure and neglect and shall be paid into the San Francisco Harbor Improvement Fund.

The bond required to be not less than one-half of the amount of the bid, with two or more sureties to be approved by the Board of State Harbor Commissioners, and the conditions for the faithful performance by the contractor of all the terms and conditions of said contract according to the true intent and meaning thereof, to the satisfaction of said Board; and said bond shall also be effective as provided in an act approved March 1911, for the protection of material men, mechanics and laborers.

Bids will not be considered by this Board unless the bidder has the Secretary or to the Assistant Secretary at

the office of the Secretary, at or prior to 11 o'clock, on Thursday, January 22, 1914, at which time and place the bids will be opened.

The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Bidders are invited to be present at the opening of the bids.

Plans and specifications of this work to be had at room No. 18, Union Depot and Ferry House, upon depositing \$20.00 for same, which will be returned on return of plans and specifications.

Bidders are requested to mark envelope containing bid "Bid for Pier 16."

J. J. DWYER,

THOMAS S. WILLIAMS,

Board of State Harbor Commissioners.

JEROME NEWMAN,

Asst. State Engineer.

LEO V. MERLE, JR.,

Secretary.

PROPOSALS FOR HEATING AND VENTILATING.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 4th day of February, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The installation of a heating and ventilating system in the City Hall.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works and completed within the time limits as set forth in the specifications.

The amount of bond for faithful performance of contract has been fixed at \$20,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms. The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works. F. J. CHURCHILL, Secretary.

PROPOSALS FOR FILE CASE.

STEEL FILE CASE—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until 2 p. m. on Thursday, January 22, 1914, and then opened for supplying a steel file case for the U. S. post office at Reno, Nev. in accordance with office drawing and specifications. The department reserves the right to reject any or all bids or to waive defects. Telegraphic bids or communications of any kind will not be considered. WETMORE, acting supervising architect.

PROPOSALS FOR PIPE LINE AND OIL BURNERS.

PIPE LINE AND OIL BURNERS—Office Quartermaster, Fort Rosecrans, Cal.—Sealed proposals, in triplicate, will be received at this office until 4 p. m., February 4, 1914, and then opened for extension of oil pipe line and installation of oil burners in officers' quarters; also, all plant to all oil burners. Further information may be obtained by applying at this office. H. A. McCUNE, 1st Lieut., C. A. C. Q. M.

PROPOSALS FOR ELEVATOR.

ELEVATOR—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until 4 p. m., February 16, 1914, and then opened for an elevator plant in the United States post office at Denver, Colo., in accordance with the drawings and specifications, copies of which may be

had at this office or at the office of the architect, Tracy, Swartwout & Litchfield, 244 Fifth Avenue, New York, N. Y., in the discretion of the supervising architect, OSCAR WENDEROTH, Washington, D. C.

PROPOSALS FOR MILE ROCK TUNNEL.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 28th day of January, 1914, for doing the following work to wit:

The construction of the Mile Rock Tunnel.

Said work must be done in accordance with the plans and specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days and completed within three hundred and sixty-five (365) calendar days from the date of the contract to be made and entered into by the City and County.

The amount of the bond for faithful performance has been fixed at \$50,000.00.

All proposals offered shall be accompanied by a check, certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County, for an amount not less than ten per centum of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. F. J. CHURCHILL, Secretary.

PROPOSALS FOR STEEL.

STRUCTURAL STEEL—Sealed proposals are invited for Structural Steel for Five Buildings which will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., February 7, 1914, and then and there publicly opened, for about 1,100 tons of fabricated structural steel, including castings and pipe rods for stairways for five buildings and about 100 tons of steel reinforcing rods. Erection is not included. Plans and specifications are provided by the department, at the bureau. H. R. STANFORD, chief of bureau.

PROPOSALS FOR PUMPS.

PUMPS—Sealed and indorsed "Proposals for Heating System, Fire and Flushing Pumps" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., February 14, 1914, and then and there publicly opened, for furnishing and installing on foundation, provided by the department, in the central power plants, United States navy yards, Mare Island, Cal., and Fugate Island, Wash., two motor-driven fire pumps of 1,000 gallon minute capacity, 400 feet head, and two steam turbine-driven heating system pumps of 100 gallons per minute capacity, 150 pounds per square inch gauge head. Estimated cost, \$14,000. Plans and specifications can be obtained on application to the bureau or to the commandants of the navy yards named, H. R. STANFORD, chief of bureau.

PROPOSALS FOR OIL PIPE LINE.

OIL PIPE LINE AND BURNERS—Office Quartermaster, Fort Rosecrans, Cal.—Sealed proposals, in triplicate, will be received at this office until 4 p. m., February 2, 1914, and then opened for extension of oil pipe line, installation of oil burners, and central oil plant, at this post. Further information obtained by applying this office. H. A. McCUNE, 1st Lieut., C. A. C.

PROPOSALS FOR JAIL EQUIPMENT.

PERSHANT to Institution No. 127 N. S., the Council of the City of Oakland will receive on Thursday, January 22, 1914, proposals or bids, and alternate bids or proposals, for materials, labor and workmanship required for the Plumbing for the Jail in

the City Hall Building in the City of Oakland, California.

All proposals to be made upon and conform to the requirements of the forms of proposals prepared and furnished by the City, through the Architect, and shall be enclosed in sealed envelopes, endorsed "Bid for furnishing all materials, labor and workmanship, with all necessary connection with the Plumbing for the Jail in the City Hall Building," addressed to the Council and deposited by the bidder, or his agent, with said Council, while in session between eleven o'clock a. m. and twelve o'clock noon, Pacific Time, on the 20th day of January, 1914, in the room of the Council in the City Hall, Fourteenth and Washington Streets, Oakland, and at the expiration of the time named the bids will be opened, examined and publicly declared in open session of the Council.

All said materials, labor and workmanship is to consist of that required by and be in accordance with the plans, drawings and specifications prepared therefor and on file in the office of Palmer, Hornbostle & Jones, Architects, at 1111 Broadway, New York, which said plans and specifications reference is hereby made.

The contract for the furnishing of all the labor and material entering into the construction and completion of the said work indicated on the drawings and called for in the specifications, is to be let or awarded as a whole or general contract.

No bid will be received or considered unless it is not accompanied by a check, certified by a responsible bank, payable to the order of Frank M. Smith, City Clerk, in an amount not less than ten per cent (10%) of the aggregate amount of the proposal submitted by the bidder.

All information relative to the requirements of the bidding, and all directions necessary to explain and make definite any of the provisions of the specifications or drawings will be given by the Architect upon application at their office at the City of Oakland. The right is reserved to the Council in accordance with the provisions of the specifications of the City of Oakland, to reject any or all bids submitted.

Each bid shall bear the affidavit of a bidder as required by Section 126 of the Civil Code.

FRANK M. SMITH City Clerk.

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received by the City of Kingsburg, Fresno County, California, until 11 o'clock P. M., January 20th, 1914, for furnishing the material and labor to construct a SANITARY SEWER SYSTEM in and for said City of Kingsburg.

Proposals must be submitted on special Bidding Schedules and be enclosed in special Bidding Envelopes obtained from the City Clerk.

Each proposal must be accompanied by the Architect's bond, or by a Bidder's Bond, with satisfactory surety, for a sum equal to ten (10) per cent of the total amount of the bid.

Bids will be received on three different schedules, to wit:

Schedule "A": The work as a whole.

Schedule "B": Any or all of the requirements of the Sewer Subdividing.

Schedule "C": Any or all of the constructing work.

NOTE.—EACH SCHEDULE REPRESENTS AN INDIVIDUAL BID. ANY MUST BE SUBMITTED IN ITS RESPECTIVE ENVELOPE.

The Plans, Specifications and other documents relating to the work may be seen at the examination of the plans at the office of the City Clerk in Kingsburg, or copies of same may be obtained by prospective bidder, for personal use, upon the payment of Six Dollars and Eighty Cents, (\$6.80).

Bidding Schedules and envelopes will be furnished free of cost to all prospective bidders upon request, provided that the request is accompanied by a statement that the Plans and Specifications, and all documents attached thereto, have been read and explained and fully understood by the prospective bidder. The Board of Trustees of the City of Kingsburg reserves the right to reject any or all bids, or to waive any informality in any or all bids.

THE WORK WILL CONSIST OF

**FURNISHING AND PLACING AP-
PROXIMATELY:**

830 ft. of 12 inch Pipe.
14-2 inch by 6 inch Wye Branches.
4800 ft. of 10 inch Pipe.
98-10 inch by 6 inch Wye Branches.
14-2 inch by 8 inch Pipe.
247-8 inch by 6 inch Wye Branches.
14270 ft. of 6 inch Pipe.
405-6 inch by 6 inch Wye Branches.
20 Automatic Flush Tanks.
35 Manholes.
14 Lampholes.
1 Septic Tank.
10 ft. of 6 inch Fall Pressure Pipe.
Dated at Kingsburg, Cal., Jan. 12, 1914.
H. E. VERBLE,
City Clerk. (*)

NOTICE TO CONTRACTORS.

**OFFICE CONSTRUCTING QUARTER-
MASTER, Fort Mason, Cal., January 12, 1914—SEALED PROPOSALS** in triplicate, for extensions of sewer system at Fort Mason, Cal., will be received here until **11 A. M., January 27, 1914**, and then opened. Plans, specifications, and bank necessary information can be obtained here. Deposit of \$10.00 required to insure return of plans, etc. Envelope containing proposals to be sealed, and marked "sewer system, Fort Mason, Cal.", and addressed to **LIEUT. COL. GEO. McK WILLIAMSON, Q. M. C.** (*)

NOTICE TO CONTRACTORS.

**TREASURY DEPARTMENT, Supervising Architect's Office, Washington, POSALS will be opened in this office at D. C., January 7, 1914—SEALED PRO-
POSALS on February 16, 1914, for the construction (including mechanical equipment and approaches) of a two-story and basement (with a 1-story extension) stone, cream-colored terra cotta and stucco faced building of 11,800 square feet ground area; nonfireproof construction (except first floor); containing and to roof; for the United States post office at Berkeley, Cal. Drawings and specifications may be obtained from the custodian at Berkeley, Cal., or at this office, in the discretion of the Supervising Architect, O. WENDEROOTH, Supervising Architect. (*)**

**PROPOSALS FOR MECHANICAL
EQUIPMENT.**

MECHANICAL EQUIPMENT—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at 3 p. m. February 16, 1914, for the mechanical equipment (except piping and electrical) for the United States post office at Denver, Colo. Drawings and specifications may be obtained on or after January 5, 1914, at this office or at the office of the architects, Tracy, Swartwout & Litchfield, 244 Fifth Avenue, New York, N. Y., in the discretion of the supervising architect, O. WENDEROOTH, supervising architect. (*)

**PROPOSALS FOR STATE HIGHWAY
WORK.**

SEALED proposals will be received at the office of the California Highway Commission, 515 Forum Bldg., Sacramento, Cal., until 2 o'clock P. M., on February 2nd, 1914, at which time they will be publicly opened and read, for the construction of the following special reference is made, portions of State highway as follows:
El Dorado County from El Dorado to Placerville (III-E-D-II-C), about 6 1/2 miles in length, to be built of water-bound macadam.
Tulare County from Traver to the Northernly Boundary (VI-Tul-4-E), about 5 1/2 miles in length, to be built of Portland cement concrete.
Kern County from Lerdo to Famosa (VI-Ker-E), about 8 1/2 miles in length, to be built of Portland cement concrete.
Kern County from Bakersfield to Lerdo (VI-Ker-4-D), about 10 1/2 miles in length, to be built of Portland cement concrete.
San Bernardino County from the Westernly Boundary to Upland (VII-S-BD-9-D), about 1 1/2 miles in length, to be built of Portland cement concrete.

Ventura County from Ventura to Sea Cliff (VII-Ven-2-D & E), about 7 1/2 miles in length, to be built of Portland cement concrete.

San Luis Obispo County from Santa Margarita to Atascadero Creek (V-S-BD-2-C), about 3 1/2 miles in length, to be built of Portland cement concrete.

San Luis Obispo County from Paso Robles to the Northernly Boundary (V-S-BD-2-A), about 10 1/2 miles in length, to be built of Portland cement concrete.

Santa Cruz County from the Easternly Boundary to Glenwood (IV-S-Cr-5-A), about 5 1/2 miles in length, to be graded.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained, at the said office and they may be seen at the offices of the Division Engineers of the divisions in which the work is situated. The Division Engineers' offices are located at Willits, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the envelope of proposals, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

**BURTON A. TOWNE,
CHARLES D. BLANEY,
NEWELL D. DARLINGTON,
California Highway Commission,
AUSTIN B. FLETCHER,
Highway Engineer,
WILSON R. ELLIS, Secretary.
Dated: December 31, 1913.**

**STATE OF CALIFORNIA
DEPARTMENT OF ENGINEERING
CALIFORNIA HIGHWAY COMMISSION**

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Bldg., Sacramento, Cal., until 2 o'clock P. M., on February 2nd, 1914, at which time they will be publicly opened and read, for the construction in accordance with the specifications therefor, to which special reference is made, portions of State highway as follows:

El Dorado County from El Dorado to Placerville (III-E-D-II-C), about 6 1/2 miles in length, to be built of water-bound macadam.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

APARTMENT HOUSE—4 story and base, Class C construction. Cost not stated. San Francisco, Architect. Herman Barth, 12 Geary street, S. F. Owner's name withheld. The building will be erected on California street near Hyde, and will cover a large ground area. Plans show a total of some forty suites arranged in two and three room apartments. Interior will be finished in pine with elm panels and oak floors. There will be steam heat, a hot water system and vacuum cleaning. All suites will have wall beds and private bath rooms. Baths will be finished in tile and will have composition floors. Entrance and vestibule will be finished in marble and tile. Exterior of the house will be faced with pressed brick and terra cotta. Preliminary plans are now being prepared. Further mention will be made of this work.

**APARTMENT HOUSE ALTERA-
TIONS—3 story, frame, \$6,000. San**

Tuolumne County from the Westernly Boundary of Keystone (II-Tuo-13-A), about 10 1/2 miles in length, to be graded.

Tulare County from Traver to the Northernly Boundary (VI-Tul-4-E), about 5 1/2 miles in length, to be built of Portland cement concrete.

Kern County from Lerdo to Famosa (VI-Ker-4-E), about 8 1/2 miles in length, to be built of Portland cement concrete.

Kern County from Bakersfield to Lerdo (VI-Ker-4-D), about 10 1/2 miles in length, to be built of Portland cement concrete.

San Bernardino County from the Westernly Boundary to Upland (VII-S-BD-9-D), about 1 1/2 miles in length, to be built of Portland cement concrete.

Ventura County from Ventura to Sea Cliff (VII-Ven-2-D & E), about 7 1/2 miles in length, to be built of Portland cement concrete.

San Luis Obispo County from Santa Margarita to Atascadero Creek (V-S-BD-2-C), about 3 1/2 miles in length, to be built of Portland cement concrete.

San Luis Obispo County from Paso Robles to the Northernly Boundary (V-S-BD-2-A), about 10 1/2 miles in length, to be built of Portland cement concrete.

Santa Cruz County from the Easternly Boundary to Glenwood (IV-S-Cr-5-A), about 5 1/2 miles in length, to be graded.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained, at the said office and they may be seen at the offices of the Division Engineers of the divisions in which the work is situated. The Division Engineers' offices are located at Willits, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

**BURTON A. TOWNE,
CHAS. D. BLANEY,
NEWELL D. DARLINGTON,
California Highway Commission,
AUSTIN B. FLETCHER,
Highway Engineer,
WILSON R. ELLIS, Secretary.
Dated, December 31, 1913. (*)**

Francisco. Architect. N. W. Sexton, Chronicle Bldg., S. F. Owner, Mrs. C. De Forest. The building on Clayton street north of Haight, now occupied by several flats, will be altered into a modern apartment house structure containing three and five room suites. There will be new interior finish, partitions, plumbing, electric work and heating. All apartments will be equipped with wall beds and will have private bath rooms. Interior finish will be of pine and redwood. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

FIRE HOUSE—2 story and base, brick and concrete, \$60,000. San Francisco. Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owners, City and County of San Francisco. Working drawings for English House No. 12 which is to be erected at the corner of Drumm and Commercial streets, have been completed and have received the approval of the Supervisors.

Figures will be called for at once. The building will contain the apparatus room and stable on the first floor and quarters for the men on the second floor. Interior finish will be of pine and hardwood. There will be cement and tile floors. Plans provide for steam heat, a hot water system and vacuum cleaning. Baths will be equipped with showers. Special plumbing and electric work are called for in the specifications. Exterior of the building will be faced with brick and stone.

COLD STORAGE PLANT—5 story and base. Class B construction, \$60,000. San Francisco. Architect, Edmund Kollofrath, 560 Belvedere street, S. F. Owners, Merchants Ice and Cold Storage Co. The building will be erected at the southeast corner of Montgomery and Lombard streets, covering an area of 98 feet 2 inches by 89 feet. Construction will be of brick and steel with hollow tile partitions and cement floors. There will be elevator service, metal window sash and frames and fireproof doors. A large amount of special machinery will be installed. Exterior of the building will be faced with stock brick. Plans have been completed and received the approval of the owners. Construction will be started as soon as contracts can be let.

FLATS—2 story and base, frame, \$3,500. San Francisco. Architect, none. Owner, John J. Blinet, 68 Ramona avenue, S. F. The building will be erected on the east side of Guerrero street south of 19th, and has been designed to contain two modern flats of five and six rooms. Interiors will be finished in pine with some elm panels and oak floors. There will be open fire places and tile mantels. Bath rooms will have composition floors and tile wainscot. Tile wainscot will also be used in the kitchens. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner, who will do the work by Day Labor. Materials are now being purchased.

SEWER SYSTEM EXTENSIONS—Cost not stated. Fort Mason, Cal. Engineer, Constructing Quartermaster's Department, Fort Mason, Owners, United States Government. Plans are complete and figures are now being called for extending the present sewer system at Fort Mason. Bids will be opened on January 27th. Plans can be secured from the Constructing Quartermaster's office at Fort Mason. An official proposal appears in another column of this issue.

OIL PIPE LINE AND OIL BURNERS—Cost not stated. Fort Rosecrans, Cal. Engineer, Lieut. H. A. McCune, Fort Rosecrans. Owners, United States Government. Bids are now being called for furnishing and installing an oil pipe line and oil burners at Fort Rosecrans. Included in the work is a large central air supply tank for all burners. Plans and specifications can be secured from Lieut. H. A. McCune. An official proposal appears in another column of this issue. Bids will be opened on February 4th.

PUMPS AND MOTORS—\$14,000. Mare Island, Napa Co., Cal. Engineer, Bureau of Yards and Docks, Washington D. C. Owners, United States Govern-

ment. Bids will be opened on February 14th in Washington, D. C., for furnishing and installing on foundations now complete at the central power plant at Mare Island and Puget Sound two motor-driven fire pumps, each of 1,000 gallons per minute capacity, and two steam turbine driven heating system pumps each of 1,000 gallons per minute capacity. Plans can be secured from the commandants of either navy yard. An official proposal appears in another column of this issue.

HOSPITAL—1 story and base, reinforced concrete, \$17,500. San Francisco. Architect, George Colmesnil, Lick Bldg., S. F. Owners, City and County of San Francisco. Plans have been prepared and have received the approval of the Building Committee of the Board of Supervisors for an emergency hospital, which is to be erected in the Potrero District. The building will contain a general office, operating room and two wards. Interior will be finished in pine and tile. There will be a central heating system. Operating room will be equipped in the most modern manner. Exterior of the building will be faced with cement plaster. Plans will shortly be out for figures.

FIRE ALARM STATION—1 and 2 story, concrete and brick, \$40,000. San Francisco. Architect, City Architectural Department, Temporary City Hall, S. F. Owners, City and County of San Francisco. A new building will be erected in Jefferson Square, probably on the site of the old Central Emergency Hospital, which will house the fire alarm equipment and repair department of the city fire department. There will be a general office, several repair shops and storage space. Interior will be finished in pine. There will be steam heat and special wiring. Exterior of the building will be faced with pressed brick. Plans are to be completed at once and figures will be taken by the Board of Public Works.

POST OFFICE WORK—Elevator equipment. Cost not stated. Denver, Colo. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids are now being called for the installation of elevator equipment, including car, grilles and mechanical equipment for the post office building at Denver. Bids will be opened on February 16th. Plans and specifications can be secured from the Supervising Architect at Washington.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, E. W. Elliott, 1376 Waller street, S. F. The dwelling will be erected on the east side of 41st avenue north of Balboa, and has been designed to contain six rooms and bath. Interior will be finished in pine throughout. There will be some oak floors. Mantels will be of tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with shingles. Plans are complete and in the hands of the owner. Work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owners, Johnson and Johnson, 55-A Devisadero street, S. F. The house will be erected on the east side

of 23rd Ave. north of Irving, and will contain six rooms and bath. Interior finish will be of pine with some elm panels and oak floors. There will be a large open fire place in the living room with a brick mantel. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath and rustic. Plans are in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$7,800. San Francisco. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, John W. Proctor. The dwelling will be erected on the south side of Sea Cliff, west of 25th avenue, and has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be of pine and hardwoods. Oak floors will be used in the principal rooms. Plans provide for furnace heat, a hot water system and open fire places. Mantels will be of brick and tile. Bath rooms will have composition floors and tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, Michael E. Fauth, 29 Alma street, S. F. The dwelling has been designed for a seven room house with bath, and will be erected on 26th avenue south of Irving. Interior will be finished in pine and redwood with some hardwood veneer. Oak floors will be used in the living and dining rooms. There will be a large open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner, who will do the work by Day Labor. Materials are now being purchased.

POST OFFICE—2 story and base, steel and stone. Cost not stated. Hilo, Hawaii. Architect, Supervising Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids opened at Washington, D. C., on January 15th for the construction of this building, show the Campbell Building Co. of Salt Lake low men at \$156,922. Their figures for lava stone, as specified, for granite and sandstone and for granite and limestone were all the same. No contract has been awarded. A complete list of all bids for this work will be found under the heading of San Francisco in this issue.

SCHOOL—2 story and base, brick and steel, \$115,000. San Francisco. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owners, City and County of San Francisco. This building, which is to be known as the Cooper School, will be erected at the corner of Jones and Lombard streets. Plans show sixteen class rooms, and a large assembly hall. Construction will be practically fireproof. Interior finish will be of pine and hardwood with maple floors. There will be steam heat, vacuum cleaning system, program clocks and a modern system of ventilation. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are complete and have been ap-

proved by the Board of Education. Bids will be called for by the Board of Public Works within a very short time.

STORES—I story and base, reinforced concrete, \$5,000. San Francisco. Architect, A. W. Pattiani, Merchants' Exchange Bldg., S. F. Owner, A. S. Macdonald. The building will be erected on Third street, south of Harrison, and will have a frontage of 25 feet and a depth of 77½ feet. Foundations and walls have been designed heavy enough to carry three additional stories. At present there will be one store finished in pine and with a cement floor. Plans show patent store fronts and plate glass windows. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

Contracts Awarded.

BASE BALL PARK—Concrete and frame. Cost not stated. San Francisco. Architect, Walter A. Mathews, Oakland. Owners, Recreation Park Association. Contractors, Ward & Goodwin, 981 Guerrero street, S. F., carpentry work only. Contract price not stated.

PIER ADDITION—Timber construction, \$12,766. San Francisco. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Contractors, San Francisco Bridge Co., S. F. Contract price, \$12,766. This work is to be done at Pier No. 25.

City Bids Opened.

Board of Public Works Opens Bids For Plumbing to New City Hall, Lowest Bid From Alex. Coleman.

Bids opened by the San Francisco Board of Public Works at their Wednesday afternoon meeting for furnishing and installing plumbing in the new City Hall show Alex. Coleman low at \$56,553 on proposition A. Two propositions were asked for. Mr. Coleman did not bid on the second. Following is a complete list of the bidders:

Plumbing S. F. City Hall.

	"A"	"B"
John Lettlich	\$58,348	\$
Alex. Coleman	56,553	
Kiernan & O'Brien	63,961	15,515
Turner Co.	62,650	14,650
F. W. Snook & Co.	68,214	15,479
A. Lettlich	58,501	
Scott & Co.	58,600	13,475
Wittman-Lyman & Co	61,940	14,836
Robertson & Lawson	64,920	
Robt. Dalsiel Jr. Co.	59,227	16,927
Peterson-James Co.	66,400	17,907

State Harbor Board Opens Bids For Pier.

Contract For Addition to Pier No. 25 Awarded To The San Francisco Bridge Company for \$12,766.

Bids were opened by the State Board of Harbor Commissioners at their meeting held on Thursday, January 15th, for additions to be made to Pier No. 25, San Francisco water front. The San Francisco Bridge Co. submitted the lowest figure at \$12,766 and were

awarded the contract. Other figures submitted were as follows:

Additions to Pier No. 25.

Thompson Bridge Co.	\$15,029
San Francisco Bridge Co.	12,766
Healy-Thibbitts Constr. Co.	13,423
Hyde-Harjes & Co.	13,188

Figures For Hilo Post Office Opened.

Campbell Building Co. of Salt Lake City Low Men. Several Local Contractors Figure Work.

(By Special Wire)

WASHINGTON, D. C., Jan. 16th—Campbell Building Co. of Salt Lake City, submitted the lowest figure for the construction of the Hilo Federal Building at Hilo, Hawaii. Their figures for lava stone, as specified, and for granite and limestone and granite and sandstone were the same.

Bids were submitted as follows: First, for lava stone; second, for granite and limestone and third, for granite and sandstone. A complete list of the figures follows:

Wire trouble throughout the East has badly interfered with the telegraphic service and delayed the message. In the case of the bid of the Sound Construction & Engineering Co. figures have been transposed and while their bid is not within reach of the low man, may be incorrect as it appears below.

General Construction, Hilo Post Office.

Campbell Building Co., Salt Lake (a) \$156,922; (b) same; (c) same.

Sound Constr. & Engineering Co., Seattle (a) \$279,032; (b) \$251,052; (c) \$241,052.

Lord, Young Engineering Co., Honolulu (a) \$237,500; (b) \$228,470; (c) \$223,700.

Spaulding Constr. Co., S. F. (a) \$237,339; (b) \$241,939; (c) —

Frank Gallagher, S. F. (a) \$239,950; (b) \$247,190; (c) \$242,976.

W. N. Concannon, S. F. (a) \$275,000; (b) \$267,700; (c) —

General Constr. Co., Milwaukee, Wis. (a) \$281,090; (b) \$263,253; (c) \$260,730

Building Contracts Awarded

San Francisco.

No.	Owner	Contractor	Amt.
102	S F Library	Gladding	2200
103	Same	Petersen	9323
104	Henry	Bovyer	2062
105	P F I	McPell	13083
106	Same	McDougall	6330
107	1st A M E Ch.	Johnston	7565
108	Dreyer	Babbs	2567
109	French Am	Herman	1290
110	Western Pac	Healy	1184
111	McCarthy	McKenzie	3500
112	P F I E	Contra Costa	4500
113	Johnson	Johnson	2500
114	New Process Ldy.	Berdahl	500
115	Bell	Bell	750
116	Arminio	Arminio	1750
117	Homole	Tamborini	800
118	Stelger	Pattison	600
119	Nelson	Nelson	2800
120	Zacharatos	Novelsky	500
121	Murray	Murray	1500
122	Allen	Allen	4000
123	Same	Same	4000
124	Cowell	Day	70675
125	Harris	Savage	2600
126	Keffer	Carlson	20475
127	Jacobs	Davis	9750
128	Cal Fruit Can.	Trevia	10500
129	Salmon	Krell	1350
130	P F I E	Pringle	4445

131	Same	Storrie	6300
132	Speckels	Lamson	2333
133	Public Library	Chisholm	5682
134	Same	Lyden	2683
135	Same	Ralston	1263
136	Same	McGivray	15077
137	Meyers	Leigh	2000
138	Same	Same	2000
139	Christensen	Christensen	1000
140	Van Arsdale	O'Neill	1000
141	Summers	Swan	1750
142	Perich	Perich	1600
143	Ivanovich	Bergren	450
144	O'Keefe	Steiner	1500
145	Elliott	Elfort	2500
146	Gail	Polatie	400
147	Casaccio	Tonsoro	500
148	Binet	Binet	3600
149	Mann	Mudrick	450
150	McHugh	Leonard	400
151	Anthony	Kosich	1000
152	Martens	Metze	500
153	Clark	Collins	400
154	Canepo	Caranza	1000
155	Fauth	Fauth	3000
156	Scheube	Scheube	400
157	Ticolet	Ticolet	100
158	Ruth	Gunter	3970
159	159 Gail	Polati	7320

(102) IN RICHMOND DISTRICT. Terra cotta work for Richmond Branch of S. F. Library.

Owner..... Trustees of the Public Library & Reading Rooms.

Architect... Bliss & Faville, Bathua Bldg., San Francisco.

Contractor... Gladding & McBean Co., Crocker Bldg., S. F.

Filed Jan. 12, '14. Dated Jan. 8, '14.

Payments monthly as work progresses of..... 75%
Usual 35 days..... 25%

TOTAL COST, \$2260

Bond, \$1100. Surety, Equality Surety Co. Limit, April 1, 1914. Forfeit, \$10.

Plans and specifications filed.

NOTE:—Job is located W 9th Ave 225 N Geary street.

(103) EXCAVATING, CONCRETE & reinforced concrete on above.

Contractor... H. L. Petersen, 62 Post, San Francisco.

Filed Jan. 13, '14. Dated Jan. 8, '14.

Payments same as above.....

TOTAL COST, \$9323

Bond, \$4666.50. Surety, Aetna Accident & Liability Co. Limit, April 1, 1914.

Forfeit, \$10. Plans and specifications filed.

(104) SW CALIFORNIA AND Buchanan. Reconstruct building damaged by fire.

Owner..... J. H. Henry, 1505 The Alameda, San Jose.

Architect... W. H. Weeks, 75 Post, San Francisco.

Contractor... Boyver & Sons, 2407 California, San Francisco.

Filed Jan. 12, '14. Dated Jan. 2, '14.

As work progresses..... 75%
Usual 35 days..... 25%

TOTAL COST, \$2662

Bond, none. Limit, 35 days. Forfeit, none. Plans and specifications filed.

(105) EXPOSITION SITE. Electric wiring for Machinery Bldg., Education Bldg., Liberal Arts Bldg., Food Products Bldg. and Agricultural Bldg.

Owner..... Panama-Pacific International Exposition Co., Service Bldg., S. F.

Architect... None.

Contractor... The McPell Elec. Co., Royal Ins. Bldg., S. F.

Filed Jan. 12, '14. Dated Jan. 10, '14.

As work progresses..... 75%
Usual 35 days..... 25%

TOTAL COST, \$12,080

Bond, \$9000. Surety, Massachusetts

Bonding & Insurance Co. Limit, May 1, 1914. Forfeit, \$10. Plans and specifications filed.

(106) EXPOSITION SITE. Staff and plaster work for five stations Nos. 2, 3 and 4.
Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.
Architect...None.

Contractor...E. C. McDougall & Co.
Filed Jan. 12, '14. Dated Jan. 8, '14.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$6330

Bond, \$3500. Surety, Maryland Casualty Co. Limit, 60 days. Forfeit, \$10. Plans and specifications filed.

(107) S GEARY 65 E Webster E 72-6 xS 137-6. All work except heating for two-story frame church building.
Owner.....The 1st African Methodist Episcopal Zion Church.
Architect...Wm. J. Wythe, Central Bank Bldg., S. F.
Contractor...Johnston Co.

Filed Jan. 12, '14. Dated Jan. 9, '14.
Frame completed to belfry floor.
Roof sheathing boards on and brick chimney up.....\$1890
Exterior and interior brown coated 1890
Completed 1890
Usual 35 days..... 1890
TOTAL COST, \$7565

Bond, \$3785. Sureties, J. W. Schouten and J. H. McCallum. Limit, 100 days. Forfeit, \$1. Plans and specifications filed.

(108) E SIXTEENTH AVE 100 S Anza S 25 —. All work except finish hardware, shades, gas and electric fixtures, etc., for one and one-half-story and basement frame residence.
Owner.....Viola A. end Wm. H. Dreyer, 467 19th Ave., S. F.
Architect...E. Dahl.
Contractor...Wm. Bahrs, 519 19th Ave., San Francisco.

Filed Jan. 13, '14. Dated Nov. 4, '13.
Frame up\$513.50
Ready for lath..... 513.50
White coated 513.50
Completed and accepted..... 513.50
30 days after..... 513.50
TOTAL COST, \$2567.50

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(109) W TRINITY 68-9 N Sutter W 61-2 1/2 xN 34-4 1/2. Steel lining of new vault and remove 2 vault doors from present position to new vault in 10-story and basement bank bldg.

Owner.....French-American Bank of Savings by P. J. Walker Co. Agents.

Architect...M. C. Couchot, 110 Sutter, San Francisco.

Contractor...The Hermann Safe Co., 120 Folsom, San Francisco.

Filed Jan. 13, '14. Dated Dec. 31, '13.
Payments semi-monthly on 1st and 15th of each month..... 75%
30 days after..... 25%
TOTAL COST, \$1290

Bond, \$645. Surety, Globe Indemnity Co. Limit, as required. Forfeit, none. Plans and specifications filed.

(110) OPP. JUNCTION OF SE BEALE and Brannan. Two mooring piles on S side and 30 fender piles on E side

of pier 24 on Water Front, being located on East Street.

Owner.....Western Pacific Railway Co., Mills Bldg., S. F.

Architect...None.
Contractor...Healy Tibbitts Constr. Co., 9 Main, San Francisco.

Filed Jan. 13, '14. Dated Jan. 12, '14.
On completion 75%
36 days after..... 25%
TOTAL COST, \$1184

Bond, \$595. Surety, Globe Indemnity Co. of New York. Limit, 10 days. Forfeit, none. Plans and specifications filed.

(111) E BUENA VISTA TERRACE 76-3 N 14th N 25xE 86-3. All work except excavation, concrete, painting, gas and electric fixtures, shades, hardwood floors and wall paper for two-story frame residence.

Owner.....Paul A. McCarthy, Call Bldg., San Francisco.

Architect...Edw. T. Foulkes and E. H. Hildebrand, Crocker Bldg., San Francisco.

Contractor...K. H. McKenzie & Co., 2782 McAllister, S. F.

Filed Jan. 13, '14. Dated Jan. 9, '14.
Building framed and roof on.....\$400
Rough plaster on..... 500
Finish plaster on and interior mill work up..... 850
Completed 875
Usual 35 days..... 875
TOTAL COST, \$3500

Bond, none. Limit, 90 days after Jan. 12. Forfeit, none. Plans and specifications filed.

(112) EXPOSITION SITE. Construction and installation of sewers for Ferry Bldg., Garden and Service Road south of Machinery Hall.

Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.

Architect...None.
Contractor...Contra Costa Constr. Co., Sheldon Bldg., S. F.

Filed Jan. 13, '14. Dated Jan. 10, '14.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$4500

Bond, \$3000. Surety, Massachusetts Bonding & Insurance Co. Limit, 60 days. Forfeit, \$10. Plans and specifications filed.

(113) E TWENTY-THIRD AVE 175 N Irving. Two-story and basement frame residence.

Owner.....Johnson & Johnson, 55-A Devisadero, San Francisco.

Architect...None.
Day's work..... COST, \$2500

(114) NO. 327 EIGHTH AD store room and tar and gravel roof.

Owner.....New Process Laundry, 378 Eighth, San Francisco.

Architect...None.
Contractor...Hofmeister & Berdahl, 708 Webster, San Francisco.

Filed Jan. 13, '14. Dated Jan. 10, '14.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$500

Bond, \$3000. Surety, Massachusetts Bonding & Insurance Co. Limit, 60 days. Forfeit, \$10. Plans and specifications filed.

(115) SW ELLIS AN VAN NESS AVE. Alter and repair saloon.

Owner.....Teresa Bell, 198 Laidley, San Francisco.

Architect...Wm. H. Merks, 75 Post, San Francisco.

Day's work..... COST, \$750

(116) SE AMAZON AND MUNICH One-story and basement frame dwlg.

Owner.....G. Arminius, 759 Athens, San Francisco

Architect...None.
Day's work..... COST, \$1750

(117) NO. 1068 LEAVENWORTH. Add four rooms.

Owner.....D. S. Homiole, Premises.

Architect...None.
Contractor...G. Tamborini, 331 Meadow Place, San Francisco.

Cost, \$800

(118) N TREAT AVE 175 S 18th. One story frame chipping shed.

Owner.....Stelger & Kerr, SE Folsom and 18th, San Francisco.

Architect...None.
Contractor...J. Pattison, 2660 Fell, S. F.

Cost, \$600

(119) N ALMA 175 E Cole. Two-story and basement frame residence.

Owner.....P. Algot Nelson, 4333 19th, San Francisco.

Architect...None.
Day's work..... COST, \$2800

(120) NO. 111 O'FARRELL Electric sign

Owner.....P. Zacharatos, Premises.

Architect...None.
Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.

Cost, \$500

(121) W ELEVENTH AVE 100 N Clement. Two-story and basement frame dwelling.

Owner.....Robt. W. Murray, 267 11th Ave., San Francisco.

Architect...None.
Day's work..... COST, \$1500

(122) E EIGHTH AVE 200-6 S Lawton. Two-story and basement frame residence.

Owner.....H. B. and L. D. Allen, 128 Sutter, San Francisco.

Architect...Albert Parr, 68 Post, S. F.

Contractor...Allen & Co., 128 Sutter, San Francisco.

Cost, \$4000

(123) E EIGHTH AVE 284-6 S Lawton. Two-story and basement frame residence.

Owner.....H. B. and L. D. Allen, 128 Sutter, San Francisco.

Architect...Albert Parr, 68 Post, S. F.

Contractor...Allen & Co., 128 Sutter, San Francisco.

Cost, \$4000

(124) INTR NW MARKET & W EAST N to S Commercial W to pt 481-8 from E Drumm S 59-9 E 45-8 N 59-9 E to Market NE to beg. All work for 2-story and basement Class "C" stores and offices.

Owner.....Henry Cowell Lime & Cement Co., 9 Main, S. F.

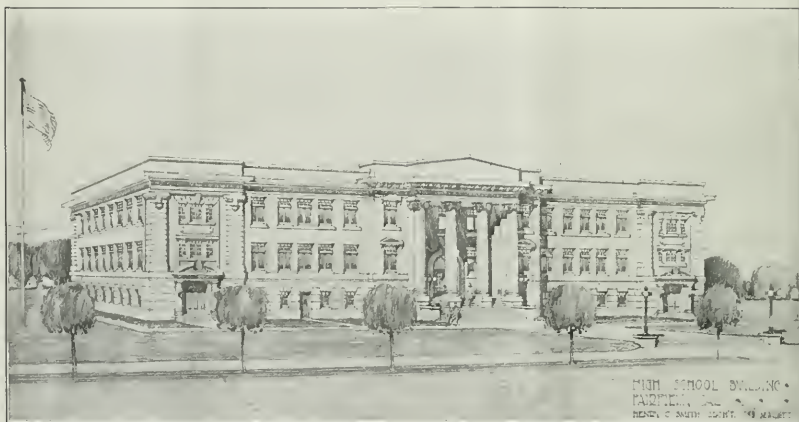
Architect...Henry H. Meyers, 1201 Kahl Bldg., San Francisco.

Contractor...Thomas H. Day's Sons, Sharon Bldg., S. F.

Filed Jan. 14, '14. Dated Jan. 12, '14.
On 10th of each month..... 75%
Usual 35 days, 25%.....\$17,675
TOTAL COST, \$70,675

Bond, none. Limit, 126 days. Forfeit, \$100. Plans and specifications filed.

(125) W THIRTY-FIFTH AVE 28 S Balboa "B" S 25xW 82-6. All work for one and one-half-story frame residence.



UNION HIGH SCHOOL
Fairfield, Cal.

Henry C. Smith, Architect
San Francisco

Building and Industrial News
January 21, 1914

PLATE A



UNION HIGH SCHOOL
Patterson, Cal.

Henry C. Smith, Architect
San Francisco

Owner.....Henry Harris, 537 Scott, San Francisco.
Architect...W. A. Savage (Non-Certified).

Contractor...W. A. Savage, 1222 12th Ave., San Francisco.
Filed Jan. 14, '14. Dated Dec. 17, '13.
Rafters on\$650
Brown coated 650
Finished 650
Usual 35 days..... 650
TOTAL COST, \$2600

Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(126) LOT 62 GIFT MAP NO. 1 being W Wool 200 N Cortland Ave 25x70. All work for one and one-half-story frame cottage.

Owner.....Rose Keeffer.
Architect...None.
Contractor...Gus. Carlson.
Filed Jan. 15, '14. Dated Jan. 14, '14.
Frame up and roof sheathing on.....\$800
Rough plastering on..... 700
Completed and accepted..... 575
TOTAL COST, \$2075

Bond, none. Limit, 80 days after Jan. 15. Forfeit, none. Plans and specifications filed.

(127) N WASHINGTON 75 W Davis N 65 W 44 N 55 W 66 m or 1 S 60 E 6 S 90 E 104 m or 1. All work for one-story Class "C" brick loft building.

Owner.....A. P. Jacobs
Architect...O'Brien Bros., Inc., Clunie Bldg., San Francisco.
Contractor...Thomas E. Davis & Son, 2321 Lake, San Francisco.
Filed Jan. 15, '14. Dated Jan. 9, '14.
1st floor joists set and brick work scaffold high\$1828.50
Brick work ready for rafters 1828.00
Roof on, brick work completed and plumbing roughed in.... 1828.00
Completed and accepted..... 1828.00
Usual 35 days..... 2437.50
TOTAL COST, \$9750.00

Bond, \$4875. Surety, Chicago Bonding & Surety Co. Limit, 45 days. Forfeit, none. Plans and specifications filed.

(128) N BAY 137-6 W Taylor th along Bay 85xN 137-6. All work for two-story frame and corrugated iron wagon shed and stable.

Owner.....California Fruit Cannery Ass'n, 120 Market, S. F.
Architect...Phillip L. Bush, 120 Market San Francisco.
Contractor...Trevia & Pasqualetti, 400 Bay, San Francisco.

Filed Jan. 15, '14. Dated Jan. 14, '14.
Concrete piers and footings in & ground filled to proper level. \$ 750
Frame, including roof in place. 1500
Corrugated iron in place..... 1000
Flooring completed 1000
Completed and accepted..... 3620
36 days after..... 2830
TOTAL COST, \$10,500

Bond, none. Limit, 25 days. Forfeit, \$25. Plans and specifications filed.

(129) SW WEST CLAY AND 26TH Ave. 45x100. All work for three-room frame bungalow.

Owner.....Virena M. Salmon, 125 26th Ave., San Francisco.
Architect...None.
Contractor...H. Krell, 2208 San Pablo Ave., Oakland.

Filed Jan. 15, '14. Dated Jan. 12, '14.
Frame up\$ 250
Bills presented, O K'd by con-

tractor, balance..... 1100
TOTAL COST, \$1350
Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(130) EXPOSITION SITE. The construction and installation of sewers for the Court of Honor.

Owner.....Panama-Pacific International Exposition Co., Service Bldg., San Francisco.
Architect...None.
Contractor...Pringle Dunn & Co., 338 Pine, San Francisco.

Filed Jan. 15, '13. Dated Jan. 10, '14.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$4445

Bond, \$3000. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(131) EXPOSITION SITE. Construction and installation of sewers for the Court of Palms and the Court of Four Seasons.

Owner.....Panama-Pacific International Exposition Co., Service Bldg., San Francisco.
Architect...None.
Contractor...Robert C. Storrle & Co., Oakdale and Quint, S. F.

Filed Jan. 15, '14. Dated Jan. 12, '14.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$6500

Bond, \$3500. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(132) FRONT AND MARKET. Pneumatic tube system for Moore-Watson Dry Goods Company.

Owner.....A. B. Spreckels, 100 Davis, San Francisco.
Architect...G. A. Applegarth, Call Bldg., San Francisco.
Contractor...The Lamson Co., Call Bldg., San Francisco.

Filed Jan. 15, '14. Dated Jan. 5, '14.
On 10th of each month..... 75%
Usual 35 days..... Balance
TOTAL COST, \$2332

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(133) NINTH AVE. bet. Geary and Clement. Carpenter and mill work for library building.

Owner.....Board of Trustees of the Public Library & Reading Rooms of City and County of San Francisco.
Architect...Bills & Paville, Balboa Bldg., San Francisco.
Contractor...R. A. Chisholm, 180 Jessie, San Francisco.

Filed Jan. 16, '13. Dated Jan. 13, '14.
Payments in monthly installments of 75%
Usual 35 days, 25%.....\$1420.50
TOTAL COST, \$5682.00

Bond, \$2841. Surety, The Aetna Accident & Liability Co. Limit, May 1, 1914. Forfeit, \$10. Plans and specifications filed.

(134) LATHING AND PLASTERING on above.

Contractor...Lyden & Bickel, 269 Fell, San Francisco.
Filed Jan. 16, '14. Dated Jan. 13, '14.
Monthly installments of..... 75%
Usual 35 days, 25%.....\$672
TOTAL COST, \$2688

Bond, \$1344. Surety, Fidelity & Deposit Co. of Maryland. Limit, May 1, 1914. Forfeit, \$10. Plans and specifications filed.

(135) STEEL WORK ON ABOVE. Contractor...Ralston Iron Works, 20th and Indiana, S. F.

Filed Jan. 16, '14. Dated Jan. 9, '14.
Monthly installments of..... 75%
Usual 35 days, 25%.....\$317.25
TOTAL COST, \$1269.00

Bond, \$634.50. Surety, The Aetna Accident & Liability Co. Limit, March 1, 1914. Forfeit, \$10. Plans and specifications filed.

(136) STONE WORK ON ABOVE.

Contractor...The McGilvray Stone Co., 7th and Townsend, S. F.
Filed Jan. 16, '14. Dated Jan. 8, '14.
Monthly installments of..... 75%
Usual 35 days, 25%.....\$3769.25
TOTAL COST, \$15,077.00

Bond, \$7550. Sureties, John D. McGilvray and R. Dewar. Limit, April 1, 1914. Forfeit, \$10. Plans and specifications filed.

(137) S ANZA 95 E 18th Ave. Two-story and basement frame dwelling.

Owner.....Nevada W. Meyers, 1960 Pierce, San Francisco.
Architect...None.
Contractor...Leigh & Schultz, 330 8th Ave., San Francisco.
COST, \$2000

(138) S ANZA 95 W 17th Ave. Two-story and basement frame dwelling.

Owner.....Nevada W. Meyers, 1960 Pierce, San Francisco.
Architect...None.
Contractor...Leigh & Schultz, 330 8th Ave., San Francisco.
COST, \$2000

(139) NE PINE & KEARNY. Alter doors and new plumbing.

Owner.....C. Christensen, Pacific nr Kearny, San Francisco.
Architect...Edw. A. Larsen, 702 Merchants' Nat'l. Bank, S. F.
Day's work. COST, \$1000

(140) NE BRANNAN AND FIFTH. Minor repairs to office.

Owner.....Van Arsdale-Harris Co., Premises.
Architect...None.
Contractor...Daniel O'Neill, 278 Natoma, San Francisco.
COST, \$1000

(141) NW EAST AND MISSION. Roof sign.

Owner.....Sommers & Herts, 660 Market, San Francisco.
Architect...None.
Contractor...Swan, The Painter, 756 Folsom, San Francisco.
COST, \$1750

(142) S KANSAS 60 W 20th. One-story and basement frame dwelling.

Owner.....J. Periech, 778 Kansas, San Francisco.
Architect...S. A. Sourich, 788 Shotwell, San Francisco.
Day's work. COST, \$1600

(143) SW DAVIS AND WASHINGTON. Alter store and saloon.

Owner.....Jancovich, Trobrock & Bergren, 203 Washington, San Francisco.

Architect...Faich & Knoll, 715 Hearst Bldg., San Francisco.
Day's work.....COST, \$450

(144) NO. 2702 POST. Move and repair store and flats.
Owner.....Mary O'Keefe, Premises.
Architect...None.
Contractor...S. J. Sterner, 125 4th Ave., San Francisco.
COST, \$1500

(145) E FORTY-FIRST AVE 98-9 N Balboa. Two-story and basement frame residence.
Owner.....E. W. Elliott, 1378 Waller, San Francisco.
Architect...None.
Day's work.....COST, \$2500

(146) NO. 1032 LOMBARD. Move dwelling.
Owner.....Frank Galii, 1444 Polk, San Francisco.
Architect...None.
Contractor...G. Polatie & Co., 2327 Greenwich, San Francisco.
COST, \$400

(147) NOS. 357-59 GRANT AVE. New front.
Owner.....Julius Casaccio, Premises.
Architect...None.
Contractor...John Tonsero, Stark near Broadway, San Francisco.
COST, \$500

(148) E GUERRERO 85 S 19th. Two-story and basement frame (2) flats.
Owner.....John J. Binet Co., 68 Ramona Ave., San Francisco.
Architect...None.
Day's work.....COST, \$3500

(149) CARROLL AVE AND QUINT. Raise dwelling and add rooms.
Owner.....M. Mann, Premises.
Architect...None.
Contractor...L. Mudrick, 65 Girard, San Francisco.
COST, \$450

(150) NO. 3908 CLAY. Erect porch.
Owner.....Peter McHugh, Premises.
Architect...None.
Contractor...Peter M. Leonard, 1247 45th Ave., San Francisco.
COST, \$400

(151) NO. 25 SIXTH. Repair restaurant.
Owner.....John Aulich, 58 Langton, San Francisco.
Architect...None.
Contractor...J. Kusich, 1483 Vallejo, San Francisco.
COST, \$1000

(152) NO. 1572 HAIGHT. Brick bake oven.
Owner.....Herman Martens, 1923 Turk, San Francisco.
Architect...None.
Contractor...Paul Metz, 2129 Roosevelt Ave., Berkeley.
COST, \$500

(153) NO. 2657 MISSION. Erect area walls and rat proof market.
Owner.....Mrs. Clark, 810 Douglas, San Francisco.
Architect...None.
Contractor...Collins & Burnett, 3319 22nd, San Francisco.
COST, \$400

(154) NO. 1016 SHOTWELL. Minor repairs to flats.
Owner.....Emil Canepo, 2538 Mission, San Francisco.
Architect...None.
Contractor...G. Caranza, 374 Shotwell, San Francisco.
COST, \$1000

(155) E TWENTY-SIXTH AVE 200 S Irving. Three-story and basement frame residence.
Owner.....Michael Fauth, 29 Alma, San Francisco.
Architect...None.
Day's work.....COST, \$3000

(156) NOS. 3005-3007 SIXTEENTH. Alter front.
Owner.....Scheubert Bros., 16th and Mission, San Francisco.
Architect...W. Coffey, 137 31st Ave., San Francisco.
Day's work.....COST, \$400

(157) SE LISBON 75 W Peru. One-story and basement frame dwelling.
Owner.....Louis Ticolet, 53 Silver Ave., San Francisco.
Architect...None.
Day's work.....COST, \$1000

(158) LOT 5 BLK 4 ST. FRANCIS Wood Tract. All work for three-story frame residence.
Owner.....J. M. Ruth, 840 Van Ness Ave., San Francisco.
Architect...Cook, La Motte Co., Inc., Rialto Bldg., S. F.
Contractor...R. L. Gunter, J. O. Hunter and F. A. Lehre.

Filed Jan. 17, '14. Dated Jan. 16, '14.
Frame up\$92 50
Brown coat plaster inside and building enclosed 92 50
Completed & completion filed 92 50
Usual 35 days 92 50
TOTAL COST, \$3970 00
Bond, \$2000. Surety, American Surety Co. of New York. Limit, 90 days. Forfeited, none. Plans and specifications filed.

(159) N LOMBARD 126-6 1/2 E Octavia E 25xN 137-6. Moving, raising and altering present bungalow to rear of lot and all work for erecting new 3-story and basement and garage frame flats.
Owner.....Frank P. Galii, 1444 Polk, San Francisco.
Architect...A. Franchina, 6 Imperial, San Francisco.
Contractor...G. Polati & Co., 2327 Greenwich, San Francisco.

Filed Jan. 17, '14. Dated Jan. 13, '14.
Roof on and frame completed.....\$1830
Brown coated 1830
Completed and accepted..... 1830
Usual 35 days 1830
TOTAL COST, \$7320
Bond, \$3660. Sureties, A. Graviotto and B. Cadamartoni. Limit, 90 days. Forfeited, \$5. Plans and specifications filed.

INCORPORATIONS.

The Schwartz. Capital Stock, \$2000; subscribed, \$3; shares, \$1 each. Directors—J. P. Sweeney, J. P. Lucy and B. Hastings, 1 share each. Place of business, San Francisco.
Natoma Warehouses. Capital Stock, \$50,000; subscribed, \$30; shares, \$10 each. Directors—W. B. Ryder, F. E. Farmer, C. F. McNamara, 1 share each. Place of business, San Francisco.

C. J. Berry Dredging Co. Capital Stock, \$1,200,000; subscribed, \$1,200,000; shares, \$1 each. Directors—C. J. Berry, 474,000 shares; C. Lamb, 175,000 shares; N. Leek, 100,000 shares; D. S. Ewing, 1000 shares and E. J. Jensen, 450,000 shares. Place of business, San Francisco.

National Asbestos Co. Capital Stock, \$500,000; subscribed, \$3; shares, \$1 each. Directors—A. A. Cavagnaro, A. Dominguez, F. A. Cavagnaro, 1 share each. Place of business, San Francisco.

Underwriters Report. Capital Stock \$10,000; subscribed, \$30; shares, \$10 each. Directors—E. H. Fontecillo, C. E. Davis, G. E. Tucksew, 1 share each. Place of business, San Francisco.

Swiss Italian Grocery Co. Capital Stock, \$10,000; subscribed, \$30; shares, \$10 each. Directors—S. Minetti, L. Bertolotto, E. Pinelri, 1 share each. Place of business, San Francisco.

NOTICE OF NON-RESPONSIBILITY.

Jan. 13, 1914—N POST 153 W Laguna W 25xN 137-6. Doratha Killian and Johanna Girardin as to improvements on leased property....

NOTICE OF NON-RESPONSIBILITY.

Jan. 16, 1914—S POST 192-11 E Laguna E 25-10xS 120. Leo J and E Hirth as to improvements on leased property

FEES COLLECTED FOR BUILDING PERMITS FOR YEAR 1913.

Fees as collected by the Bureau of Building Inspection of the Board of Public Works for the year 1913 are as follows:

January	\$ 2,688.00
February	2,130.40
March	2,829.60
April	3,434.40
May	2,602.50
June	2,533.20
July	2,361.60
August	2,696.00
September	1,899.60
October	1,848.40
November	1,918.00
December	2,130.40

Total\$29,072.40

FIRE COMMITTEE PERMITS.

The Board of Supervisor has acted favorably on the recommendations of the Fire Committee and has granted permits as follows:

Public Garage—Arthur Meyners, on the east side of Third street, 75 feet south of Townsend street; also to store 200 gallons of gasoline.

Oil Storage Tank—Paul J. Stuparich, at 2026 Hyde street, 2000 gallons capacity; French American Bank of Savings, at northwest corner of Sutter street and Trinity place 1500 gallons capacity; N. Ahrens, on north side of Berry place, 167 feet 6 inches east of Grant avenue, 1500 gallons capacity; M. S. Show, on north side of Bush street, 172 feet west of Hyde street, 1500 gallons capacity.

Roller—John F. Snow Company, 5 horsepower, at 68 Julian avenue, to be used in furnishing power for cleaning and dyeing work.

COMPLETION NOTICES.

San Francisco.

Jan. 10, 1914—SW SACRAMENTO & Devisadero W 116xS 26-7. Jungblut Estate Co to Chas Hoek.....
 Dec. 31, 1914
 Jan. 10, 1914—W GOUGH 60 S Oak S 30xW 87-6. D H and M A Edwards Co to Ed Zinkand and H Zinkand.....
 Jan. 8, 1914
 Jan. 10, 1914—SE FOLSOM 100 SW Fifth SW 50xSE 90. Emmeline L Fates to Nichols & Handley.....
 Jan. 9, 1914
 Jan. 10 1914—LARKIN NOS. 1629, 1631 and 1633. D J A O'Keefe to Theo S Hoin.....
 Jan. 9, 1914
 Jan. 10, 1914—NW POST AND SCOTT N 165 W 192-6 S 55 E 55 S 110 E 137-6. Mount Zion Hospital to John G Sutton Co.....
 Jan. 5, 1914
 Jan. 10, 1914—LOT 6 BLK 11 St. Francis Wood. Westgate Park Co to John M Bartlett.....
 Jan. 8, 1914
 Jan. 12, 1914—S GREEN 189-6 W Taylor W 45-6xS 137-6. Linda Cadwalader Avenall to Collman & Collman.....
 Jan. 4, 1914
 Jan. 12, 1914—W FOLSOM 25 S 17th S 75xW 100. Joseph Sackolov to whom it may concern.....
 Jan. 9, 1914
 Jan. 12, 1914—NE SUTTER & SANsome. Anglo California Trust Co to American Marble & Mosaic Co.....
 Jan. 10, 1914
 Jan. 13, 1914—W SECOND AVE 110 S Hugo S 25xW 120. Jeremiah L and Mary E Murphy to Oscar W Thunberg.....
 Jan. 13, 1914
 Jan. 13, 1914—NOS 10, 12, 14 EDDY N. line bet. Powell and Mason. Gerassimos P Agliandrites to whom it may concern.....
 Jan. 11, 1914
 Jan. 14, 1914—E EIGHTH AVE 70 S California S 30x E 32-6. Bertha and Esther Salomon to O E Anderson.....
 Jan. 8, 1914
 Jan. 14, 1914—S FULTON 82-6 E Gough. Ferdinand Mertens to Ratto & Glanville.....
 Jan. 14, 1914
 Jan. 14, 1914—NW VALLEJO AND Jones 27-6x70. C G Scaparoni to J Del Favero and M Legrand.....
 Jan. 14, 1914
 Jan. 14, 1914—NE BROADWAY AND Churchill Alley 48-9 on Broadway x 105-6 on Churchill Alley. L R Toso to G Caranza.....
 Jan. 14, 1914
 Jan. 14, 1914—NE BROADWAY AND Churchill Alley 48-9 on Broadway x 105-6 on Churchill Alley. L and R Toso to Herbert L Mollis. Jan. 14, 1914
 Jan. 14, 1914—W DEVISADERO 125 N McAllister N 25xW 125. Santa D Egberg to J Prout.....
 Jan. 14, 1914
 Jan. 14, 1914—NW VAN NESS AVE and Geary N 275xW 157-6. Van Ness Realty Co (Lessee), to James S Sampson.....
 Jan. 12, 1914

LIENS FILED

San Francisco.

Jan. 9, 1914—E EIGHTH AVE 250 S Lake S 25x E 120. Peck & Draper vs Jas Denny.....\$154
 Jan. 10, 1914—W FOURTEENTH AVE 100 N Geary (Pl. Lobos Ave.) N 50 xW 127-6. Gas & Elec Appl Co vs Dr R P Beamer.....\$165
 Jan. 13, 1914—SE PINE & POWELL. E 63-6xS 60. Donald Mowat vs

J H Bohlig and Geo H Stoffels.....\$4010.13
 Jan. 13, 1914—SE PINE & POWELL. E 63-9xS 60. J P Lorden Mill Co vs J H Bohlig and Geo H Stoffels.....\$4679.48
 Jan. 14, 1914—N GEARY 138 E Van Ness Ave E 26xN 120. J K Stewart vs M M Finlayson and James P Sweeney.....\$44
 Jan. 14, 1914—S POST 137-6 W Mason W 68-9xS 137-5. Thomas J Guilfooy (as Guilfooy Cornice Wks) vs Florence A Browne.....\$1,000
 Jan. 15, 1914—W FOURTEENTH AV 100 N Geary N 50xW 127-6. Western Bldrs' Supply Co vs R F Beamer and Louis Helper.....\$31.52
 Jan. 16, 1914—N GEARY 138 E Van Ness Ave E 26xN 120. Vincenzo Fassio vs James P Sweeney and M M Finlayson.....\$276
 Jan. 16, 1914—SW POWELL AND Broadway W 100xS 92-6. Healy Tibbitts Constr Co vs Jacob Surface, C A Jeffers and T Loncona (as Latin Constr Co).....\$88.20
 Jan. 16, 1914—SE PINE & POWELL. E 63-9xS 60. Boscus Bros vs John H Bohlig and Geo H Stoffels.....\$2417

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE—5 story and base. Class C construction, \$50,000. Berkeley, Alameda Co., Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owners, Cohn Bros. The building will be erected on a large corner lot in Berkeley, and has been designed for suites of two and three rooms. Interior will be finished in pine and elm panels with some hardwood floors. There will be steam heat, elevator service and vacuum cleaning. Bath rooms will have composition floors and tile wainscot. Entrance will be finished in marble and tile. All suites will be equipped with wall beds and private bath rooms. Exterior of the building will be faced with pressed brick. Preliminary plans have been approved and the architect is now engaged on the working drawings.

FACTORY—1 story, reinforced concrete, \$15,000. Emeryville, Alameda Co., Cal. Architect, none. Owners, California Pickle and Sauce Co., 133 Myrtle street, Oakland. The building will cover a ground area of 125 by 140 feet and will be practically fireproof throughout. Interior will be finished in pine with cement floor. Some tile wainscot will be used. There will be a steam plant and special machinery. Exterior of the building will be faced with cement plaster. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

LODGE HALL—3 or 4 story and base, brick and steel, \$40,000. Oakland, Cal. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owners, Sons of St. George. The building will be erected at the corner of 26th and San Pablo streets and will cover a considerable ground area. There will be stores on the first floor and lodge rooms above. Interior of the upper floors will be finished in hardwoods and pine. Maple floors will be used in the banquet hall and ball rooms. Plans provide for steam heat, a vacuum cleaning system and patent store fronts. Marble base and en-

trance vestibule will be used. Exterior of the building will be faced with pressed brick. Plans are being prepared.

POST OFFICE—2 story and base, brick, concrete and stone, \$150,000. Berkeley, Alameda Co., Cal. Architect Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. The building will cover a ground area of approximately 11,800 square feet, and will be of fireproof construction. The main portion of the building will be two stories high, while the rear will be but one story. Interior finish will be of pine and hardwood. There will be steam heat and a vacuum cleaning system. Marble and tile will be used in the corridors. Exterior of the building will be faced with pressed brick, stone and terra cotta. Plans are being figured and bids will be opened on February 18.

RESIDENCE—2 story and base, frame, \$3,500. Oakland, Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, H. E. Walsh. The dwelling will be erected on Shafter avenue near College, and has been designed to contain seven rooms and bath. Interior finish will be of pine and hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. The wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE—2 story and base, frame. Cost not stated. Oakland, Cal. Architects, Milwain Bros., Delger Bldg., Oakland. Owner, Frederick A. Allardt. The dwelling will be erected in Crocker Highlands, and has been designed for an eight-room house with two baths and sleeping porch. Interior finish will be of pine, hardwood and white enamel. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile and will have composition floors. There will be an automatic water heater. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures will be called for within a few days.

BUNGALOWS—3, 1 story and base, frame, \$3,000 each. Berkeley, Alameda Co., Cal. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, Alameda Home Builders. These houses will be erected in the central part of the city and each has been designed to contain six rooms and bath. Interiors will be finished in pine, redwood and some hardwoods. Oak floors will be used in the living rooms, dining rooms and reception halls. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have composition floors and tile wainscot. Automatic water heaters will be installed. Exterior will be covered with cement plaster on metal lath. Plans are being prepared and when complete will be turned over to the owners, who will do the work by Day Labor.

CHURCH—1 story, frame, \$10,000. Berkeley, Alameda Co., Cal. Architect,

W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, St. Peters Parish. The building will be erected on Rock Ridge Road, and has been designed in the Mission style. Interior will be arranged for a main auditorium, seating 250 people, and Sunday school rooms. Pine and redwood will be used in the finish. Plans provide for a hot air system of heating. Art glass will also be used. Exterior of the building will be covered with cement plaster. Plans are complete and figures are now being taken.

STORES AND OFFICES—2 story and base, steel and brick. Cost not stated. Oakland, Cal. Architect, William Wilde, Albany Bldg., Oakland. Owner, B. M. Cianciarulo. The building will be erected on the west line of Broadway, north of 17th street, and will have a frontage of 25 feet by a depth of 125 feet. There will be two stores on the first floor and a number of modern offices on the upper floor. Interior finish will be of pine and reowood. Metal window sash and frames and patent store fronts are specified. The present plans have been designed with a view to adding five additional stories in the near future. The building will be equipped with steam heat. Exterior will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

SEWER PIPE—Reinforced concrete. Cost not stated. Berkeley, Alameda Co., Cal. Engineer, City Engineer Jessup. Berkeley. Owners, City of Berkeley. Contractor, T. J. Shea. Contract price, \$52,595.40.

Annual Meeting Of Oakland Exchange.

This Year's Social Event Following Election of Officers Proves a Big Success, Enjoyed by all.

Saturday night the Oakland Builders' Exchange held their annual meeting, followed by a very enjoyable evening of music and speeches. At the meeting the following men were elected to serve as Directors for the coming year: J. F. Dingwell, Wm. Makin, T. D. Sexton, John Howard Jr., C. G. Chipchase, Robert Swan, Ed. Hunt, O. A. Edwall, Geo. Lelter, M. E. Whitmore and J. B. Cruz.

The committee in charge of the evening's festivities were, O. A. Edwall, T. D. Sexton and Wm. Makin and they were the recipients of many congratulations for the program they provided.

The secretary, P. F. Bradhoff, acted as toastmaster and gave a short talk on working together for the continued upbuilding of the Exchange, and showed how the members would be benefited if they would remember that there is always two sides to any question.

The members were then favored with vocal selections by Frank Oates, Wm. Makin, Mr. Young, James Pedgrift, Tony Galardin and "Nigger" Wilson, whose dialect songs were a great hit. Speeches were made by Robert Knox, Honorary Member; James Pedgrift, Past President of the Exchange, and

Charles Downey. After a recess, during which the members partook of refreshments, a troupe from the Gaiety Theatre sang, danced and gave monologues.

Altogether it was a huge success and the affair will long linger in the minds of the members as one of the most enjoyable evenings they ever spent.

Building Contracts Awarded

Oakland.

No.	Owner	Contractor	Amt.
60	Lee	Bush	400
61	Black	Black	1500
62	Hover	Hover	1500
63	Elrod	McCreary	400
64	Bush	Bullock	1000
65	Kessing	Kessing	600
66	Pfrang	Pfrang	2500
67	Same	Same	2500
68	Zeppi	Campomenosi	1000
69	Dadone	Dadone	1600
70	Enke	Enke	400
71	Elis. Wkrs	Taylor	7050
72	Fimentel	Brown	700
73	Nelson	Nelson	1000
75	Jordan	Wotkyns	8000
76	Gualico	Sydes	2000
77	Bolts	Bolts	2000
78	Milesch	Thomas	500
79	Knox	Knox	450
80	Newman	Wilkinson	2500
81	Peterson	Peterson	400
82	Cirelli	Amoroso	5100
86	Fitch	Anderson	3500
87	Skee	Skee	3750
92	Kahn	Corbett	400
93	Dowdell	Silva	5000
94	Alfarno	Alfarno	400
95	Thompson	Koski	400
96	Holland	Spence	1900
97	Lewis	Nichol	1475
98	Smith	McKallor	2250
100	Bisard	Wieben	2400
101	Dalton	Dalton	400
102	Settles	Settles	2000
103	Scott	Scott	2200
105	Dougherty	Christ	1000
106	Cirelli	Amoroso	5100
107	Schroder	Madden	500
108	Hagar	Peterson	8300

(66) NO. 2861 VALLECITO PLACE, Oakland. Alterations. Owner.....Mrs. C. D. Lee, Premises. Architect...None. Contractor, J. J. Bush, 1676 Miami Court, Oakland. COST, \$490

(61) 11 EIGHTY-SECOND AVE 230 N Blanch, Oakland. One-story 5-room dwelling. Owner.....H. G. Black, 215 Joaquin Ave. San Leandro. Architect...None. Day's work. COST, \$1500

(62) W 106TH AVE 80 N Voltair Ave., Oakland. One-story 4 room dwlg. Owner.....G. E. Hover 1451 73d Ave., Oakland. Architect...None. Day's work. COST, \$1500

(63) NO. 1756 BROADWAY, Oakland. Alterations. Owner.....J. R. Elrod, San Jose. Architect...None. Contractor, McCreary & Sampson, 6566 Wheeler, Oakland. COST, \$400

(64) NO. 2225 SANTA RITA, Oakland. Finish cottage. Owner.....H. M. Bush, 1706 8th, Okd. Architect...None. Contractor, O. M. Bullock 1952 Broadway, Oakland-1 COST, \$1000

(65) NO. 1928 WEST, Oakland. Alterations. Owner.....J. J. Kessing, Premises. Architect...None. Day's work. COST, \$500

(66) E DOVER 35 S 57th, Oakland. One-story 5-room dwelling. Owner.....H. C. Pfrang, 5359 Shafter Ave., Oakland. Architect...None. Day's work. COST, \$2500

(67) SE FIFTY-SEVENTH & DOVER, Oakland. One-story 5-room dwlg. Owner.....H. C. Pfrang, 5359 Shafter Ave., Oakland. Architect...None. Day's work. COST, \$2500

(68) NO. 4835 SHAFER AVE (rear), Oakland. One-story 4-room dwlg. Owner.....John Zeppi, Premises. Architect...None. Contractor, E. Campomenosi, 5174 Miles Ave., Oakland. COST, \$1000

(69) S McADAN 262 E Broadway, Oakland. Two-story 6-room dwlg. Owner.....Michel Dadone, 310 49th, Oakland. Architect...None. Day's work. COST, \$1600

(70) N E-TWENTY-EIGHTH 200 E 13th Ave., Oakland. One-story three-room dwelling. Owner.....Florence M. Enke, 1346 E-28th, Oakland. Architect...None. Day's work. COST, \$400

(71) NO. 470 TWELFTH, Oakland. Alterations. Owner.....I. B. of Elec. Workers, Redmen's Hall, Oakland. Architect...None. Contractor, G. Taylor, 473 Oakland Ave. Oakland. COST, \$1050

(72) NO. 1733 E-SIXTEENTH, Oakland. Alterations. Owner.....J. Pimentel, Premises. Architect...None. Contractor, M. Brown, 1922 E-14th, Oakland. COST, \$700

(73) S BRYAN 300 W Peralta Ave., Oakland. One-story 5-room dwlg. Owner.....M. Nelson, 3325 Bryan, Oakland. Architect...None. Day's work. COST, \$1000

(75) N HILLGIRT CIRCLE N Haddon Hill, Oakland. Two-story 8-room dwelling. Owner.....Mrs. J. C. Jordan, 51 Commonwealth Ave., S. F. Architect...Leonard A Cooke, Pasadena. Contractor, B. M. Wotkyns, Pasadena. COST, \$8000

(76) E PRINCETON 70 S Fairfax, Oakland. One-story 5-room dwlg. Owner.....Jas. C Gualco. Architect...None. Contractor, H. F. Sydes, 4079 Boulevard, Oakland. COST, \$2000

(77) S HARPER COURT 155 W 35th Ave., Oakland. One-story 5-room dwelling.

owner.....M. C. Bolts, 3116 Central Ave., Alameda.
Architect...None.
Day's work. COST, \$2000

(78) NOS. 467-469 ELEVENTH, Oakland. Alterations.
Owner.....Millesch & Clrchum, Prem.
Architect...None.
Contractor...A. Thomson, 2766 Grove, Oakland.
COST, \$500

(79) NO. 1127 CENTER, Oakland. Repairs.
Owner.....Robt. Knox, 1216 Cypress Oakland.
Architect...None.
Day's work. COST, \$450

(80) E THOMAS 135 N Broadway Terrace, Oakland. One and one-half story 7-room dwelling.
Owner.....Newman & Wilkinson, 1748 Broadway, Oakland.
Architect...Claude B. Barton, Security Bank Bldg., Oakland.
Day's work. COST, \$2500

(81) S THIRTY-THIRD, bet. Grove and Telegraph Ave., Oakland. Shed.
Owner.....J. C. Peterson & Son, 1141 Folsom, San Francisco.
Architect...None.
Day's work. COST, \$400

(82) E GROVE 50 S Sixth, Oakland. Two-story 10-room apartments.
Owner.....P. Cirelli, 402 Union, S. F.
Architect...None.
Contractor...F. C. Amoroso, 1246 Kearny, San Francisco.
COST, \$5100

(86) N LAWTON AVE 125 E Gray, Oakland. Two-story 7-room dwlg.
Owner.....L. J. Fitch, 21st Ave and E-22nd, Oakland.
Architect...W. A. Newman, Hewes Bldg., San Francisco.
Contractor...T. Anderson & Son, 6046 Lawton Ave. Oakland.
COST, \$3500

(87) W TENTH AVE 120 N E-20th, Oakland. Two-story 8-room dwlg.
Owner.....A. Y. Skee, 2011 10th Ave., Oakland.
Architect...None.
Day's work. COST, \$2750

(92) NO. 472 TWELFTH, Oakland Alterations.
Owner.....Kahn Bros., 1580 Broadway, Oakland.
Architect...None.
Contractor...Corbett & Bayless, 1110 Franklin, Oakland.
COST, \$400

(93) E CERRITO AVE 130 S 40th, Oakland. Two-story 10-room apartments.
Owner.....Thos. Dowdell, Rm 8, 1527 Broadway, Oakland.
Architect...A. Yerrick, Blake Bldg., Oakland.
Contractor...J. P. Silva, Oakland.
COST, \$5000

(94) NO. 815 AFGAR, Oakland. Alterations.
Owner.....G. B. Alfaro, Premises.
Architect...None.
Day's work. COST, \$400

(95) SE PALOMA AND LERIDA AVE. Oakland. Alterations.
Owner.....M. Thompson, Premises.
Architect...None.
Contractor...Matt Koski, 36 Ramona, Oakland.
COST, \$400

(96) NE FORTY-FIFTH & BROADWAY, Oakland. Alterations.
Owner.....A. P. Holland, 13th and Franklin, Oakland.
Architect...None.
Contractor...A. T. Spence 641 Taylor Ave., Alameda.
COST, \$1900

(97) S PLYMOUTH 200 E 92nd Ave., Oakland. One-story 3-room dwlg.
Owner.....J. P. Lewis, Elmhurst.
Architect...None.
Contractor...H. J. Nichol, 1325 93rd Ave. Oakland.
COST, \$1475

(98) E EVERETT 775 S Hampel, Oakland. One-story 5-room dwelling.
Owner.....C. F. Smith, 3223 Nicol Ave. Oakland.
Architect...None.
Contractor...H. T. McKallor, 3336 Kansas, Oakland
COST, \$2250

(100) NW FORTIETH AVE & CAR-
rington, Oakland. Two-story 9-room flats and store.
Owner.....S. C. Bisgaré, 1140 E 15th Oakland.
Architect...None.
Contractor...Alex C. Wieben, 2010 38th Ave., Oakland
COST, \$3400

(101) BROOKSIDE AVE., Oakland. One-story 3-room garage.
Owner.....Frank N. Dalton, 9th and Cedar, Oakland.
Architect...None.
Day's work. COST, \$400

(102) N WALNUT AVE 80 W Renwick Ave., Oakland. One-story 6-room dwelling.
Owner.....J. E. Settles, 1544 Broadway, Oakland.
Architect...None.
Day's work. COST, \$2000

(103) N RICH 260 W Webster, Oakland. One-story 6-room dwelling.
Owner.....A. Scott, 510 Battery, San Francisco.
Architect...L. G. Geary, 5352 Locksley Ave., Oakland
Day's work. COST, \$2200

(105) FOUR MILES FM PLEASANTON Pleasanton Tp. Painting for two-story dwelling.
Owner.....J. Witt Dougherty, Pleasanton Tp.
Architect...Zanolini & Jewett, 550 Montgomery, San Francisco
Contractor...Ferd. F. Christ, 2506 Fillmore, San Francisco.
Filed Jan. 16, '14. Dated Jan. 9, '14.
Exterior received 2nd coat and roof three coats.....\$300
Entire work received 1 coat.....200
Completed and accepted.....250
Usual 35 days.....TOTAL COST, \$1000

Bond, limit, forfeit, none. Plans and specifications, none.

(106) E GROVE 50 S Sixth S 50x125 75, Oakland. All work for two-story and basement flats.
Owner.....Pasquall Cirelli and Rosa Annuzzo, 402 Union, S. F.
Architect...None.
Contractor...F. C. Amoroso, 1246 Kearny, San Francisco.

Filed Jan. 16, '14. Dated Jan. 8, '14.
Frame up.....1/4
Brown coated.....3/4
Completed and accepted.....3/4
Usual 35 days.....3/4
TOTAL COST, \$1300
Bond, \$2550. Surety, Pacific Coast Casualty Co. Limit, 90 days after Jan. 12. Forfeit, none. Plans and specifications filed.

(107) NO. 836 SIXTEENTH, Oakland. Steam heating.
Owner.....W. F. Schroder, 2341 Valley Oakland.
Architect...None.
Contractor...H. T. Madden, 322 Lester Ave., Oakland.
COST, \$500

(108) S 1/2 LOT 65 Mkp Park View Tet No., 2 Piedmont. Grading, excavating, concrete, carpenter, roofing, glazing, stair, hardware, plastering, tinning, sheet metal, sewer, electric work, etc., for two-story attic and basement dwelling.
Owner.....Mrs. Helen J. Moore and Mrs. Clara Hagar, Piedmont.
Architect...W. J. Wythe, Central Bk. Bldg., Oakland.

Contractor...Peterson & Anderson, Okd
Filed Jan. 17, '14. Dated Jan. 14, '14.
Frame completed, roof sheathed and chimney built.....\$2060
1st coat plaster on interior and exterior.....2060
Completed and accepted.....2060
Usual 35 days.....2120
TOTAL COST, \$8300
Bond, \$4150. Surety, Aetna Accident & Liability Co. Limit, 100 days. Forfeit, \$2. Plans and specifications filed.

Building Contracts Awarded Berkeley.

No.	Owner	Contractor	Am't.
59	Sellers	Cruikshank	2395
40	Alta Bates Hspitl.	Bates	400
88	Wilson	Bkly Steel	700
89	Same	Same	5370
90	Same	McKibben	420
91	Same	Same	2757
99	Int'l Constr.	Owner	500

(39) W TELEGRAPH AVE 80 N Ashby, Berkeley. One-story galvanized iron garage.
Owner.....S. A. Sellers, 3023 Benvenne Ave., Berkeley.
Architect...None.
Contractor...James Cruckshank, 217 Waste Ave., Richmond.
COST, \$3995

(74) W REGENT 250 S Webster, Berkeley. One-story laundry building.
Owner.....Alta Bates Sanitorium, Premises.
Architect...None.
Contractor...C. B. Bates, Premises.
COST, \$400

(88) LOTS 7 AND 8 FLAKE TRACT No. 3, being N Klutredge near Shattuck Ave., Berkeley. Exterior stairways for Class "C" theatre.

Get It From Bacon



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Edward R. Bacon is positively not connected with any other firm.



(85) LOT 3 BLK "B" Waterside Terrace, Alameda. One-story five-room dwelling.
Owner.....F. N. Strang 1331 Eighth, Alameda.
Architect...None.
Day's work.....COST, \$2000

ARCHITECT'S CERTIFICATE.

Jan. 13, 1914—Irrving F. Morrow has filed his certificate of architecture.

CESSATION OF LABOR.

Jan. 8, 1914—LOT 4 Map Sbdvn Lot 46, Bay Tract, Okd. John and Anna Handschumacher with E C Sydes. Work ceased.....Dec. 2, 1913

NOTICE OF NON-RESPONSIBILITY.

Jan. 12, 1914—SE DWIGHT WAY & Shtatuck Ave E 110x8 60, Bkly. Vnoch Morrill as to improvements on leased property.....

COMPLETION NOTICES.

ALAMEDA COUNTY

Jan. 8, 1914—LOT 4 Map Sbdvn Lot 46, Bray Tract, Okd. John and Anna Handschumacher to E C Sydes.....Dec. 2, 1913

Jan. 8, 1914—SE SAN PABLO AVE and 16th Ne 18.65 SE 80.10 SW 56.42 SW 75.19 N 67.46, Okd. First Trust & Savings Bank (by P J Walker Co) to Robert W Bartman.....Jan. 7, 1914

Jan. 9, 1914—NW FIFTEENTH and Washington N 69.55 W 59.34 S 30.92 E 44.38, Okd. Charles J Heeseman to C L Cummings.....Jan. 5, 1914

Jan. 9, 1914—SE FORTY-FIRST AVE & Broadway E 50x8 143, Okd. Lillian H Troy to whom it may concern.....Jan. 3, 1914

Jan. 9, 1914—THIRTY-NINTH AVE 430 Ne Hopkins 50x208 being Nos. 3735-37 39th Ave, Okd. Anna M and Joseph Cottrell to Home Buyers Syndicate.....Jan. 7, 1914

Jan. 10, 1914—LOT 8 BLK 6 Map San Pablo Park, Bkly. James H Fuller to whom it may concern. Jan. 9, 1914
Jan. 10, 1914—LOT 13 BLK "O" Map 4th Avenue Terrace, Okd. A L Calvert to whom it may concern.....Jan. 6, 1911

Jan. 10, 1914—LOT 7 and Ptn Lots 5 and 6 BK 19 Map Sbdvn of NW Ptn Sather Tract, Okd. Electro-Alka line Co to W G Thornally.....Jan. 9, '14
Jan. 10, 1914—LOT 16 and N 13 Lot 17 Map Soloma Ave Terrace, Okd. W B Mallick and H Begier to whom it may concern.....Completed

Jan. 13, 1914—W BROADWAY 173.60 S Lawton Ave S 65.51 W 122.85 N 10 E 174.73, Okd. Hars N Monsen to whom it may concern.....Jan. 13, 1914

Jan. 12, 1914—HIGHLAND AVE NG. 636, Piedmont. Ellen Francis Cushing to J F Dingwell.....Jan. 10, 1914
Jan. 13, 1914—LOT 9 BLK 5 Map Steinyway Terrace, Okd. Lucy E and John H Beck to A J Robertson.....Jan. 6, 1911

Jan. 13, 1914—NW TWELFTH AND Grove 56x112, Okd. The Brongiere Co to J P Spencer.....Jan. 9, 1911
Jan. 13, 1914—LOT 11 BLK "C" Westmoreland Park, Okd. J H & Annie E Somerville to United Home Bldrs.....Jan. 6, 1914

Owner.....Frank M. Wilson and John Muldoon, 2100 Ridge Road, Berkeley.

Architect...A. W. Cornelius, 906 Merchants' Nat'l Bank, S. F.
Contractor...Berkeley Steel Co., Balboa Bldg., San Francisco.

Filed Jan. 11, '14. Dated Dec. 31, '13.
On 1st and 15th of each month 75%
Usual 35 days 25%

TOTAL COST, \$700
Bond, \$350. Sureties, Victor Etienne Jr. and J. M. Etienne. Limit, 75 days. Forfeit, \$10. Plans and specifications filed.

(89) STEEL WORK, EXCEPT EXTERIOR stairs on above
Contractor...Berkeley Steel Co., Balboa Bldg., San Francisco.

Filed Jan. 14, '14. Dated Dec. 31, '13.
Payments same as above.....

TOTAL COST, \$5590
Bond, \$2795. Sureties, Victor Etienne Jr. and J. M. Etienne. Limit, 75 days. Forfeit, \$10. Plans and specifications filed.

(90) SIDE WALKS, COURT WALK, concrete steps and foundation to receive tile in foyer, vestibule, lavatory and toilets on above
Contractor...McKibben & Taylor, 2125 Shtatuck Ave., Berkeley.

Filed Jan. 14, '14. Dated Dec. 20, '13.
On 10th of each month..... 75%
Psual 35 days..... 25%

TOTAL COST, \$420
Bond, \$210. Surety, Southwestern Surety Insurance Co. Limit, 30 days. Forfeit, \$10. Plans and specifications filed.

(91) FOOTINGS, FOUNDATION walls, retaining walls and piers and basement floor on above.

Contractor...McKibben & Taylor, 2125 Shtatuck Ave., Berkeley.

Filed Jan. 14, '14. Dated Dec. 20, '13.
Payments same as above.....

TOTAL COST, \$2757
Bond, \$1378.56. Surety, Southwestern Surety Insurance Co. Limit, 25 days. Forfeit, \$10. Plans and specifications filed.

(99) NE NINTH AND PARKER, Berkeley. One-story 1-room warehouse
Owner.....International Concrete Constr. Co., San Francisco.
Architect...None.
Day's work.....COST, \$500

Building Contracts Awarded

Alameda.

No.	Owner	Contractor	Am't.
83	Haasler	Haasler	700
84	Cole	Cole	2500
85	Strang	Strang	2000

(82) NO. 712 LINCOLN AVE., Alameda One-story 3-room dwelling.
Owner.....I. Haasler, 714 Lincoln Ave., Alameda.

Architect...None.
Day's work.....COST, \$700

(84) NO. 3254 FAIRVIEW AVE., Alameda. One-story 6-room dwelling.
Owner.....Mark T. Cole, 703 Syndicate Bldg., Oakland.

Architect...None.
Day's work.....COST, \$2500

Jan. 15, 1914—LOT 3 BLK "C" Map
Lorin Height Tract, Okd. Mrs H C
Monahan to United Home Bldgs.....
.....Jan. 14, 1914
Jan. 15, 1914—NW FIFTEENTH and
Washington W 69.58 W 59.34 S
30.92 E 1.98, Okd. Chas J Heese-
man to Carl T Doell.....Jan. 13, 1914
Jan. 15, 1914—LOT 17 BLK "A" Map
Waterside Terrace, Ala. Frank
Seaman to whom it may concern.....
.....Jan. 15, 1914
Jan. 15, 1914—NE BROOK and
Broadway, Okd. Rousseau & Rou-
sseau, architects to F W Taylor;
brick work being completed and
accepted Finila & Seasholm, con-
tractors for building are entitled
to 2nd payment of \$100. Completed—
Jan. 16, 1914—LOT 15 BLK "N" 4th
Ave Terrace 49x100, Okd. Mary C
Mulholland to S W Jones. Jan. 6, '14
Jan. 16, 1914—NE TWENTY-FOURTH
and Webster E 100xN 58.6, Okd.
Carlton V Norcross to Leo L
Nichols.....Dec. 12, 1913

LIENS FILED.

ALAMEDA COUNTY.

Jan. 9, 1914—NE DWIGHT WAY &
Piedmont Ave 80 m or l on each
said streets, Bkly. Thomas Wilson
vs T M Sherman and H D Koch.....
.....\$155.50
Jan. 9, 1914—NE DWIGHT WAY &
Piedmont Ave E 70 N 111.50 W 95
S 116.6, Bkly. Wm Makin, \$892;
United Materials Co, \$923.25; F A
Larsen, \$22; N C Jensen, \$30;
Theodore Koch, \$39.50; Louis A
Weichselfelder, \$30; Berkeley Hard-
ware Co, \$55.30; S J M Coates, \$51
vs T M Sherman and H D Koch.....
Jan. 8, 1914—PTN POSIT "H" MAP
Rancho Las Positas, Murry Pt.
Anspacher Bros vs Herman Mur-
phy, Henry S Bridge and L A
Myers.....\$549.10
Jan. 8, 1914—BOUNDED ON N BY
County Road 818 S Center In Palm
Ave, E land Williams, W land
Wright 230x990, being pin shdvn
J Rancho Las Positas, Murry Pt.
Anspacher Bros vs Herman Mur-
phy, Estate of Bridge and May E
Bridge.....\$288.40
Jan. 9, 1914—N EAGLE AVE 329.52
W Prospect (or 8th) W 30xN 121,
Ala. Eureka Mill & Lumber Co vs
Mark T Cole, W F Powell, John
Doe Flava & Mary Rose Flava.....\$24.12
Jan. 10, 1914—NE PIEDMONT AVE
and Dwight Way E 70 N 111.50 W
to Piedmont Ave S to pt beg, Bkly.
Oakland Concrete, Terrazzo & Mo-
saic Co, \$348; J A Johnson, \$145.25;
Waterhouse & Price Co, \$610 vs T
M Sherman and H D Koch.....
Jan. 12, 1914—NE PIEDMONT AVE
and Dwight Way E 70 N 111.5 W
to Piedmont Ave S to pt of beg,
Bkly. McKibben & Taylor vs T
M Shearman and H D Koch, \$222 35
Jan. 12, 1914—NE TWELFTH AVE
and E-21st 75x100, Okd. N H Brown
vs C J Plunkett.....\$140.75
Jan. 13, 1914—NW BROADWAY and
N 26th W 153.63 N 23.20 E 199.94
S 52.13 SW 187, Okd. John G Sut-
ton Co vs 1st Presbyterian Church
of Oakland.....\$89.91
Jan. 13, 1914—W CENTRAL COURT
123 N Parker Ave N :xW 70, Als.
Harry Parker vs W G Le Boyd
and Chas Hurgner.....\$60

SAN JOSE AND THE SANTA CLARA VALLEY.

WHARF—Timber and crossotied
piles, \$165,000. Santa Cruz, Santa Cruz
Co., Cal. Engineer, H. J. Brunner,
Slaron Bldg., S. F. Owners, City of
Santa Cruz. The wharf will be about
2,750 feet long and will be erected
near the present Fisherman's Wharf.
The approach portion, high is 2,100
feet long, will vary in width from 30
to 42 feet. The main pier will be about
650 feet long and 80 feet wide. This
will have a shed on it about 210 feet
long and 46 feet wide. The entire con-
struction will be of timoer and creos-
ote piles. About 2,200 piles will be
required, varying in length from 30 to
70 feet, and about 2,000,000 board feet
of lumber. The usual bolts and fitt-
ings, spikes, drift pins, etc., will be
used. There will be one track run the
full length of approach and pier.
Devits and their mechanical equip-
ment will also be used. Plans are com-
plete and figures are being taken.
Bids will be opened on February 6th.
Plans and specifications can be secured
from the engineer.

RESIDENCE—2 story and base,
flame, \$8,000. San Bruno, San Mateo
Co., Cal. Architect, John J. Foley, 46
Kearny street. S. F. Owner, Father
W. J. Cantwell. The dwelling will
contain twelve rooms, three baths and
a sleeping porch. Interior finish will
be of pine and hardwood. Oak floors
will be used in the principal rooms.
There will be furnace heat and open
fire places. Mantels will be of brick.
A small hall is provided for in the
basement. Exterior of the dwelling
has been designed in the Mission style
to harmonize with the church, and will
be covered with cement plaster on
metal lath. Plans are being prepared
and figures will be called for about
the first of February.

RESIDENCE—2 story and base,
frame, \$7,000. Palo Alto, Santa Clara
Co., Cal. Architect, W. H. Ratcliff, Jr.,
First National Bank Bldg., Berkeley.
Owners, Prof. Campbell and Prof. All-
dile. The house will contain eight
rooms, baths and sleeping porch. In-
terior finish will be of pine and hard-
wood. There will be furnace heat and
open fire places. Mantels will be of
brick. Oak floors are specified in se-
veral of the rooms. Bath rooms and
kitchen will have tile wainscot. An
automatic water heater will be in-
stalled. Exterior of the dwelling will
be covered with cement plaster on
metal lath. A clay tile roof will be
used. Plans are complete and figures
are being taken.

Building Contracts.

SANTA CLARA COUNTY.

NCS 38 AND 60 S-SECOND, San Jose.
Remodeling front and interior.
Owner.....Wesley Pieper, Agent, 45
.....W-Santa Clara, San Jose.
Architect.....None. COST, \$500
Day's work.....
NO. 346 N-TWELFTH, San Jose. Five
room cottage.
Owner.....W. Reinhold Jr., Premises
Architect.....None COST, \$1500
Day's work.....

LIENS FILED.

SAN MATEO COUNTY.

RECORDED	AMOUNT
Jan. 15, 1914—LOT NO. 3 BLK "D"	
Geo H Gerwins' Oak Villa Home-	
stead, Redwood. Gray-Thorning	
Lumber Co vs C Petersen et al.,	
.....	\$174.45

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

AUDITORIUM AND BATH HOUSE—
1 story, reinforced concrete, \$150,000.
San Rafael, Marin County, Cal. Ar-
chitect, Thomas O'Connor, 104 D street,
San Rafael. Owners, City of San Ra-
fael. Only preliminary plans for this
work have been prepared. The struc-
ture will cover an area of 100 by 194
feet and will be practically fireproof
throughout. There will be cement
floors, steel roof trusses and metal
window sash and frames. Consider-
able tile will be used. Special heating
system will be installed. Exterior of
the building will be faced with cement
plaster. Working drawings are to be
prepared.

Contracts Awarded.

LAUNDRY BUILDING—1 story and
base, brick and concrete, \$16,500. Napa,
Napa Co., Cal. Architect, State De-
partment of Engineering, Sacramento.
Owners, State of California. Contrac-
tor, R. S. K. MacMillen, S. F. Contract
price, \$16,500.

Bids Opened For Napa Hospital Job.

State Board of Control Find McSheehy
Bros. Low for Dozier Cottages and
Trust for North Pay.

(By Special Wire.)

SACRAMENTO, CAL., Jan. 14th—Bids
opened by the State Board of Control at
Sacramento for the construction of
Female Dozier Cottages and for the
North Pay Cottage at the Napa State
Hospital, show McSheehy Bros., of this
city, low on the Dozier Cottages at
\$10,292 and Robert Trost is low on the
North Pay Cottage at \$8,970 at the
same institution. The contracts will
probably be awarded to the low men.

Female Dozier Cottages.

McSheehy Bros.....	\$10,292
R. S. K. MacMillen.....	11,705
Robert Trost.....	11,850
E. W. Doughty, Napa.....	12,680
B. J. Duffey.....	13,510
Frank M. Garden.....	13,617
O. F. Fischer.....	14,186
Alterations, North Pay Cottage.	
Robert Trost.....	\$ 8,970
R. S. K. MacMillen.....	9,875
E. W. Doughty, Napa.....	11,460
Boyd, Kerr & McLean.....	12,218
O. F. Fischer.....	12,273
B. J. Duffey.....	14,990

Building Contracts

CONTRA COSTA COUNTY.

DANVILLE. All work, brick work,
side walks, carpenter, plastering,
painting, plumbing, electrical work.

tin, glazing and roofing work for one story brick building.
Owner.....E. J. Briscoe, Hughson,
Stanislaus Co., Cal.

Architect...Neil Harrison, Alamo.
Contractor...Neil Harrison, Alamo.

Filed Jan. 9, '14. Dated Dec. 16, '13.
Foundation in.....\$931
Brick work completed & roof on 931
Building completed.....931
Usual 35 days.....932

TOTAL COST, \$3725

Bond, \$1863. Surety, Chicago Bonding
& Surety Co. Limit, 60 working days.
Forfeit, \$2 per day. Plans and specifications filed.

LOTS 17 AND 18 BLK 2, Nicholl Macdonald Ave, Civic Center, Richmond.
All work for three-story and basement brick "C" building.

Owner.....Mrs. E. Hubbard.
Architect...Lewis M. Gardner, 740
Phelan Bldg., S. F.
Contractor...Pedersen & Cveraa.

Filed Jan. 13, '14. Dated Jan. 3, '14.
2nd floor joists in place.....\$2600
Roof boards on.....3600
Ready for lathing.....3600
Plastering completed.....3600
Contract completed.....3600
Usual 35 days.....6000

TOTAL COST, \$24,000

Bond, \$12,000. Surety, National Surety
Co. Limit, 100 working days. Forfeit,
\$15 per day. Plans and specifications
filed.

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED ACCEPTED
Jan. 13, 1914—LAUREL & BELLE
Ave, San Rafael. F C Burns to J
B Faggiano.....Jan. 13, 1914

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
Jan. 8, 1914—LOT 24 BLK 8, City of
Richmond. J T Jenkins to J A
Fagerstrom.....Dec. 31, 1913

LIENS RELEASED.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
Jan. 9, 1914—LOTS 10 AND 11 BLK 5
Richmond Park Tract. Richmond
Lumber Co to Charles Goude.....\$502.82
Jan. 11, 1914—LOTS 11 AND 12 BLK 4
Brown Andrade. J J Davis to
Salms & Crigler, Delos W Crigler
and Ethel Crigler.....\$150.30

LIENS FILED

CONTRA COSTA COUNTY.

RECORDED AMOUNT
Jan. 9, 1914—LOT 1 BLK 1 Kensington
Park. Pacific Mfg Co vs Atlas
Stone Co.....\$56

FRESNO, MODESTA, SANIS- LAUS AND CENTRAL CALIFORNIA.

HOTEL—3 story and base, brick and
steel, \$40,000. Corcoran, Kings Co.,
Cal. Architect, H. Y. Davis, Visalia.
Owner, F. A. Cleveland. The building

will be designed for a modern commercial hotel, and will contain stores, the main lobby and office and a public dining room on the first floor. Upper floors will be divided into about 60 guest rooms and a number of baths. Interior finish will be of pine and hardwood, with the floor in the lobby. Plans provide for steam heat, a complete oil burning plant, passenger elevator and hot water supply. Bath rooms will have composition floors and tile wainscot. Marble and tile will be used in the entrance and lobby. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans are being prepared.

LODGE HALL—4 story and base. Class A construction, \$160,000. Fresno, Fresno Co., Cal. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owners, Eagles' Hall Association, Fresno. The building will be erected at the corner of M and Fresno streets, having a 125-foot frontage on one street and 75 feet frontage on the other. Several stories besides the main entrance will occupy the first floor. Upper floors will be arranged for the offices of the organization, social rooms, lodge halls, banquet rooms and ball rooms. Interior finish will be of pine and hardwood. Plans provide for steam heat, elevator service and a vacuum cleaning system. Marble and tile will be used extensively. Patent store fronts, metal window sash and frames are also specified. Exterior of the building will be faced with brick and terra cotta. Plans are nearly complete.

STORM WATER SEWER SYSTEM—\$150,000 to \$160,000. Fresno, Fresno Co., Cal. Engineer, City Engineer R. E. Cronkite, Fresno. Owners, City of Fresno. The City Engineer is now preparing plans and specifications for an entire new city storm water sewer system. It is planned to embrace the entire city. Further mention will be made of the work.

Contracts Awarded.

SCHOOL—1 story and base, concrete and brick, \$20,000. Pixley, Tulare Co., Cal. Architect, H. Y. Davis, Visalia. Owners, Pixley School District. Contractors, George A. Noble & Sons, Visalia. Contract price, \$20,000.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

PUNGALOW — 1 story and base, frame, \$3,000. Sacramento, Cal. Architect, none. Owner, E. A. Pierce, 3520 Park avenue, Sacramento. The house will be erected in the Boxler Tract, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be largely of pine with hardwood veneer in the dining room. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Lahor.

Contracts Awarded.

BANK AND OFFICES—10 story and base. Class A construction, \$250,000. Stockton, San Joaquin Co., Cal. Architects, Stone & Wright, San Joaquin

Bldg., Stockton. Owners Commercial and Savings Bank, Contractors, P. J. Walker Co., Monadnock Bldg., S. F., general construction. Contract price, \$250,000.

Building Contracts.

SACRAMENTO COUNTY.

LOT 2, R. S. 11TH AND 12TH STS., Sacramento. Erect warehouse.
Owner.....Sacramento Warehouse Co.
411 Ochsen Bldg., Sacramento.

Architect...Clarence C. Cuff, 530 Ochsen Bldg., Sacramento.

Contractor...Ross Constr. Co., Forum Bldg., Sacramento.

COST, \$100,000

S. T. 11TH AND 12TH STS., Sacramento. Excavating for foundations for warehouse.

Owner.....Sacramento Warehouse Co.
411 Ochsen Bldg., Sacramento.

Architect...Clarence C. Cuff, 530 Ochsen Bldg., Sacramento.

Contractor...Chas. Raymond Ross (as Ross Constr. Co.), Forum Bldg., Sacramento.

Filed Jan. 8, '14. Dated Jan. 8, '14.
COST, 60c per cu. yd. of earth removed.

R. S. 11TH AND 12TH STS., Sacramento. Furnish and drive 495 concrete piles for warehouse.

Owner.....Sacramento Warehouse Co.
411 Ochsen Bldg., Sacramento.

Architect...Clarence C. Cuff, 530 Ochsen Bldg., Sacramento.

Contractor...Chas. Raymond Ross (as Ross Constr. Co.), Forum Bldg., Sacramento.

Filed Jan. 8, '14. Dated Jan. 8, '14.
COST, \$12,000

PRICE VILLA, 10th Street Road, Sacramento. Machine shop.

Owner.....Golden West Motors Co.
518 Ochsen Bldg., Sacramento.

Architect...Clarence C. Cuff, 530 Ochsen Bldg., Sacramento.

Contractor...E. S. Robinson, 518 Ochsen Bldg., Sacramento.

COST, \$12,000

N 24 FT. OF N 1/2 LOT 7, J. K. 8TH and 10th STS.; No. 913 K St., Sacramento. Place new store front, counter and partition and tile floor and re-tint, paper and paint store and lodgings.

Owner.....Gus Layman, 630 K St., Sacramento.

Architect...None.

Contractor...G. E. Hatvie, 2212 T St., Sacramento.

COST, \$1600

LOT 191 New Era Park, C. D. 27th and 28th STS.; No. 321 27th St., Sacramento. One-story frame dwelling.

Owner.....C. T. Chilson, 315 25th St., Sacramento.

Architect...None.

Day's work.

COST, \$2200

LOT 31 Rose Heights Oak Park, 40th St., bet. Stanford and Rose Aves., Sacramento. One-story frame dwlg.

Owner.....Lydia A. Moss, 3931 Rose Ave., Oak Park, Sacramento

Architect...None.

Contractor, D. Lornorve, 4219 Stanford St., Sacramento.
COST, \$1300

E ½ LOT 2, Q, R, 19TH & 20TH STS., No. 1910 Q St., Sacramento. All work for one-story brick building (dry cleaning plant and drying rooms also boiler house constructed of terra cotta tile blocks.

Owner,.....Campbell & Miller.
Architect,.....Geo. C. Sellen, 1005 K St., Sacramento.

Contractor, Campbell & Turner, 326 Ochsner Bldg., Sacramento.
COST, \$2500

LOT 33 Rose Heights, Oak Park, 40th St., bet. Stanford and Rose Aves., Sacramento. One-story frame dwlg.
Owner,.....Lydia A. Moss, 3931 Rose Ave., Sacramento.

Architect,.....None.
Contractor, D. Lornorve, 4219 Stanford St., Sacramento.
COST, \$1300

NO. 913 K ST., being W 20 feet of E 44 ft. of Lot 7, J. K. 9th and 10th Sts., Sacramento.
Owner,.....A. K. Fundulakes and J. Compogallanes.

Architect,.....None.
Contractor, G. E. Harv e, 2212 T St., Sacramento.
Filed Jan. 9, '14. Dated Jan. 9, '14.
COST, \$1600

E ½ LOT 5, H, I, 18TH AND 19 STS., Sacramento. One-story addition to frame dwelling.
Owner,.....H. F. Carstens, 1831 I St., Sacramento.
Architect,.....None.
Day's work,.....COST, \$250

LOT 5 BLK 2 Boxler Tet 2800 Block 21st St., Sacramento. One-story frame dwelling.
Owner,.....E. A. Pierce, 3520 Park Ave., Sacramento.
Architect,.....None.
Day's work,.....COST, \$3000

S ¼ LOT 5, Q, R, 26TH AND 27TH STS., No. 1730 27th St., Sacramento. One-story concrete block building.
Owner,.....Sacramento Bldg. Block Co., 2318 R St., Sacramento.
Architect,.....None.
Day's work,.....COST, \$1000

W ½ LOT 7, L, M, 15TH AND 16TH STS., Sacramento. One-story frame private garage.
Owner,.....Dr. H. E. Wright, 1511 M St., Sacramento.
Architect,.....None.
Contractor, Wright & Kimbrough, 817 J St., Sacramento.
COST, \$250

Building Contracts.

SACRAMENTO COUNTY.

E ½ OF S 70 FT. OF LOT 5, D, E, 14TH and 15th Sts., No. 1431 E St., Sacramento. Addition to two-story frame dwelling.
Owner,.....Mrs. J. K. Grinton, Prem.
Architect,.....None.
Contractor, Frank Artz, 1416 E St., Sacramento.
COST, \$400

LOS ANGELES AND SOUTH-ERN CALIFORNIA.

PACKING PLANT—2 story and base, brick, \$60,000. Long Beach, Los Angeles Co., Cal. Architect, none. Owners, National Tuna Fishing and Packing Co., Charles E. Williamson, Pres., Long Beach. This building is to be erected on the harbor front and will cover a large area. Construction will be of the extra heavy type. There will be a large amount of special machinery, metal window sash and frames and fireproof doors. Plans provide for steam heat, pine trim, modern electric and plumbing work. Exterior of the building will be faced with pressed brick. Plans are being prepared, and when complete will be turned over to the owners who will take figures.

SCHOOL—1 and 2 story, brick or reinforced concrete, \$50,000. Calexico, Imperial Co., Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Calexico School District. These architects have just been commissioned to prepare plans for a new high school building which is to be erected in Calexico. Preliminary plans are to be prepared at once, and will be submitted to the Board of Education for approval. No details of the work can be given at this time. Further mention will be made when working drawings have been completed.

SCHOOL—1 story and base, brick. Cost not stated. Glendora, Los Angeles Co., Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Glendora School District. This work has been mentioned here before when plans were first started. The working drawings are now complete and figures will be opened on February 2d. The building will contain a number of standard sized class rooms, principal's office, teachers' room and an assembly hall. Plans provide for a central heating system, modern electric work and plumbing. Exterior of the building will be faced with pressed brick. Interior will be finished in pine with some maple floors. Plans can be secured from the architects. Bids will be taken for the general construction with alternates A, B, C, and D; for the plumbing and sewer work with alternates A, B, and C; and for the heating and ventilating.

CHURCH AUDITORIUM — 1 story and base, frame, \$10,000. Pasadena, Los Angeles Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Tremont Baptist Church. The addition will be erected in the rear of the present church, and will be connected to the main body of the church by an arched corridor. The building will be 50 by 80 feet. The main auditorium, which is to occupy the entire first floor, will seat 600 people. Basement will contain a social hall and kitchen. Interior finish will be of pine throughout. There will be a central heating system. Exterior of the building will be faced with blue brick base and cement plaster on metal lath. Plans are being prepared.

JAILS—3, 1 story and base, reinforced concrete. Cost not stated. Ventura County, Cal. Architect, A. C. Martin, Higgins Bldg., L. A. Owners, Ventura County. These buildings will be erected at the following locations: Fillmore, Moorpark and Camorilla. All

will be of the same design and construction, with cement and pine floors, steel cells, composition roofs, modern jail plumbing and electric work. There will be wrought iron window grilles and steel doors. Exteriors will be faced with cement plaster. Plans are being prepared.

FIRE HOUSES—4, 2 story and base, brick, \$10,000 each. Los Angeles, Cal. Architect, J. J. Backus, 24 City Hall, L. A. Owners, City of Los Angeles. These buildings will be erected at 1st and Reno, Vermont, and Santa Monica, Florence and Moneta, and 39th and Western. Each building will house two pieces of apparatus on the first floor, and will be arranged for living quarters for the men on the upper floor. Interiors will be finished in pine. There will be special plumbing and electric work. Exteriors will be faced with pressed brick. Plans are being prepared and figures will be called as soon as working drawings can be completed.

GARAGE AND WAREHOUSE — 1 story and base, brick and concrete, \$15,000. Whittier, Los Angeles Co., Cal. Architects, Rea & Gerstang, Black Bldg., L. A. Owners, Standard Oil Co. The building has been designed in the shape of an L, and will house the company's offices in the front portion, a warehouse and garage in the rear. The structure will cover an area of 33 by 67½ feet and 22 by 74 feet. Interior of the offices will be finished in pine and hardwoods. The garage will have a cement floor. Metal window sash and frames will be used. Exterior of the building will be faced with pressed brick. Plans are being prepared.

HOTEL—2 story and base, brick and concrete, \$30,000. Los Angeles, Cal. Architect, E. B. Rust, Title Insurance Bldg., L. A. Owner, Charles Nemethi. The building will be erected on West 11th street, covering an area of 50 by 138 feet. The first floor will contain two large stores besides the hotel entrance. Upper floor will be arranged for 52 guest rooms and 29 baths. There will be steam heat and a hot water supply. Interior finish will be of pine. Bath rooms will have composition floors and tile wainscot. Patent store fronts and plate glass windows are specified. Exterior of the building will be faced with pressed brick. Plans are being prepared, and when complete the work will be done by Day Labor.

SCHOOL GROUP—5, 1 and 2 story and base, brick buildings, \$150,000. Inglewood, Los Angeles Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Inglewood Union High School District. Bids will be advertised for as soon as the plans are approved by the county superintendent of schools, which will probably be this week. There will be five new buildings, consisting of a science hall, two stories, 110x73 feet; household economy building, three stories, 110x62 feet; manual arts building, part one and two stories, 182x94 feet; gymnasium, one story, 138x68 feet, with an outdoor swimming pool; and the central heating plant. The buildings will be of brick construction with pressed brick facing.

SCHOOL GROUP—3, 1 and 2 story buildings, brick or reinforced concrete, \$200,000. Mesa Arizona. Architect,

Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Mesa School District. The school board at Mesa has been authorized to call a special bond election to vote funds for the construction of three new buildings. Architect Marsh has been commissioned to prepare the plans, and he is now working on the preliminary sketches. Details of these buildings will be furnished as soon as working drawings are under way.

STORE AND THEATRE—1 story and base, brick, \$16,500. Los Angeles, Cal. Architect, A. Lawrence Valk. Stimson Bldg., L. A. Owner, E. Lustig. The building will be erected on Main street, covering an area of 50 by 140 feet, and will contain two stores besides a moving picture theatre. The theatre will have a seating capacity of 800 people. Interior of the building will be finished in pine. There will be a modern system of ventilation in the theatre. Marble base and patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are being prepared.

Contracts Awarded.

HOSPITAL—5 story and base, reinforced concrete, \$99,000. Los Angeles, Cal. Architects, Garrett & Farrell, Currier Bldg., L. A. Owners, Methodist Hospital Association. Contractors, Hudson-McCutcheon Construction Co. L. A. general construction, which includes all work except the elevator equipment. Contract price, \$99,000.

EXPOSITION BUILDINGS—Frame and plaster construction, \$150,000. San Diego, Cal. Architect, Frederick Heinlein, Lisner Bldg., L. A. Owners, Panama Oriental Co. Contractors, Foss Designing and Building Co., 100 East Colorado street, L. A. Contract price, \$150,000. These buildings will be known as the Oriental City.

APARTMENT HOUSE—3 story and base, brick and steel, \$60,000. Los Angeles, Cal. Architect, Fernand Parmentier, Byrne Bldg., L. A. Owner, Mrs. Harvey Ingerson. Contractors, Dutro-Wren Construction Co., Van Nuyes Bldg., L. A. Note: The contract has been taken on the percentage basis and the estimated cost of the building is placed at \$60,000.

HOTEL—3 story and base. Class C construction, \$90,000. Los Angeles, Cal. Architects, Train & Williams, Exchange Bldg., L. A. Owner, Walter H. Fisher. Contractor, Alex. Grant, 1201 West 37th street, L. A. general construction only. Note: This contract does not include excavating, foundation work, structural steel, fire escapes, plumbing, heating or automatic sprinklers.

HOTEL—3 story and base. Class C construction, \$15,750. Los Angeles, Cal. Architect, J. B. Nicholson, Wright and Cullender Bldg., L. A. Owners, R. J. Dunn and H. J. Coates. Contractor, A. E. Harshman, Black Bldg., L. A. Contract price, \$15,750.

TUNNEL WORK—\$184,800. Los Angeles, Cal. Engineer, City Engineering Department, L. A. Owners, City of Los Angeles. Contractor, Lynn S. Atkinson, Central Bldg., L. A. Contract price, \$184,800.

SEATTLE AND WASHINGTON.

DRY DOCK—Concrete construction, \$4,000,000. Esquimalt, B. C. Engineers, Dominion Government. Own-

ers, Dominion of Canada. Details of the proposed dry dock which is to be erected at Esquimalt have been made public. The structure will have a total length of 1,150 feet with an extreme depth at the approach of 50 feet and an average depth of 40 feet and of high water. Construction will be of reinforced concrete and steel. The site has been selected and preliminary work of grading has been started. Working drawings are now being completed in the Dominion offices, and figures will be called for within a short time.

BRIDGE—Steel and concrete construction, \$2,000,000. Vancouver, B. C. Engineer, John Wolfe Barry, Vancouver, B. C. Owners, Burrard, Inlet, Tunnel and Bridge Co. Plans for a large steel span bridge which is to be erected over the Second Narrows are complete and now in the hands of the contractors for figures. Bids will be opened on April 1st. Plans, specifications and full particulars can be secured from the engineer who may be addressed in care of the owners.

BANK—2 story and base, brick and concrete, \$15,000. Orville, Wash. Architect, A. Harlan Thomas, Arcade Bldg., Seattle. Owners, First National Bank of Orville. The building will be erected on a corner site, the entire first floor being occupied by the bank and upper floors will be arranged for modern offices. Interior finish will be of pine and hardwood. There will be a central heating system, special coin vaults and metal window sash and frames. Exterior of the building will be faced with pressed brick. Plans are being prepared and figures will be called for within a month.

INSTITUTIONAL BUILDING—1 and 2 story, brick and concrete. Cost not stated. Medical Lake, Wash. Architect, Julius Zittle, Jamieson Bldg., Spokane. Owners, State of Washington. This group will comprise the new institution for the Feeble Minded, and will consist of the following buildings: Two cottages, each 2 stories and base, 68x94 feet; a 2 story school house, 32x 108; a 2 story, 60x108 foot store house and a main building 2 stories high, an over all length of 266 feet, divided into two custodian wings, 14 feet long each. The wings will be 75 feet wide, the central portion will be 38 feet wide and 123 feet long. All buildings will be of concrete and brick construction, with hollow tile floors and partitions. The roofing is specified. Bids will be opened by the State Board of Control on January 31st.

HOSPITAL—2 story and base, hollow tile construction, \$30,000. Lakeview, Wash. Architects, Sundberg & Mahon, Tacoma. Owners, Pierce County. The building has been designed for a tuberculosis hospital, and will contain several wards and private rooms. Interior finish will be of pine throughout. There will be a central heating system, vacuum cleaning and modern operating room equipment. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be called for by the Board of Supervisors within a few days.

THEATRE—4 story and base, steel and reinforced concrete, \$100,000. Tacoma, Wash. Architect, Max Umbrecht, Seattle. Owner, Eugene Levy, Grand Theatre, Seattle. Mr. Levy has leased

the site on the west side of C street, between the Tacoma Theatre and the Pythian Theatre, and will shortly start construction on a fireproof playhouse. No details of the work have yet been announced. Construction will be of reinforced concrete and steel, and it is stated that the house will have a seating capacity of 1200 people. Several stores will occupy the street front. Further mention will be made of the work.

APARTMENT HOUSE—3 story and base, brick, \$25,000. Seattle, Wash. Architect, F. H. Blohne, New York Bldg., Seattle. Owner, Frank Logan. The building will be erected on the southeast corner of Republican and Minor streets, and has been designed to contain fifteen suites of two and three rooms. Interior finish will be of pine and hardwood veneer. Some oak floors will be used. There will be steam heat and a hot water system. All suites will have wall beds and private baths. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

WAREHOUSE—3 story and base, reinforced concrete, \$75,000. Seattle, Wash. Architect's name not given. Owners, Oregon-Washington Railroad and Navigation Co. Contractors, Pearson Construction Co., New York Bldg., Seattle. Contract price, \$75,000. Note: When complete the building will be occupied by the Western Hardware and Metal Co.

MUNICIPAL WATER SYSTEM—\$161,750. Chehalis, Wash. Engineer's name not given. Owners, City of Chehalis. Contractor, W. H. Mitchell, Holland Hotel, Seattle. This contract was originally signed two years ago, but a court decision has only recently been secured in which the right of the City of Chehalis to issue bonds to a contractor in payment of construction was sustained. Mr. Mitchell will start work at once. He may be addressed at either the hotel named above, or in care of the City Clerk at Chehalis.

PORTLAND AND OREGON.

GARAGE—1 story and base, reinforced concrete and brick, \$15,000. The Dalles, Ore. Architect, John V. Bennes, Chamber of Commerce Bldg., Portland. Owner, Max A. Vogt. The building has been designed for a commercial garage, and will cover a ground area of 100 by 180 feet. There will be a cement floor, metal window sash and frames and special gasoline storage tanks. Besides the storage space the building will contain display rooms, office and completely equipped machine shop. Exterior will be faced with cement plaster. Plans are complete and will probably be turned over to the owner who will build by Day Labor and purchase all materials.

SCHOOL—1 story and base, brick and concrete, \$15,000. Arlington, Ore. Architect, Charles F. Burggraf, Albany. Owners, City of Arlington. The building will contain six class rooms, teachers' room and principal's office. Construction will be of brick and hollow cement blocks. Interior will be finished in pine. There will be a central heating system. Exterior of the

building will be faced with pressed brick. Plans are being prepared and will be ready for bids within a week or ten days.

APARTMENT HOUSE—2 story and base, frame, \$15,000. Portland, Ore. Architects, Goodrich & Goodrich, Abington Bldg., Portland. Owner's name withheld. The building will be erected on the East Side, covering an area of 40 by 70 feet. Interior has been arranged for eleven suites of two and three rooms besides a number of single rooms. All suites will have private baths and wall beds. Interior finish will be of pine and redwood. Oak floors will be used in the living rooms. All suites will have private baths and wall beds. Interior finish will be of pine and redwood. Oak floors will be used in the living rooms. Plans provide for steam heat, a hot water system and vacuum cleaning. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with rustic and ship-lap. Work will start in the spring.

BATH HOUSE—1 story, reinforced concrete, \$25,000. Sea Side, Ore. Architects, Doyle & Patterson, Worcester Bldg., Portland. Owner, J. E. Oates. The building will be arranged for a large number of tub baths, showers and a large concrete swimming pool. Equipment will be of the most modern type, including filters and water heating plant. Exterior will be faced with cement plaster. No general contract will be let, the owner doing the work by Day Labor, and subcontracting all material contracts. Excavating and grading have been started.

DOCK CONSTRUCTION—Cost not stated. Portland, Ore. Engineer, G. B. Hegardt, care of the Dock Commission, Portland. Owners, City of Portland. Plans have been completed for Municipal Dock No. 2, which is to be erected on the East Side. Construction will be similar to that of Dock No. 1, including concrete, brick and heavy mill construction. The dock will be 525 feet long and will be covered with a shed. Proceeds from bonds valued at \$560,000 will shortly be available. Bids will be called for sometime this month, but construction will not be started until the money is available.

CONVENT—3 story and base, concrete and hollow tile construction, \$20,000. Portland, Ore. Architect, Jacob Javoberger, Board of Trade Bldg., Portland. Owners, Sisters of the Holy Child. The building will be erected on a corner lot covering an area of 45 by 102 feet. Interior will be arranged for class rooms, chapel, work rooms and dormitories. Interior finish will be of pine. There will be steam heat and a hot water system. Exterior of the building will be faced with cement plaster. A general contract, including plumbing and heating will be let. Plans are complete and out for figures. Bids will be opened on February 1st.

SCHOOL—2 story and base, brick or reinforced concrete, \$60,000. Corvallis, Ore. Architects, Doyle & Patterson, Worcester Bldg., Portland. Owners, City of Corvallis. At a joint meeting of the Board of Education and a citizens' committee, the original idea of remodeling the present high school building was discarded, and the architects were instructed to prepare plans for a new building. No details of the structure can be given at this

time. Bonds in the amount of \$75,000 will be voted, and all but \$10,000 will be spent in the construction of the building. Further mention will be made of the work.

WATER SYSTEM—\$20,000. Amity, Ore. Engineer, Louis C. Kelsey, Selling Bldg., Portland. Owners, City of Amity. Only preliminary plans have been prepared, but these show a system embracing the entire town. A concrete power house will be included. Pumping equipment is not included in the estimate of \$20,000. Bonds will be voted on February 2nd and if they carry work will be started at once.

♦ PANAMA-PACIFIC EXPOSITION NOTES. ♦

Prizes aggregating \$25,000 for the musical competitions at the Panama-Pacific International Exposition were announced last Friday by the 1915 Elistedad Association. The first prize amounts to \$10,000 and will be given for the chief choral competition for mixed choirs of not less than 150 voices. This will be competed for by many of the greatest choral societies in the world.

The program consists of fourteen musical events including women's choral competitions, children's choral competitions and instrumental music. In the military band competition \$2000 will be awarded as a premium.

As a preliminary step to the meeting of the Transcontinental Passenger Association in this city on March 25th to take final action on railroad rates to San Francisco in 1915, a conference of the local passenger traffic managers of terminal lines was held recently in the offices of A. M. Mortensen, Traffic Manager for the Panama-Pacific International Exposition. In the Exposition Building.

At this meeting a schedule of 1915 railroad rates prepared by Mortensen was submitted to the local passenger traffic managers for their consideration. This was an important step in advance of the meeting in March when representatives of all the railroads west of Chicago will assemble in San Francisco. The fixing of railroad rates to San Francisco during the Universal Exposition of 1915 will be one of the principal orders of business to come before the convention and final action will be taken.

The matter of railroad rates to San Francisco in 1915 is of the utmost importance to prospective visitors and exhibitors throughout the United States and abroad and the action of the railroad companies in this matter is being watched eagerly. The Exposition officials have taken an intense interest in the matter of railroad rates and are anxious to see equitable rates to San Francisco fixed by all of the lines coming into San Francisco.

J. R. Hanly, special yachting commissioner for the Panama-Pacific International Exposition left last Saturday for New Orleans, Cuba and New York. From New York Mr. Hanly will journey along the Atlantic Coast visiting all yachting and shipping people with a view to studying the most approved types of boats to be entered in the 1915 yacht races. These races will be held in San Francisco Bay in April. The principal events will

be held with the 12 metre boats, for which a cup has been offered by President Wilson.

Sir Thomas Lipton is now building a boat to compete in the races. The 12 metre boats which have become so popular in the East and Europe average 39 feet, four inches on the water line and 60 feet over all. It is expected that representatives of the royal families of Europe will send their 12 metre boats to participate in the contest.

With the removal of the miles of staging from the walls of the Palace of Machinery, at the Panama-Pacific International Exposition, which is now almost completely cleared, the visitor to the Exposition has now a favorable opportunity to admire in massive architecture of that huge building and to realize what its appearance will be when the color work on it is finished. A considerable amount of this work has already been done and the richly toned marble covering for the six great columns before the main entrance is now being put in place. The sixteen flag poles tipped with their many pointed gold stars, now decorate the entire front of the building. Within, the interior finishing is progressing rapidly.

The two hundred and first convention to meet in San Francisco during the Panama-Pacific International Exposition in 1915 was booked Friday when James A. Barr, Manager of the Bureau of Conventions and Societies of the Exposition, received a telegram announcing that the Phi Kappa Sigma National College Fraternity had accepted the invitation to convene in San Francisco during the Exposition. Final action was taken by the fraternity at its annual convention in Nashville, Tennessee, after four of its California members, officially delegated by President Chas. C. Moore of the Exposition, had renewed the invitation to hold its next convention in San Francisco.

♦ CALIFORNIA METAL MINE PRODUCTION IN 1913. ♦

Preliminary Figures Show Increased Output in All Metals.

California shows an increase in output of gold, silver, copper, lead, and zinc in 1913, compared with 1912, according to preliminary figures compiled by Charles G. Taft, of the United States Geological Survey. The mine figures for 1912 were \$19,713,478 in gold and 1,300,136 ounces of silver; the estimates for 1913 indicate an output of gold valued at \$20,013,274 and 1,606,261 ounces of silver, an increase for 1913 of \$299,896 in gold and 306,125 ounces of silver. There are about 1,100 producing metal mines in the State, and the deep mines are yielding about 2,700,000 tons of ore annually. It is probable that the increase in gold has come mainly from the deep mines, while the added quantity of silver has come from increased output of copper and lead-silver ores.

The producing deep gold mines of the State, which yield about 56 per cent of the total gold output each year, are between 450 and 530 in number and are situated in 26 counties. They have nearly 200 reduction plants, with a daily capacity of over 12,000 tons.



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The largest production from this source is derived from the five Mother Lode counties, where about 1,300,000 tons of ore are annually treated with an average recovery of \$3.70 a ton. During the year 1913 several of the old mines along the foothills and in the mountain counties have been reopened and equipped after lying idle for years, and some new "prospects" have been opened. It is a matter of encouragement to deep mining that the two deepest mines in the State—in Amador county—are in excellent ore and are in a prosperous condition. The Kennedy, at Jackson, is producing gold ore from a vertical depth of 3,600 feet, and the Aikona from 3,300 feet. The ore bodies in both these representative mines are large and well defined at the depths stated and the ore is profitably worked. At these and other quartz mines tailings are not allowed to pass into the streams as heretofore, by agreement with farming communities which claimed damages from such tailings. At the Kennedy four large elevating wheels lift the tailings and pass them to a 200-acre tract where they are deposited away from the streams that might carry them down to the farming lands.

In placer mining in California the dredges continue to furnish about 86 percent of the gold derived from the auriferous gravels. Of the total gold yield from all sources, deep and placer mines, the dredges produce about 38 per cent. As yet there are special signs to indicate any diminution of the total yield of gold from dredging operations, but some of the older fields are on the decline, the best ground having been worked out. A few of the companies have entirely worked out the plying ground in their holdings and have ceased operations. The operating companies in the old Oroville field of Butte County (the first worked in the State) are seeking new fields in the smaller streams and areas of dredging ground, notably along American, Mokelumne, and Trinity Rivers, where extensive prospecting has been going on during 1913. As for large operations the companies operating on Yuba River near Marysville and in Sacramento County near Folsom have still very extensive dredging areas in reserve and unworked. In consequence these companies have during 1913 been installing new equipment of greater capacity and efficiency, thereby reducing costs. Dredge No. 14 of the Yuba Consolidated Goldfields, an all-steel dredge and the largest in California, was built during the year

and started work on December 16, 1913. This machine has buckets of 16 cubic feet capacity, will handle between 1,000 and 12,000 cubic yards of gravel daily, and will dig 65 feet below the water line and pile tailings 40 feet above water line. Another dredge of this company, at work for two years past, handles from 9,000 to 10,000 cubic yards daily. During the year one dredge has been moved from Oroville to American River, and another from the same place has been rebuilt on Mokelumne River. Dredge No. 7 of the Natomas Consolidated has been rebuilt and put into operation. In the early part of the year some prospecting for dredging ground was done in Humboldt County and prospecting operations are now being carried on along Trinity River and on Coffee Creek in Trinity County. It seems probable that several dredges will be installed in small areas along Trinity River. The larger dredging companies have during 1913 been making experiments to perfect the gold-saving features of the dredges, and notably for handling the "black sands," which carry much very fine gold, a good deal of which is now lost in the mining operations. So far, however, no developments of great importance have resulted. In extensive operations it seems difficult to determine the exact point where the saving of fine gold is of sufficient commercial importance to justify extra machinery, extra handling of material, or slower operating speed.

Dredging has the advantage over most forms of placer mining that it requires less water in proportion to the quantity of gravel handled, and dredge miners are not materially affected by "dry seasons," which occur occasionally in California. The winter of 1912-13 was very dry and there was a scarcity of water for mining operations. As a result the output of the hydraulic, drift, and surface placer mines of the State was restricted. The hydraulic mining industry suffered most and many of the mines had only a few weeks' water supply to wash the gravel, and others only a few months' supply. Extensive operations in hydraulic mining are now largely confined to the northwestern counties of the State, where there are no legal restrictions compelling the miners to impound their debris or tailings, as there are in the central counties, in the drainage basins of Sacramento and San Joaquin Rivers. But even in Siskiyou and Trinity counties no new operations of magnitude have been be-

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gun during 1913, although a number of smaller mines have been started up or equipped for work for this winter. The hydraulic mines now produce only about 8 per cent of the placer-gold yield in California, and it is difficult to interest capital in them, though there are large unworked areas for hydraulic mining in many counties. The drift-mining industry of the State is even less prosperous and very few of these mines have been opened during 1913. Only about 4.50 per cent of the placer gold has come from the drift mines in late years, whereas they formerly yielded 10 to 15 per cent. The necessity of running long tunnels to reach the auriferous gravel lying beneath the lava-capped divides involves considerable investment before profits may be expected. Some of these mines are paying their owners well after preliminary work has been done. The surface or sluicing mines of the State are now of small moment compared with other forms of gold mining. Most of the available ground has long since been worked out, and it is only in small areas that work of this class is being carried on, mainly by foreign-ers.

Contrary to expectation the copper output of California in 1913, according to preliminary estimates, exceeded that of 1912, when the mine production was 33,451,672 pounds. The estimate for 1913 shows an output of 36,790,420 pounds, an increase of 3,338,758 pounds, notwithstanding continued agitation by farming communities against the damage claimed to be done by smaller fumes and the fact that several of the larger copper-smelting plants, idle from that cause in 1912, still continue unproductive. The largest copper mine in the State, the Mammoth, of Shasta County, continues mining and smelting and it is generally understood that fume damage has not been a great as represented. The Bully Hill mine, also in Shasta County, is still experimenting with a leaching process for its zinc ores but produced no copper in 1913. The Balaklava mine, in the same county, has been shipping small lots of ore to another smelter, but its reduction plant has been idle during 1913. This company is now considering the shipment of its ores by rail from Shasta County to San Francisco and thence to the smelter at Tacoma, Wash. Some ore will also be shipped from the mine to the Mason Valley smelter in Nevada. The Mountain Copper Co., of Keswick, Shasta County, ships the ore from its mines by rail to its smelter on the shores of San Francisco Bay. In the old Iron Mountain mine of this company extensive

bodies of low-grade copper ore have been discovered, and plans have been made for a large concentrating plant to be erected at the mine, the concentrates to be shipped to the smelter of the company.

During 1913 a commission was appointed to look into the matter of fumes from the plant of the Selby Smelting and Lead Co. on San Francisco Bay and is still at work, its report not being expected before next May.

Lead mining in the State made a marked advance in 1913. The mine report for 1912 showed a lead output of 1,144,731 pounds, while the estimated returns for 1913 show a yield of 5,060,841 pounds. This is an increase of 3,916,110 pounds and is due mainly to the renewal of mining and shipping operations of the Tecopa Mining Co., of Inyo County. Lead is mined in California in the counties of Inyo, Mono, and San Bernardino.

In zinc mining an advance in output is also shown, though it is small. In 1912 the mine report showed a yield for California of 4,345,591 pounds; the estimate for 1913 is 4,506,000 pounds, an increase of 159,509 pounds. Most of the zinc comes from the old Cerro Gordo mines of Inyo County, formerly worked for silver-lead ores.

PETROLEUM AGAIN BREAKS RECORD.

Production in 1913 Estimated by United States Geological Survey at Over 240 Million Barrels.

The remarkably great output of petroleum during each year of this century was more than maintained in 1913. The amount produced in the past 12 months exceeded 240,000,000 barrels, or about 32,000,000 metric tons, according to estimates of David T. Day, of the United States Geological Survey. The production in 1912, which made the record up to that time, was 222,113,218 barrels. The rate of increase in 1913 was greater at the end of the year than at the beginning. California increased at least 10,000,000 barrels over 1912, almost reaching 100,000,000 barrels. The consumption in California almost equaled the production, and the addition to stocks was very slight. Oklahoma also showed a significant increase, with about 6 per cent addition to the stocks. Texas and Louisiana likewise increased their product. The output of the Gulf field declined, but this was more than offset by the increases in northern Louisiana and Texas. Wyoming showed a significant increase from the Salt Creek field. Other States generally showed a decline, which was greatest in Illinois.

The following is an estimate of the production in 1913, compared with the statistics for 1912:

Petroleum production in 1913 (estimated) and 1912, in barrels.

States	1913	1912
California	98,000,000	86,450,767
Oklahoma	62,400,000	51,427,071
Illinois	22,600,000	28,601,308
Texas	14,000,000	11,735,057
Louisiana	12,000,000	9,263,439
West Virginia	11,000,000	12,128,962
Ohio	8,000,000	8,969,007
Pennsylvania	7,000,000	7,837,948
Wyoming	3,600,000	1,572,306
Kansas	2,000,000	1,592,796
Indiana	900,000	970,000

New York	800,000	874,128
Kentucky	500,000	484,368
Colorado	200,000	206,052
Other States	100,000	.....

Totals242,000,000 222,113,218

Appalachian Region.

In New York and Pennsylvania great efforts were made to increase production by new drilling and more especially by cleaning out old wells. No great success was obtained, and the usual decline resulted. A deep test boring at Derrick City, near Bradford, Pa., was carried to 5,673 feet with the hope of finding oil in the Medina sands. This boring is being continued.

In West Virginia no new pools comparable with the Blue Creek discovery of the previous year were opened. The drilling in Roane, Ritchie, and many other counties was successful enough to check the expected decline due to the decreased yield of Blue Creek.

The possibilities of finding oil in western Kentucky aroused general interest.

Eastern Ohio was actively drilled with fair results, and in the Ohio River region an interesting innovation in handling old wells gave promise of very beneficial conservation of old oil fields in the future. Compressed air was forced into the nearly exhausted oil-bearing sands through a well situated centrally in a group of old wells and the increase in yield was marked.

Limestone Fields.

The decline in the Lima (Ohio and Indiana) field was no greater than usual; in fact, the new development in Sullivan County, Ind., added an encouraging new supply.

Illinois continued the marked decline of 1912. Wildcatting gave unsatisfactory results.

Mid-Continent Field.

The entire Mid-Continent region, showed an increase, with a record total output. In Kansas prospecting returned to many localities which had been temporarily abandoned when the Glenn pool attracted all available capital to Oklahoma. During last year the high prices asked for favorable locations in Oklahoma reacted in favor of Kansas. The phenomenal bonuses obtained in auctioning leases on Osage Indian lands showed the high value of Oklahoma lands. The oil also increased in price to \$1.03 a barrel and would have gone higher but for the excessive production, which put oil into storage and created uncertainty as to future prices. Besides satisfactory development of the new Cushing and Cleveland pools, interesting prospects for new pools have been found at Newkirk, Wann, and Healdton.

Large Wells in Louisiana.

As usual, many large wells, difficult of control, were obtained in the Caddo region, Louisiana, including Mooringsport, and fires were disastrous. The product was irregular but showed an increase. In the Gulf region the product declined.

Through the efforts of the Louisiana Conservation Commission, the United States Bureau of Mines, and the oil operators the gas well near Oil City, which had run wild since the opening of the Caddo region, was closed.

Increase in Texas.

The Elctra and other fields in northern Texas continued to increase, and the decline in the Gulf region was

slight. Much wildcatting was in progress at many points over the State. Chief interest centered in a new development at Moran, in Shackelford County.

Increase in Wyoming.

Production increased in the Salt Creek field of Wyoming, and the erection of additional refineries was commenced. An important suit was begun by the Federal Government to recover oil lands entered upon since the first withdrawal order of former President Taft.

Increase in California.

At the close of 1912 consumption in California had so nearly balanced the productive rate as to encourage the producers and at least to defeat concerted effort toward restriction of drilling. Many of the wells of 1913 were gushers of the phenomenal type and aided greatly in increasing the supply. The efforts to increase consumption succeeded fairly well, so that except during the month of greatest production, September, when about 9,000,000 barrels were produced, the consumption almost kept pace with the output and the amount sent to storage was less than a million barrels.

The Fullerton field continued to yield large gushers with sufficient frequency to justify the attempts to reach the unusually great depth of the oil sands.

Farther north the "west side" fields of Kern County continued as strong factors in the increasing output of the State, and the Buena Vista Hills, Elk Hills, and other new districts gained in interest. Even the comparatively old Kern River field near Bakersfield sustained interest by wildcatting to the northwest, where the Standard Oil Co.'s well went into oil and aroused geological and financial speculation over a large area. The product of the district declined.

Coalinga's year had many eventful features, including extensions of territory to the east and the discovery of additional deep sands yielding oils containing paraffin. The value of the field was indicated by the sale of the California Oil Fields, Ltd., to the Snell Trading & Transportation Co., an ally of the Royal Dutch Syndicate, late in the year.

The Santa Maria field benefited by increased technologic development by which the oils were topped and dehydrated with markedly great efficiency. These developments included the successful introduction of the Cottrell electric dehydration process. The adoption of the Trumble and Dyer topping and dehydrating processes and the great advance in methods for obtaining gasoline from natural gas were among the striking achievements of the year, but while less spectacular, the economies effected by many minor improvements in the great refineries at Point Richmond, Oleum, and El Segundo contributed perhaps equally to the general problem of efficient refining.

In transportation the new pipeline of the General Petroleum Co. over Tehachapi Pass effected cheaper transportation to the south, and the natural-gas line to Los Angeles were equally advantageous. Meanwhile several new tank oil carriers and oil-burning steamships were added to the Pacific coast trade and aided in increasing consumption.

Fuel Oil for the Navy.

On account of the increased cost of

fuel oil for battleships and the fact that foreign corporations are rapidly purchasing reserves of oil in the United States, the Secretary of the Navy has recommended to Congress the policy of producing crude oil from the naval reserves and obtaining fuel oil from it.

There has been unusual progress in many parts of the country during the year in petroleum refining, especially in the dehydration of heavy crude oils, in obtaining gasoline from natural gas and synthetically from heavy oils, and in obtaining many special products from crude oils.

IRON ORE BREAKS RECORD.

Production of 1913 Exceeds by Large Tonnage the Record Figures of 1910.

The quantity of iron ore mined in the United States in 1913 is estimated by E. F. Burchard, of the United States Geological Survey, to have been between 58,000,000 and 60,000,000 long tons. This estimate is based on preliminary reports from 25 of the largest iron-mining companies, which represent the principal iron-producing districts and whose combined output is about 81 per cent of the total iron ore mined in 1912.

The average increase in output shown by these 25 companies was 8 per cent over that for 1912, and if this increase should be maintained by all the iron companies in the United States the total output of iron ore for 1913 should reach 59,500,000 long tons. At any rate, it appears almost certain that the former high record of iron ore mined, 57,014,096 long tons in 1910, has been surpassed in 1913. The reports received for 1913 showed considerable variation in the percentage of changes in output compared with 1912, the maximum range being from a decrease of 36 per cent to an increase of 56 per cent. These apparently wide variations were evidently due to conditions affecting particular companies rather than to general or even local conditions of the iron-mining industry; moreover, they concerned, for the most part, the operations of companies whose production is not sufficiently great to affect largely the grand total tonnage.

In the Lake Superior district, where about 85 per cent of the domestic iron ore is mined, the increase in production corresponded closely with that for the United States in general, or about 8 per cent, thus indicating a total production for that district of about 50,000,000 long tons, compared with 46,368,775 tons in 1912. The year 1913 is therefore a record year for production and shipments in this district also. The preliminary figures indicate that the shipments of Lake Superior ore by water will exceed 49,000,000 long tons, which, together with the all-rail shipments of more than 800,000 tons, brings the figures for total shipments of Lake ore very close to the tonnage of ore mined and indicates that not much change has occurred in the stocks of ore at the mines in the Lake district. These stocks amounted at the close of 1912 to about 9,500,000 long tons of ore.

In the Birmingham district, Alabama, the production of iron ore in 1913 as indicated by the preliminary returns was about 10 per cent greater than that for 1912. In Tennessee there was apparently a slight decrease and in North

Carolina a slight increase. New Jersey and New York both showed slight increases, while Pennsylvania showed a slight decrease. In the Rocky Mountain district of Wyoming, Colorado, and New Mexico there was a slight decrease.

The types of iron ore produced commercially consist of red and specular hematite, brown ore, magnetite, and siderite, or spathic ore. Hematite constitutes about 90 per cent of the output. Only a very small fraction of 1 per cent of the output is siderite, the production of brown ore and magnetite together constituting nearly 10 per cent of the total.

THE WORLD'S GREATEST MANUFACTURING CITY.

The metropolitan district of New York City, says a census report, embraces 616,928 acres of territory, of which 183,555 acres constitute the area of New York and 433,373 acres the area of the outside territory. The population of the city of New York in 1910 was 4,766,883 and that of the outside territory 1,707,685, the total for the district being 6,474,568. As defined at the census of 1910, the metropolitan district includes in addition to the central city, fifteen cities, forty-one boroughs, two villages, seventeen towns and seventeen townships.

In 1909 the New York city district had 31,782 manufacturing establishments, which gave employment to an average of 948,706 persons during the year and paid out \$607,755,267 in salaries and wages. Of the persons employed, 789,175 were wage earners. These establishments turned out products to the value of \$2,970,143,382, to produce which material's costing \$1,719,324,660 were utilized. The value added by manufacture was thus \$1,259,818,722. The New York city district ranked first in 1909 among all the metropolitan districts of the United States in the value of its manufactured products.

In the New York city district the greater part of the value of the manufactured products of the district was reported by factories within the central city, which is the leading commercial city and the industrial metropolis of the United States. New York city contained nearly three-fourths (73.6 per cent) of the population of the district in 1910, and contributed more than two-thirds (68.3 per cent) of the value of products in 1909. Its manufacturing establishments constituted over four-fifths (81.6 per cent) of all in the district, and gave employment to more than seven-tenths of the wage earners (70.2 per cent).

ADVERSE REPORT ON OIL IN MOHAVE DESERT.

Government Geologist Holds Out No Hope for "Strike" Near Barstow, California.

From time to time since 1900 the region between Mohave and Barstow in the Mohave Desert, California, has attracted attention as a possible oil field, and a report that valuable light-gravity oil occurs there has been widely circulated. Great stretches of land in the northern part of the desert have been located as oil claims, a consider-

able number of derricks have been erected, and wells have been drilled at four rather widely separated localities. Indications of oil have been reported in at least two of these wells. In the early part of December, 1912, R. W. Pack, a geologist of the United States Geological Survey, made a reconnaissance of the eastern part of this region in order to obtain a general understanding of its broader geological features and to determine if possible whether oil might reasonably be expected to occur there in sufficient amounts to be commercially valuable. A number of wells were examined ranging from about 1,000 to 3,000 feet in depth, but while a little oil has been reported from some of the wells and showings in others, in none has oil been struck in commercial quantities.

Further Drilling a Waste of Money.

The main conclusion arrived at as a result of Mr. Pack's examination has been entirely adverse to the idea that oil occurs in this region. Traces of oil and gas are present in different parts of the world in fine-grained sedimentary beds, and it is possible that similar traces of oil may exist in the fine-grained detrital beds of this region, but it is believed to be highly improbable that oil and gas occur here in greater amounts, and Mr. Pack's opinion is that the northern part of the Mohave Desert between Barstow and Mohave offers practically no promise of becoming a productive oil field and that further drilling will prove but a waste of money.

Even if oil was originally distributed in minute quantities through the rock, the structure is not such that it would have tended to collect or trap the oil. Irregular and faulted folds occur in at least three places northwest of Barstow, and it is generally reported that a well marked anticline passes through the hills north of Barstow. Indeed, it is believed by some that such a fold extends along the north side of the desert from Tehachapi Pass nearly to Barstow. This idea is erroneous, for the only folds here are small, discontinuous, and much faulted. Faults, not folds, dominate the structure. Thus the structure is much more favorable for the escape of any oil that might possible have been accumulated here than for its concentration in appreciable quantities.

This and additional information on the oil prospects of the Barstow-Kiamer region is contained in Bulletin 541-E of the United States Geological Survey, copies of which may be obtained free on application to the Director of the Survey Washington, D. C.

WATERPROOFING CLOTH.

Wiley Got the Idea From an Accident in a Dye House.

The waterproofing of cloth so universal today was unknown twenty-five years ago. In 1890 Thomas Fearnley Wiley of Bedford, England, took out the first patent for the process known as waterproofing cloth.

He got the idea from an accident in a Yorkshire dye-house. Certain goods had been wrongly dyed, and the workmen were directed to wash out the surplus logwood color with alum. After the goods had been dried the im-

provement was so marked that the dyer ordered a repetition of the alum washing. The cloth was sent to the wetting machine, but the workmen found that they could not wet it. It passed through the water and came out dry. Thus was the discovery made that cloth could be waterproof and yet remain porous.

The process used today is as follows: Cloth intended for rainproofing are first freed from grease and are then saturated in specially constructed machines with the clear liquor obtained in adding together solutions of pure sulphate and alumina and acetate of lead. The lead is precipitated out, and the acetate of alumina is dried in the fabric. The cloth undergoes further treatment with wax, and in one system wax is applied frictionally from a block under the pressure of a pneumatic roller. Under the method more generally used the wax or mixture of waxes, is melted by heat and applied in an infinitesimally fine film by the action of a ductor roller.—New York World.

DEPARTMENT OF THE INTERIOR.

Bureau of Mines.

New Publications. (List 25.—January, 1914.)

BULLETINS

Bulletin 66. Tests of permissible explosives, by Clarence Hall and S. P. Howell. 1913. 3 1/2 pp., 1 pl., 6 figs.

Bulletin 70. A preliminary report on uranium, radium, and vanadium, by R. B. Moore and K. L. Kilb. 1913. 101 pp., 4 pls., 2 figs.

TECHNICAL PAPERS.

Technical Paper 50. Metallurgical coke, by A. W. Belden. 1913. 48 pp., 21 figs.

Technical Paper 54. Errors in gas analysis due to assuming that the molecular volumes of all gases are alike, by G. A. Burrell and F. M. Selbert. 1913. 16 pp., 1 fig.

Technical Paper 56. Notes on the prevention of dust and gas explosions in coal mines, by G. S. Rice. 1913. 22 pp.

MINERS' CIRCULAR.

Miners' Circular 7. The use and misuse of explosives in coal mining, by J. J. Rutledge. 1913. 52 pp., 8 figs.

The Bureau of Mines has copies of these publications for free distribution, but can not give more than one copy of the same bulletin to one person. Requests for all papers can not be granted without satisfactory reason. In asking for publications, please order them by number and title. Applications should be addressed to the Director of the Bureau of Mines, Washington, D. C.

COUNTY COURT HOUSE REPAIRS.

STOCKTON, January 15.—The feasibility of adding three stories to the county Courthouse, the removal of the dome, which is considered the worst firetrap in town, and the installation of steel in the construction work, if such a theory happens to be advanced properly, were questions brought up in a discussion by prominent citizens at the Courthouse recently.

That the addition would greatly enhance the beauty of the building and that the proposed work would do away with the erection of a City Hall, in case the city decided to erect one, were points enlarged upon by several.

It is understood that the Board of Supervisors appreciates these facts, and is now awaiting action on the part of the city officials before going ahead with the plans.

QUESTION OF A FRANCHISE.

STOCKTON, January 15.—The Railroad Commission recently denied the Oro Electric Company a certificate to permit it to do business in Stockton. An appeal, taken to the Supreme Court, was argued and submitted. Stockton granted the Oro Company a franchise and the Supreme Court is asked to decide that the franchise is sufficient. Decision in favor of the company would limit to a considerable extent the powers granted the Railroad Commission by the Legislature.

PLANS ARE PREPARED FOR MORE CITY BUILDINGS.

The Board of Works has requested the Supervisors to authorize the construction of these buildings: Cooper School, at Jones and Lombard streets, at an estimated cost of \$15,000, the plans being prepared by Houghton Sawyer; engine house No. 12, at Drumm and Commercial streets, according to Ward & Blomme's plans, at an estimated cost of \$60,000; auxiliary fire alarm station in Jefferson square, according to the City Architect's plans, at a cost of \$40,000; Potrero Emergency Hospital, according to G. Colmesnill's plans, at a cost of \$17,500.

The Board has invited bids for the heating and ventilating system for the new City Hall, the cost of which is estimated by the architects at \$75,000.

J. D. McPherson, an engineer, has been appointed by the Board at \$250 a month to go to Johnstown, Pa., to inspect the special track work for the municipal railway lines that is to be manufactured under contract by the United States Steel Products Company, which will defray his traveling and hotel expenses.

CANAL TO OPEN FOR SHIPS JULY 1.

The use of the Panama canal for commercial shipping will not be practical before July 1st, according to information received by the Chamber of Commerce from Colonel Goethals. Numerous inquiries at the office of the foreign trade department from various transportation companies and other enterprises to be affected by the use of the great waterway prompted the local organization to cable Goethals at Culebra on Thursday, requesting the approximate date of opening.

Several large shipping concerns have already chartered steamers and are in readiness for the first trip through the canal. Reports a while back stated that February or March would mark the completion of work in connection with the canal in the event that further slides did not interfere. Colonel Goethals' latest announcement is not accompanied by an explanation of the latest delay.

LOCAL MAN BUYS BIG TRACT IN THE VALLEY.

STOCKTON, January 10.—It is announced that the big McLaughlin tract, near Tracy, has been purchased by Louis Titus of San Francisco. It is also said that Titus will spend at

least half a million dollars for improvements.

The tract involves perhaps close to 12,000 acres and is known in Stockton as the Crocker-Winship property. There are some 8000 acres under cultivation, while about 4000 acres are unclaimed. The price was not stated.

CITY ORDINANCE RULES OVER STREET OPENING.

The city Attorney notified the supervisors and the Board of Public Works of the decision of the Supreme Court sustaining the validity of the new street opening ordinance under which public service corporations must obtain permits before cutting up pavements to extend their service. The decision was given in a case growing out of the arrest of an employe of the Pacific Gas & Electric Company.

The city attorney also rendered an opinion to the effect that the city should pay the premium on the surety bonds required of employes of the Municipal Railway.

FIRST WORK IS DONE ON VAN NESS CITY LINE.

Members of the department of engineering, as one of the preliminary steps in the building of the new Municipal lines, have just measured the curves and cross sections of the Union and Geary street municipal railways where they will turn into Van Ness avenue.

The building of the Van Ness line will be one of the first pieces of railway construction to be done under the recent bond election. This will be one of the main arteries leading to the Exposition.

STATE ACCIDENT BOARD READY.

SACRAMENTO, January 15.—The State Accident Insurance Commission held its first meeting at Sacramento recently and discussed expenditures with the State Board of Control. Commissioners Harris Weinstock, Will J. French and Secretary Ira B. Cross were present.

The first claim under the new law, that of John F. Burns against the Yuba Construction Company, was discussed. Burns fell through a hatchway on a dredger and broke a rib. The commission took the case under advisement.

More than \$200,000 in premiums has already been paid into the commission, representing insurance on payrolls aggregating \$20,000,000, and the organization which the commission is preparing to take care of possible injured is an extensive one.

PLAN NEW SCENIC ROAD.

RICHMOND, January 15.—The John Nicholl Company is preparing to construct a scenic road from the extension of Richmond avenue on the west side of the city over the hills facing on the inner harbor and going around Columbian Knob.

The road will be a loop and will tie in with Richmond Avenue. Construction is to start as soon as the rains cease.

ALAMEDA COUNTY'S FAIR CONTRACT.

OAKLAND, Jan. 15.—The contract between the County of Alameda and the

Panama-California Exposition in San Diego in 1915 was received. The agreement calls for 2000 feet of space in the building to be devoted to the central coast counties. The amount involved is \$5000. The contract was based upon the recommendations of the Alameda county exposition commission and the contract was accepted by unanimous vote. The county must pay \$2500 down, 25 per cent in 90 days and the balance on the completion of the central counties building.

HARBOR BONDS FIND ONE BIDDER.

RICHMOND, Jan. 15.—Only one bidder offered to take the \$200,000 bond issue for harbor bonds which the city council has offered to sell. The opening of bids was up last evening and the bid was that of Farson, Son & Company of Chicago, who offered a premium of \$11 for the issue.

The bid went over for one week for a report from the City Attorney

NEW PLANING MILL FIRM.

Otto F. E. Burmeister and J. A. Hart have formed a co-partnership under the firm name of Hart & Burmeister for the transaction of a general planing mill business at 1065 Brannan street, near Tenth, being the former plant of the Usona Mfg Co.

Both these men are practical men of many years experience and any work entrusted to their care will be done right.

CALL BOND ELECTION.

RICHMOND, CAL., Jan. 13.—The Board of Education has set January 31st, a Saturday, as the date when the proposition of issuing bonds in the sum of \$150,000 for new school buildings will be submitted to the electors of this city.

PLANS BIG OIL TANKS.

BAKERSFIELD, Jan. 12.—The Standard Oil Company is preparing to build a field of oil tanks at Pond station, and will employ a crew of about 200 men and with seven hundred head of horses and mules prosecute the work. The work will be started within 60 days. Forty or more tanks ranging in size from 35,000 to 55,000 barrel capacity will be constructed.

UNION STATION WANTED AT MODESTO.

MODESTO, January 15.—The move for a union station for Modesto has been launched by the Chamber of Commerce. It is planned to have the Tidewater Southern trains, operating between here and Stockton; the Modesto-Empire trains, which connect Modesto with the Santa Fe at Empire, and the Southern Pacific trains all enter at one station. The Southern Pacific is planning to build a new station here this year. Frank Cressy Jr., succeeded J. W. Corson as president of the chamber.

IRRIGATION PROJECT 10.

RED BLUFF (Tehama, Co.), January 13.—A meeting of the Board of Directors of the Iron Canyon Project Association, consisting of Harry K. Willard, Charles A. Lange, William F. Lunning, G. G. Stice, A. L. Conrad, Ed F. Lennon, Earl L. Gams, J. H. Bradley, John O'Connor, John Trede

and H. P. Andrews, will be held this evening in the Court House.

Hon. E. G. Hopson of the United States Reclamation Service will be present to discuss matters of great importance to the Association.

\$500,000 MARINE HOSPITAL FOR SAN FRANCISCO.

WASHINGTON, January 15.—A new \$500,000 marine hospital building for San Francisco was asked in a bill introduced by Senator Perkins.

WHEN PHOTOGRAPHY WAS DISCOVERED.

Perhaps it is difficult fully to understand the panic into which the followers of the art of painting were thrown on the discovery of photography, since to us the place of the two arts is so thoroughly assured and so assuredly separate. But we must remember that to an unphotographed age the art of painting necessarily meant something quite different from what it means to our own kodaked generation. "Figure to yourself," cries a writer in shrill excitement in the *Moniteur Universel*, January 14, '33, "figure to yourself a mirror, which, after receiving your image, presents you your portrait, as indelible as a painting and much more faithful!" And in rendering the image of nature, how immensely significant becomes the language of the bill which was introduced before the French Chamber to pension M. Daguerre: "To the traveler the apparatus of M. Daguerre would become a continual and indispensable necessity. It will enable them to fix their impressions without having recourse to the hand of a stranger."—Annie Nathan Meyer in *Atlantic*.

SPREAD OF THE SOCIAL CENTER IDEA.

That the social-center idea has come to stay is indicated in a report just compiled by Clarence Arthur Perry, of the Russell Sage Foundation, New York city. Perry shows that in places where the movement has already started the rate of growth is much higher than the rate at which it spreads in new localities. In other words the actual results of the social center are more effective in getting public support than the words of its most enthusiastic champions. The work is getting on a more solid basis. seventy-one cities had, during the winter of 1912-13, paid workers for some form of social center activity, as opposed to forty-four the previous season, and the amount expended in the maintenance of school centers has grown from \$139,535 in 1912 to \$324,375 in the past year. There are 1927 paid workers reported. This, with the volunteer workers, brings the number of persons engaged in social center direction considerably above the 3000 mark. That the general social and recreational possibilities of the "wider-use-of-the-school-plant" movement are making a constantly greater appeal may be seen from the fact that in 981 schoolhouses there were public entertainments and lectures; in 496 school buildings there were open meetings of adults to discuss local problems; athletics or folk dancing in 474 schools; and social dancing in 190. A notable development of "wider use" in

1912-13 was for election and other civic purposes. Balloting during elections took place in 529 schoolhouses; 259 buildings were used for registering voters; and political rallies to the number of 481 took place in school edifices

Proposals.

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received by the CITY OF MANHATTAN BEACH, Los Angeles County, California, until 5 O'CLOCK P. M. THURSDAY, FEBRUARY 7th, 1914, for furnishing the material and labor required to construct a MUNICIPAL WATER WORK SYSTEM in and for said City of Manhattan Beach.

Proposals must be submitted on special Bidding Schedules and enclosed in special Bidding Envelopes obtained from the City Clerk.

Each proposal must be accompanied by a certified check on a reliable bank or by Bidder's Bond, in satisfactory surety, for a sum equal to ten (10) per cent of the total amount of the bid. Bids will be received on three (3) different schedules, to-wit:

Schedule "A." The work as a whole.
Schedule "B." Any or all of the required material 1. o. b. Manhattan Beach.

Schedule "C." Any or all of the construction work.

EACH SCHEDULE REPRESENTS AN INDIVIDUAL BID AND MUST BE SUBMITTED IN ITS RESPECTIVE ENVELOPE.

Each a different type or kind of the same material shall be considered an individual bid and must be submitted on separate schedules, but there is no limit to the number of individual bids which may be submitted in the same schedule envelope.

The Plans, Specifications and other documents relating to the work may be seen and examined, without charge, at the office of the City Clerk in Manhattan Beach, or copies of same may be obtained by prospective bidders, for personal use, upon the payment of Eight Dollars and Sixty Cents (\$8.60).

Bidding Schedules and Envelopes will be furnished free of cost to all prospective bidders upon request, provided the request is accompanied by a statement that the Plans and Specifications, and all documents attached thereto, have been examined and are thoroughly understood by the prospective bidder, and that the schedule or schedules wanted be specifically named.

The Board of Trustees of the City of Manhattan Beach reserves the right to reject any or all bids and to waive any irregularities in any or all bids, and it is hereby stipulated that the submission of a bid to the City shall constitute a waiver by the bidder of any obligation on the part of the City of Manhattan Beach to contract for the purchase of any or all material or labor herein advertised for.

THE WORK WILL CONSIST OF PUMPING AND PLACING APPROXIMATELY:

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 - 4 Eight inch Gate Valves and Cases.
 - 7 Six inch Gate Valves and Cases.
 - 62 Four inch Gate Valves and Cases.
 - 32 Three inch Gate Valves and Cases.
 - 103 Two inch Gate Valves and Cases.
 - 103 Two Stream Fire Hydrants.
 - 17 One Stream Fire Hydrants.
 - 1 Frame Pump House.
 - 1-315 G. P. M Direct Connected Well Pump.
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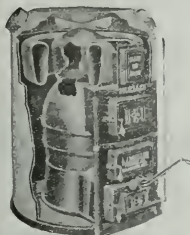
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PLASTER BOARD.

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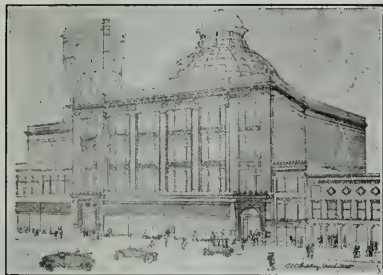
Interior walls dampproofed with Imperial Damp Proofing. Exterior walls waterproofed with Imperial Water Proofing. Color effects with Imperial Pigments.



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Wright, Rushford & Cahill, Architects

Exterior waterproofed with Imperial and color effects with Imperial pigments.

KAHN BROS. DEPARTMENT STORE, OAKLAND
C. W. Dickey, Architect

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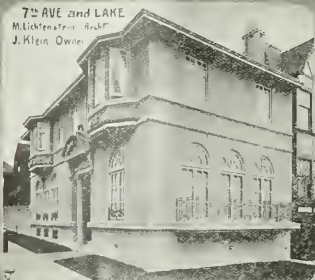
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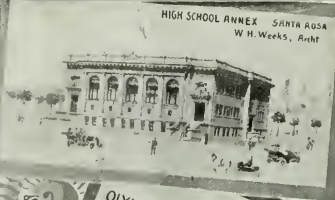
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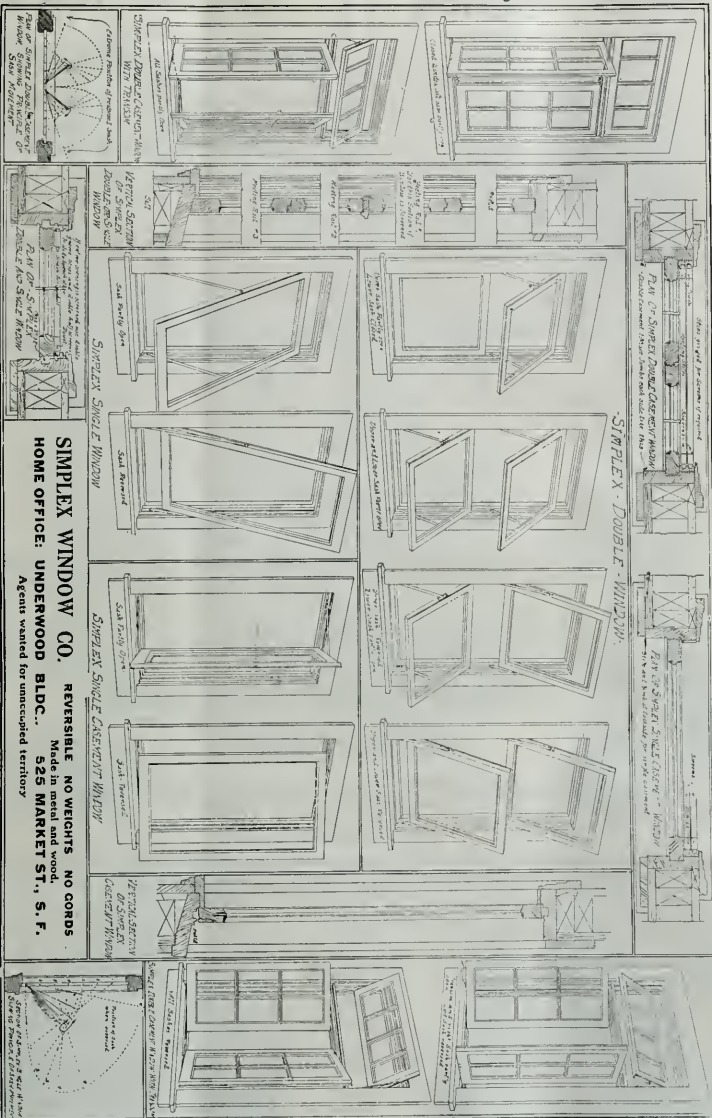
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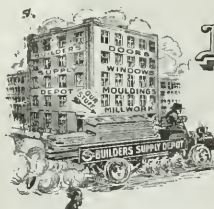
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Editorial Comment.

The status of the Hetch-Hetchy water supply was a hopeless tangle till Engineer Freeman made his report on the subject. Then the atmosphere was clarified, a layman could understand the subject. Then the atmosphere was formulated whereby the city could get a water supply.

In an analogous way the attitude of the United States in regard to Alaska has been made plain by Secretary Lane in his report. Under Baillinger and former Secretaries of the Interior there was a lot of report and divers contentious and nobody seemed to know just what the situation was. The present Secretary in his report for the fiscal year ending June 30, 1913, has clearly stated the condition of that country, the immense wealth that it contains and the duty that the United States owes to this vast country in the frozen zone.

The government has withdrawn Alaska from the possibility of being exploited by the money interests of the country. The Guggenheim interests are no longer a menace to the coal lands and the timber and mineral wealth of the country. But as yet the government has done nothing to substitute a safer guardian for the public interests and for the development of the country.

Secretary Lane suggests that a Board of Directors should be established into whose hands would be given all the national assets of the country, its lands, its forests, its mines, its fisheries, its waterways and railroads. This board would have nothing to do with the internal affairs of the country and would exercise no powers save such as Congress might grant over the property of the United States.

The arguments set forth by the Secretary in favor of this policy are briefly these: In the first place this board would advise Congress what to do from a first hand knowledge of conditions. And it would bring authority under one head so that there would be some definite responsibility and unity of action. As matters stand the control of land is in one department, of forests in another, of roads in another, of fisheries in a fourth, of railroads in another department and so on. And to show to what ridiculous ends this subdivision is carried the Secretary cites the fact that the care of brown bears is in one department and that of black bears in another. No wonder that there is no satisfactory administration of government under such conditions. One would seem to think that authority had been purposely sub-

divided to render it inefficient and make it impossible to fix responsibility.

The Secretary very appropriately states that there can be no satisfactory administration of land laws or of any other laws at a distance of 5000 miles. That Alaska's opening and improvement should be treated as one problem and that "the eye that sees the need should be near the voice that gives the order."

During the forty-six years that we have owned Alaska it has added to our wealth more than \$500,000,000 through the yield of its mines, fisheries and furs. Secretary Lane believes that the territory should be developed so far as possible out of her own revenues and resources. The funds raised from the revenues derived from her mines, her forests, her fisheries and her furs to be used in the construction of railroad and telegraph and telephone lines and for any other purpose which would make her resources more available to the world.

A great deal of criticism has been made of President Wilson concerning his attitude on the Mexican situation, by the socialists. Their idea seems to be that the peons should be restored to the land of their fathers and that the lands that have been taken by the oligarchy of the Mexican republic should be restored to the place they originally belonged. They say that the peons do not want progress, that they want to live as their fathers did, till the soil to get enough to exist on and continue in the way of their fathers.

This may all be a pretty theory but it stops short of the one essential of all government—and that is protection of life and property. How are bandits to be prevented from robbing their neighbors, and how is crime to be prevented? By what magical transformation are all people going to obey the moral law? Suppose every body was restored to their lands who would protect them in their rights of property and guarantee them personal safety or prevent them from being murdered by their neighbors?

These socialistic theories are usually half baked and leave out many essential elements of human nature and political philosophy. The preamble to the United States Constitution recites the purposes for which the constitution is enacted to be "to establish justice, insure domestic tranquility, provide for the common defense, promote the general welfare, and secure the blessings of liberty to ourselves and our posterity." This sort of constitutional government the President is seeking to have established in Mexico. How best to secure it is the great problem which seems well nigh impossible of solution. In the meantime every fly-up-

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the creek philosopher is telling how it could be done over night. Willie Randolph Hearst is exhorting about the American people and every jawsmith is having his say. So far the President has the support of the great mass of the thinking people of the country. The majority think he is of the right mind and that he knows more of the situation than all his critics combined.

Among the unemployed in Los Angeles it was found that the men accepted any job under any conditions, at any wages, and that the women likewise accepted any job under any conditions, at any wages, provided it was something else than domestic service. Many of them would not accept domestic service at all, though plenty of positions were offered at good wages. This is perhaps not so surprising as the other fact that of those who were willing to accept domestic services nearly all were extremely particular as to the nature of the place accepted. A woman looking for clerical work took the first place she could get and asked no questions. Another woman looking for washing, scrubbing or similar hard work likewise took the first place she could get and asked no questions. But every woman looking for domestic work scrutinized the conditions of the places very critically and usually refused several places before being induced to accept one.

This at first blush would seem to be a serious commentary on the conditions imposed by many employers in domestic service. Possibly, however, some of the difference is inherent in the very nature of the jobs. All other forms of work affect only a portion of the life of the worker. Almost any conditions are endurable for eight hours a day. The social stigma which has somewhat attached itself to domestic service doubtless keeps many otherwise willing workers out of it. But even among those who are not deterred by this social stigma there is more disposition to distinguish between one job and another than in any other occupation.

Another interesting sidelight on domestic service as shown by the report that in Los Angeles servants working for more than \$40 a month are never out of a job, while large numbers of servants working for less than \$30 a month are chronically unemployed in the face of the fact that more than an equal number of employers of such servants are chronically without help. The two classes of course are those who have learned the business and those who have not. For the cook who can cook, the waitress who can wait, or the general housekeeper who can do house work there is always a job at high wages. For the servant who wants a place but will not condescend to learn the trade there is also a place, but there is usually dissatisfaction on both sides.—Fresno Republican.

The San Francisco Examiner has become the champion for the abolition of prize fighting. Editorially it comes forth for the abolition of the brutal sport. Which reminds one that if the public was interested in the sport as it was a few years ago the Examiner would hire all the literary men in the country and devote four-fifths of its space.

The Bulletin, for instance, is leading the hysterical wave that seems to be sweeping over the country in regard to crimes and criminals and the white slave problem. Just now the people are standing in line to see the exhibition of moving pictures as to the inside of the white slave traffic and a curious mob falls over itself to see a lot of pictures that an intelligent person ought not to look at if he was paid a dollar an hour for his time.

Anything to get a circulation and make money for the paper. Such has become the office of the "great dailies" as they are called. If it is to debauch the public taste and espouse a crime in order to fill its purse the average newspaper will do it. And the present state of the theatre, the moving picture shows, and the confessions that run in the papers that cater to the ever changing taste of the multitude seem to indicate the public taste is not improving at any alarming rate of speed.

Edgar Lucien Larkin, the astronomer at Mt. Lowe observatory, has come out with the statement that it is impossible to predict the appearance of sunspots and as a consequence Father Ricard's theory as to the cause of storms must of necessity fail. If what Mr. Larkin says is true that the records of years past that have recorded every sunspot that has ever appeared during the time show that there is no law by which the appearance of sunspots can be foretold with any degree of accuracy it would necessarily follow that storms depending upon such phenomena for their cause could not be foretold.

This controversy will have some good effect in that it will call popular attention to the study of astronomy and the almost incomprehensible mathematical laws by which the movements of the majestic suns and worlds are determined.

The question of Japanese exclusion is again up before Congress and it is said that the Baker bill has been suppressed for the time being. It is a strange thing that the people of the Eastern States and particularly the Eastern press wish to decide questions off hand in which the people of California are interested and are particularly hostile to us. In the case of the Dutch-Hetchy water supply, for instance, the general attitude of the Eastern press was that San Francisco was a burglar and seeking to steal by the method of a highwayman the property that belonged to the National Government. And in this they were led by the great and only John D. Works, Senator from the great State of California.

It is a strange thing that there is no objection by the Japanese against the action of Canada in regard to exclusion. In the case of Canada the laws are much more drastic. But here the Japanese are evidently backing on the sentiment of the Western people and the Eastern press and their power in Congress and in the meantime California has to bear the burden imposed upon it by a prejudiced press.

The National Geographic Magazine for December has a leading article

upon the Religious Penances and Punishments Self Inflicted by the Holy Men of India. It is illustrated with seventy-five photographs showing the strange and often horrible self torture that these religious fanatics inflict upon themselves. It is interesting to know that such sects still exist in a land where religious philosophy and metaphysical research has been carried to such a degree of refinement.

Generally speaking religious ideas have changed materially in the last half century. Mechanical and industrial progress and universal education have led the average mind to view man in his relation to the world at a different angle and the scientific investigations of modern times have rendered untenable many preconceived ideas of former years. This adjustment is aptly referred to in an editorial of the Kansas City Star entitled "The Sea of Faith."

In the middle of the last century Matthew Arnold voiced the doubt that engulfed the scientific men of his time in his poem, "Dover Beach."

The Sea of faith

Was once, too, at the full, and round
Earth's shore

Lay like the folds of a bright girdle
furled.

But now I only hear
Its melancholy, long, withdrawing roar,
Retreating, to the breath
Of the night wind, down the vast
regions drear

And naked shingles of the world.

In the sadness of these lines is embodied the tragedy of so many of the men of his generation who were brought up in a faith which they were unable to make their own when the time came to work out their independent philosophy of life. It was an age of disillusionment, in which many a heart cried out, "They have taken away my Lord and I know not where they have laid him."

But "Dover Beach" belongs definitely to the middle of the last century, when it looked to many men as if the foundations of their beliefs were crumbling. In recent years a change has come in the mood of the men of the Arnold type. It might be called the practical need.

Men have discovered that as they worked, as they took up the duties of everyday life, as they met their obligations to their neighbors, the tide of faith came back. This was a fact that had to be taken into the account by the philosophers and psychologists. They saw that man really was a religious animal and that his devotion to ideals was as much a part of his life as his eating and sleeping were.

The careful studies of men of scientific temper, like Royce and James in the United States, and Bergson and Eucken abroad—to say nothing of a host of lesser men—have explained the reality of the religious life. "Explained" is the word, rather than "demonstrated." For this reality is experienced, not proved, by logic. So today more than ever before, the naked shingles of the world are suffused with light and everywhere hosts of men and women are working to realize those ideals which the prophets of all ages have proclaimed.

ELEMENTS ON STONE.

**Effect of Heat and Corrosion by Gases
as Determined from Experiments
with Building Stone.**

By Wm. A. Parks, B.A., Ph.D.*

From Report on the Building and Ornamental Stones of Canada, published by the Canadian Department of Mines, Ottawa.

The atmosphere consists essentially of oxygen, carbonic acid gas, and nitrogen; the last of these is practically inert, but both the oxygen and carbonic acid act as chemical agents towards effecting the destruction of stone. As an accessory constituent of the atmosphere, water is always present; on setting from the atmosphere the water, whether as rain, dew, snow, or hoar frost, is charged with a certain amount of both oxygen and carbonic acid gas. The water, therefore, which enters the interstices of stone, or which may act on the surface only, is not pure water but a mild acid and an oxidizer as well. It is to the presence of these chemical agents in the water that is due the oxidizing of the uncolored salts, and also the gradual change of silicates, such as feldspar, into a soft clay-like material. Pure water is able to dissolve limestone scarcely at all, but ordinary rain water, with its little charge of carbonic acid, effects the solution of limestone with comparative ease. The great caves of Kentucky have been cut out of beds of limestone by the solvent water of percolating rain water. It is not to be expected that buildings constructed of limestone will escape. As there is no means of avoiding the carbonic acid, the builder must exercise all possible precautions to guard against the soaking of water into the walls of the building. This simply brings us back to the question of porosity which has already been considered. Other things being equal, a porous limestone will dissolve more quickly than a compact one. The percentage of carbonic acid in the atmosphere of large cities is slightly greater than in the open country, the difference, however, is much less than is ordinarily supposed. The average volume per cent of carbonic acid gas in the atmosphere is 0.03 to 0.04 per cent. In London on clear days it is 0.038 per cent, on dull days 0.045 per cent, and on cloudy days 0.051 per cent. The direct action of the gas cannot therefore be greatly different in cities and in the country. Experiments have been made to determine the effect of an atmosphere of carbonic acid in the presence of moisture on samples of limestone and marble. The tables published show little deterioration in the short period of time over which the experiments extended.

As it is not only in a moist atmosphere but when the stone is soaked with water that the carbonic acid produces its injurious effects, it was decided to determine the corrosive action of this material on specimens immersed in water. For this purpose cubes were prepared having an approximate size of one inch and therefore presenting six square inches to the action of the solvent. The cubes were dried at 110 degrees C., and carefully

weighed; they were then measured and the exact superficial area determined. The specimens were suspended by threads in a large bottle filled with distilled water into which a stream of carbonic acid gas was conducted. The water was renewed every four days and the action allowed to continue for four weeks. At the expiration of this time the specimens were removed washed in distilled water and rubbed with the tips of the fingers to remove loose particles, as such grains constitute an essential loss as well as the particles which fall from the cubes while suspended in the bottle. After thorough drying, the specimens were weighed and the loss noted. A very interesting and valuable series of figures was obtained, which is believed to express, as well as any single set of results can, the relative durability of the different stones tested. In the table given in the appendix the loss is expressed in grams per square inch of surface exposed. While the actual loss is in itself small in most cases, the figures regarded in a comparative way show a wide divergence in the resistance of the different stones to the action of carbonic acid, which must be regarded as the most potent agent in promoting the decomposition of stone. An analysis of the table shows that the limestones and dolomites varied from 0.005 grams to 0.33 grams, that the sandstones show a range from 0.0018 grams to 0.1135 grams, and that the crystalline limestones and dolomites vary from 0.0019 grams to 0.9 grams. It is interesting to note also that the granites and gneisses were effected to an extent ranging from 0.000184 to 0.0045 grams per square inch of surface.

The change in color brought about by the action of the carbonic acid is very distinct and corresponds closely with the alteration resulting from natural weathering of long duration in all cases known to the writer; it is inferred, therefore, that this test furnishes a ready means of determining the change in color that will take place on exposing a stone to the weather. A table is inserted in the appendix expressing the change in color as thus determined.

It is well known that dolomite is much less easily dissolved by carbonic acid than calcite and it would seem therefore that dolomite is the more durable material. In all the tests made the dolomites lost far less in weight and suffered less change in color than the limestones, in spite of which, authors state that it has been proved by experience that limestones are less durable than dolomites. It is apparent that one must remember the nature of the stone when using these figures for comparative purposes. It would be absurd to state that a limestone which loses ten times as much as sandstone is ten times less durable. But, it is believed that, within the group of limestones, those which suffer the greater loss are the less durable.

Likewise, the sandstones which lose a greater amount are less durable than those in which the loss is not so large.

In cities where large amounts of coal are consumed the air is contaminated with sulphurous acid which is a much stronger corrosive than carbonic acid. It is advisable to ascertain, in the case of stone intended for use near railway stations and manufacturing, its resistance to the action of such limes. Buckley performed this test by placing small cubes of stone, carefully dried and weighed, in a large glass bottle in which smaller bottles of water with open mouths served to keep the atmosphere moist. Sulphurous acid gas was then introduced, and allowed, with occasional renewals, to act on the stone for 44 days. The specimens were then removed, washed, dried, and weighed and the loss noted. Discoloration, development of cracks, etc., were also observed. Buckley found that some of his samples increased in weight while others lost; they were all, however, more or less discolored and etched.

The Custom House at Niagara Falls, Ont., is constructed of Queenstown limestone. This stone, in most structures, presents a good appearance after many years of exposure, but in the building mentioned, the dressed work shows bad exfoliation as well as corrosion along the bedding planes of the stone. There is little doubt that this unfortunate result is to be attributed to the sulphurous acid fumes from the locomotives of the nearby Michigan Central Railway.

Effect of Heat on Stone.

Like nearly all substances, stone expands when heated and contracts on cooling; the frequent repetition of this process from day to day cannot fail to impair the strength of the stone. The deterioration usually manifests itself by scaling and exfoliation. In some cases, also, incipient cracks are developed which permit of the more ready escape of water thereby facilitating decay. In climates where there is a considerable difference between the temperature of night and day, more attention must be given to the selection of stone of slight expansibility than in more uniform climates. Another injurious effect of the expansion and contraction is to open the joints between contiguous blocks of stone. Small as the opening is, it is sufficient to allow the entrance of water with all its harmful effects. The amount of expansion of the different types of stone has been determined by different authors. The figures obtained by W. H. Barlett are most commonly quoted as follows:

In. per foot for each degree
Granite expands 0.00004825
Marble expands 0.00005668
Sandstone expands 0.00009523
It should also be noted that delicate experiments have proven that stone once expanded by heat never quite contracts to its original size. The difference may be only infinitesimal, but

It is sufficient to show that the stone has suffered some permanent injury. Numberless repetitions of the same treatment cannot fail to weaken the whole stone throughout its mass. It is generally considered that fine grained and homogeneous stone is less liable to injury than coarser and less uniform varieties.

The excessive heating of stone when subjected to fire causes a relatively large expansion, followed by rapid contraction. The change may be extremely sudden, as when the flow from a fire hose comes in contact with the hot stone. The fire resisting properties of stone are therefore a matter for serious consideration on the part of builders, particularly in large cities. It may as well be plainly stated that no stone will pass through a serious fire uninjured. The amount of injury resulting from a fire of given intensity varies greatly with the character of the stone. Some stones withstand fairly well a temperature as high as 1200 degrees F., while others are totally destroyed at a much lower temperature. With regard to the heat resisting power of the different types of stone there seems to be some difference of opinion. It would seem, however, that limestone and marble, if the heat has not endured long enough to calcine the stone throughout, are more durable than granite and sandstone. Certain siliceous examples of the sandstones and conglomerates are, however, able to withstand a very high temperature.

Tests to determine the fire resisting power of stone are made by subjecting prepared cubes to a temperature of 500 degrees F., which is gradually increased up to 1200 degrees or 1500 degrees. The specimens are then allowed to cool naturally or they are rapidly cooled by being plunged in water. Buckley found that all three types of stone were practically destroyed at temperatures between 1200 degrees and 1500 degrees F.

CIVIC OWNERSHIP PAYS IN SEATTLE.

By Edward P. E. Troy.

Seattle may just boast of possessing the largest municipal electric plant in the United States, with an income greater than any similar American municipal undertaking. The vote of its people last year, approving of the purchase of the Lake Cushman and White River power sites, will enable that city soon to operate one of the greatest electric plants in the world. It will furnish at cost 215,000 horse power for the lighting of the city and its homes, and the operation of its manufacturing industries, thus insuring the commercial supremacy of that place.

From the beginning of the city in 1869 its charter has provided for municipal lighting. In 1902 the voters approved of a bond issue for that purpose, and in two years the plant was in operation. The private company was charging 20 cents per kilowatt for residence lighting. Immediately after the city commenced to build its plant this rate was reduced to 12 cents.

The city commenced supplying current for 8½ cents; in 1911 reduced its charge to 7 cents, and last year to 6

cents. The company has been forced to follow the city in these reductions. As a result of municipal ownership, the people of Seattle are paying today one dollar for the same quantity of electricity that they had to pay three dollars for to the private company.

The city plant has also established a rate of 3 cents for cooking, washing, sewing, ironing and other domestic appliances. The people of Seattle, through municipal ownership, are furnished the great modern convenience—electricity—for all purposes in the home at such a low cost as will permit its use by every one.

There are over 800 arc and more than 5,000 other electric lamps in the municipal street lighting system. The cluster lights alone illuminate more than twenty-five miles of streets. The company formerly furnished 213 arcs at \$66 per year, and 1,891 other lights at \$15. The municipal plants get \$54 for each arc and \$9.60 for incandescents. It will be seen that the company charged 66 per cent more than does the city for incandescents, and 22 per cent more for arc lamps. Thus municipal ownership has enabled Seattle to greatly increase its street lighting, making it one of the best lighted cities of America. Portland, San Francisco and Los Angeles could do as well if they became free from the corrupt influence of private lighting companies.

The total revenue of the plant for 1911 was \$727,384, and the operating expenses, including interest, \$315,016. Of the profit, \$161,581 was set aside for depreciation, and the balance put into new construction. The power lines are being connected with those of the Tacoma municipal electric plant, insuring continuous service to each city should either of the plants meet with any accident. This will save the building of steam reserve plants by either city.

The entire plant was built by City Engineer R. H. Thompson, and his assistant, J. D. Ross, the latter of whom is now in charge of the plant. Mr. Ross gives the loyal citizens of Seattle credit for the splendid success of this plant, in spite of vicious opposition of the corrupt corporations opposing.

ELECTROLYTIC EXTRACTION OF COPPER IN CHILE.

German electrical apparatus is now installed in a plant located in Chile for extraction of copper from the ore, and the works are said to be operating quite successfully at present. It makes use of the new Siemens-Schuckert electrolytic process. The electric station is situated at Cobija, on the coast and 180 miles from the copper mines, which are inland, and the current is sent to the copper extraction plant at the mines by a power line. The electric station is steam operated, and is equipped with 16 boilers which are fired by oil fuel. Four steam turbines are each coupled to an alternator of 15,000 horse-power size which delivers 5,000 volts, and step-up transformers raise the voltage to 110,000 volts for operating the power line. At the copper mines is a sub-station containing motor generator sets of 3,000 horsepower size which receive the current from the line and convert it to 250-190 volt current for use in the electrolytic tanks—Scientific American.

California has untold quantities of

copper ore. The only question is smelting and extraction of the metal from the ore. Power is cheap in the high Sierras where the ore is found and if a practical means of the extraction of the metal by electrical process has been perfected there is no reason why a great industry should not be developed.

THE LEANING TOWERS.

There is an Italian story of an invalid old gentleman who by long looking at the leaning tower of Pisa came to the delusion that the tower was perpendicular and everything else was slanting. A friendly priest, who sought to dissuade him, asked a favorite grandchild of the old man to say whether the tower was straight.

"Of course it leans," the little boy told the grandfather.

Mr. Wilson in Washington desires the fresh view. By the concentrated, invalid view of professional Washington the tower is perpendicular, and everything else slants.

Specialists in any department of thought or action assume that only they are competent to judge correctly of their specialty. But they, too, have their crooked towers that, by long gazing on, they think are straight. It was not the old generals who changed the rules of war. It was the young Bonapartes who did not know the rules of war—or, rather, who did know them well enough to know that they "leaned."

Practitioners of the law are likely to despise the rash layman who criticizes their tower. It stands for "the accumulated wisdom of the centuries." It is impious to say it leans. If it is not in true proportion it is only because the life surrounding the tower has become oblique.—Kansas City Star.

A CITY OF HOTELS.

Of the building of hotels, as of theatres, there is no end. The newest, about to be opened, cost \$10,000,000, covers an entire block, has 26 stories and 1,000 bed rooms, each with a bath. If the next ten years repeat the story of the last ten years, the new hotel will soon take its fixed place among the leading hotels of the city and ten or a dozen newer ones will arise to dispute public favor. New York has learned to view calmly the wonders of its great buildings; in the rapid change of conditions they rapidly lose their air of novelty.

One huge hotel that will house a whole townful of people in luxury seems to make no difference. Old ones go and new ones come to meet growing needs. It is all part of the normal expansion of the first city of the country. Neither London nor Paris nor Berlin nor any other European capital has provided on the same scale splendid accommodations for travelers or its own people.

In the old days the foreign visitor used to laugh at the United States, where every hotel was called a "palace." So far as present-day New York is concerned, the old gibes have lost their point. In their equipment and arrangement, in their comforts, conveniences and provisions for entertainment, our hotels have become more luxurious than any palace both in appointments and prices.—New York World.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

OAKLAND, CAL.—Apartment house, 2 story and base, frame, \$10,000. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner's name withheld. The building will be erected on 31st street near San Pablo avenue, and will be arranged for suites of two and three rooms. All apartments will have private bath rooms and wall beds. Interior finish will be of pine and redwood. Bath rooms will have composition floors and tile wainscot. Entrance will be finished in tile and marble. Gas grates and tile mantels will be used. Exterior of the house will be covered with rustic and shiplap. Plans are now being completed.

RICHMOND, CONTRA COSTA CO., CAL.—Apartment house, 2 story and base, brick, \$12,000. Architect, James T. Nabrett, Richmond. Owner, O. E. Liddell. The building will be erected at the corner of Agnew and Richmond avenues, and will be arranged for two, three and four room apartments. The interior will be finished in pine and redwood. Some hardwood floors will be used. There will be steam heat and a hot water system. Bath rooms will be finished in tile wainscot and will have composition floors. Wall beds will be installed. Exterior of the building will be faced with pressed brick. Plans are now nearly complete and figures will be asked for shortly.

SEATTLE, WASH.—Apartment house, 3 story and base, brick, \$35,000. Architect, none. Owner, John Hakanson, 2725 Nob Hill avenue, Seattle. The building will be erected at the corner of Spruce and 12th avenue, and will cover an area of 50 by 120 feet. Plans provide for sixteen suites of two, three and four rooms. Interior finish will be of pine and redwood, with hardwood floors in the living rooms and halls. There will be steam heat, an oil burning system, vacuum cleaning and hot water supply. Bath rooms will have tile wainscot and composition floors. All suites will be equipped with wall beds. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor. Bids will be taken in about two weeks for materials.

APARTMENT HOUSES adn, ek

LOS ANGELES, CAL.—Apartment house, 2 story and base, brick and steel, \$40,000. Architects, Blanchard, Green & Tifal, Van Nuys Bldg., L. A. Owner, B. F. Stevens. The building will be erected on Santee street near 16th, and will cover an area of 50 by 140 feet. Interior has been arranged for a total of 78 rooms, which will be divided into two and three room suites. All apartments will have private baths and wall beds. Interior finish will be of pine with some hardwood panels and oak floors. Plans provide for steam heat, a hot water system and vacuum cleaning. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor under

the superintendence of Webb & O'Neill, Lankershim Bldg., L. A.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick and steel. Cost not stated. Architects, R. D. King and E. C. Taylor. Consolidated Realty Bldg., L. A. Owner, Elias Sheoudy. The building will be erected at the corner of 38th and Main streets, covering an area of 50 by 130 feet. There will be a total of 65 rooms arranged in two and three room suites. The first floor will contain three stores besides the entrance. Interior will be finished in pine with elm panels and hardwood floors. Plans provide for steam heat, a vacuum cleaning system, wall beds and hot water plant. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SACRAMENTO, CAL.—Apartment house, 2 story and base, frame, \$10,000. Architect, none. Owner, A. W. Norris, 409 21st street, Sacramento. The building will be erected on 18th street, and has been arranged to contain four modern suites of three and four rooms. Interior finish will be of pine with oak floors in the living rooms. All suites will have private bath rooms and wall beds. There will be gas grates and tile mantels. Bath rooms will have composition floors and tile wainscot. A central heating system and hot water supply will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, reinforced concrete, \$60,000. Architect, Malnew O'Brien. Foxcroft Bldg., S. F. Owner's name withheld. The building will be erected at the corner of Devisadero and Duboce streets and will cover a large area. Suites will contain two, three and four rooms with bath. Interior finish will be of pine and hardwoods with oak floors in the principal rooms. All apartments will be equipped with wall beds. Plans provide for steam heat, elevator service, a hot water system and vacuum cleaning. Bath rooms will have composition floors and tile wainscot. Marble and tile will be used in the entrance. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO—Apartment house, 4 story and base, reinforced concrete, \$22,750. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, J. D. Reite. The building will be erected on the south side of Post street west of Larkin, having a frontage of 25 feet by a depth of 120 feet. There will be pine and hardwood panels with some oak floors. Plans provide for steam heat, an automatic elevator and vacuum cleaning. All suites will be equipped with wall beds and will have private bath rooms. Bath rooms will have composition floors and tile wainscot. Marble and tile will be used in the entrance. Exterior of the building will be faced with cement plaster.

Plans are complete and the work will be done by Day Labor. All materials are being purchased.

Contracts Awarded.

SEATTLE, WASH.—Apartment house, 6 story and base, reinforced concrete, \$75,000. Architect's name not given. Owner, Mr. Dow. Contractor, David Dow, 21st and Spruce streets, Seattle. Contract price, \$75,000.

BANKS.

REDONDO BEACH, LOS ANGELES CO., CAL.—Bank, 2 story and base. Class A construction, \$25,000. Architect, L. R. Pemberton. Auditorium Bldg., L. A. Owners, Farmers' and Merchants' National Bank. The building has been designed in the classic passad uña paay aq tñw pur øtñs brick and terra cotta. Walls and floors will be of reinforced concrete. Interior partitions will be of hollow tile and metal lath and plaster. The entire first floor will be occupied by the bank, and will be finished in hardwoods, marble, ornamental plaster and bronze grilles. Upper floor will be subdivided into ten offices finished in birch. There will be steam heat, a vacuum cleaning system and metal window sash and frames. Special vault work is also called for. Plans have been revised and figures are now being taken.

BRIDGES AND DAMS.

Contracts Awarded.

SAN FRANCISCO—Pier construction, \$148,215. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Contractors, Healy-Thibbitts Construction Co., S. F. Contract price, \$148,215. Other figures submitted for this work will be found under the heading of San Francisco in this issue.

CHURCHES.

SAN FRANCISCO—Church, reinforced concrete construction, \$50,000. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, Star of the Sea Church. The building will be erected at the corner of Geary and 8th avenue, and will be designed in the Mission style. Interior will contain an auditorium seating 750 people, Sunday school rooms and social rooms. Interior finish will be of pine and redwood. Exterior of the building will be faced with cement plaster. Roof will be of red clay tile. Working drawings are being prepared.

REDONDO BEACH, LOS ANGELES CO., CAL.—Church, 1 story and base, brick, \$12,000. Architect, Frank T. Kegley, Consolidated Realty Bldg., L. A. Owners, Roman Catholic Church. The building will cover an area of 40 by 166 feet and will contain an auditorium seating 300 people, vestry, sacristy and social hall. Interior will be finished in pine and redwood. A number of art glass windows will be used. Exterior will be faced with blue pressed brick. Roof will be of clay tile. Plans are being prepared and figures will be called for about the middle of February.

SEATTLE, WASH.—Church, 1 story and base, frame, \$10,000. Architects, Wilcox & Sayward, Central Bldg., Seattle. Owners, Keystone Congrega-

tional Church. Work will be started at once on the new building to be erected on 31st street. There will be a main auditorium seating 300 people, pastor's study and Sunday school rooms. Interior finish will be of pine throughout. A central heating system will be installed. Exterior of the building will be covered with rustic and shiplap. The work will probably be done by Day Labor. Some art glass is specified.

CITY MORGUE.

SAN FRANCISCO—Morgue. Class A construction, \$31,320. Architect, City Department of Architecture. Temporary City Hall. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of Public Works show T. W. McClenahan low at \$34,330. He will probably be awarded the contract. A complete list of the figures received will be found under the heading of San Francisco in this issue.

♦ FACTORIES & WAREHOUSES.

SAN FRANCISCO—Engine house and stables, reinforced concrete and frame Cost not stated. Architect, Edmund Kolofrath, 560 Bellvedere street, S. F. Owners, Merchants Ice and Cold Storage Co. These buildings will form a part of the new plant which is to be erected at the southeast corner of Lombard and Montgomery streets. The engine house will be of reinforced concrete while the stable building will be of frame construction. Plans for a large six-story ice and cold storage plant have also been completed and will go out for figures at once.

LOS ANGELES, CAL.—Warehouse, 1 story and base. Class A construction. Cost not stated. Architects, Train & Williams, Exchange Bldg. L. A. Owners, Bradford Baking Co. This building will be erected at 401 North Avenue 20, and will cover an area of 50 by 165 feet. Walls and floors will be of reinforced concrete. There will be metal lath and plaster interior partitions, metal window sash and frames. Interior finish will be of pine. A covered platform 30 by 165 feet will also be constructed. Exterior of the building will be faced with cement plaster. Modern plumbing and electric work are specified. Plans are complete and figures are being taken.

LONG BEACH, LOS ANGELES CO., CAL.—Ice and cold storage plant, 2 story, brick and frame, \$65,000. Architect, Paget Engineering Co., Central Bldg. L. A. Owners, People's Ice and Cold Storage Co. The plant will be erected at the corner of Ocean Park avenue and 3rd street, and will cover an area of 200 by 125 feet. The first story will be of brick construction with plaster exterior, the second story, which will cover half the area, will be of frame construction with plaster over metal lath on the exterior. A complete equipment of refrigerating machinery will be installed, a well drilled and pumping plant put in. The company will manufacture ice, distilled water, ice cream and soda water. Plans are being prepared.

Contracts Awarded.

GRESHAM, ORE.—Factory, 1 story and base, reinforced concrete, \$25,000. Architect, P. Chappell Browne, Mohawk Bldg., Portland. Owners, Beaver State Motor Car Co. Contractors,

James P. Taylor Co., Couch Bldg., Portland. Contract price, \$25,000.

♦ FIRE HOUSES AND JAILS.

OAKLAND, CAL.—Jail plumbing. Cost not stated. Architects, Palmer & Hornbostel, New York and City Hall Bldg., Oakland. Owners, City of Oakland. All bids received sometime ago for the furnishing and installation of special jail plumbing were rejected and new figures are being called. Bids will be opened on January 29th. Plans and specifications can be secured from the architects.

SEATTLE, WASH.—Fire station and jail, 3 story and base, reinforced concrete, \$100,000. Architect, D. R. Huntington, Seattle. Owners, City of Seattle. A resolution has been introduced by Supervisor Pierce calling for a bond election to secure funds for a combination fire station and jail in the Denny Hill District. Preliminary plans of the architect accompanied the resolution. Further mention will be made of the work.

♦ FLATS.

SAN FRANCISCO—Flats, 2, 2 story and base, frame, \$5,000 each. Architect, Herbert A. Schmidt, Royal Insurance Bldg., S. F. Owner, Charles J. U. Koenig, 520 Church street. These two buildings will be erected on the north line of Broadway, east of Larkin streets. Each has been designed to contain two modern flats of five and six rooms each. Interiors will be finished in pine with some oak floors and elm panels. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot and composition floors. There will be automatic water heaters. Exteriors will be covered with rustic, cement plaster on metal lath and a pressed brick veneer base. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architects, Rousseau & Rousseau Monadnock Bldg., S. F. Owners, Rousseau Realty Co. The building will be erected on the south side of Greenwich street west of Larkin, covering an area of 27½ feet by 46½ feet. There will be two flats of five rooms each. Interior finish will be of pine and redwood. Oak floors will be used in the principal rooms. Bath rooms and kitchens will have tile wainscot. Exterior will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 3 story and base, frame, \$7,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owners, Frediani Bros. The building will be erected on Folsom street near Third, and will be arranged for one store on the first floor and two flats on the upper floors. Interior finish will be of pine and redwood. Gas grates and tile mantels will be used. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with shiplap and rustic. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, none. Owner, James Flanagan, 3342

Army street, S. F. The building will be erected on Serpentine street, east of Mission, covering an area of 25 by 53½ feet. There will be four flats of five rooms and bath each. Interiors will be finished in pine and redwood with some oak floors. Each living room will have an open fire place and tile mantel. Bath rooms will have composition floors. Kitchens and baths will have tile wainscot. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by day labor. All materials are now being purchased.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,200. Architect, none. Owner, E. F. Maxwell, 738 Clement street, S. F. The building will be erected on the north side of Clement street east of 9th avenue. The first floor will be occupied by a store, while the upper floor will be arranged for a five-room flat. Interior of the flat will be finished in pine and redwood with some oak floors. There will be an open fire place and tile mantel. Bath room and kitchen will have tile wainscot. There will be patent store fronts. Exterior of the building will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$2,500. Architect, none. Owner, W. G. McDiarmid, 56 Ellsworth street, S. F. The building will be erected on the north side of 26th street, west of Dolores, covering an area of 27 by 32 feet. Interior will be finished in pine and redwood. There will be two small flats. Bath rooms and kitchens will have tile wainscot. Open fire places and tile mantels are specified. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Flat alterations, frame construction, \$2,000 and \$3,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. Plans are complete and figures are now being taken for the alteration of two flat buildings. Included in the work will be new store fronts, plumbing, electric work, plastering, interior finish and exterior painting and plaster work.

♦ GARAGES.

Contracts Awarded.

SEATTLE, WASH.—Garage, 2 story and base, \$20,000. Architect, none. Owners, Waterhouse-Sands Co., Contractors, Sound Construction and Engineering Co., Lowman Bldg., Seattle. Contract price, \$30,000.

♦ GOVERNMENT WORK AND SUPPLIES.

Structural Steel.

Under advertisement appearing elsewhere in this issue for furnishing fabricated structural steel, etc., for the naval station, Pearl Harbor, Hawaii, bids to be opened February 7 at the bureau of yards and docks, Navy Department. The specifications provide as follows:

It is the declared and acknowledged intention and meaning to provide and

secure the fabricated structural steel, reinforcing rods, with castings and pipe handrails for stairways required for five shop buildings, viz. Boat storehouse, pattern shop, paint shop and rigging loft, steel storehouse and metal and lumber storehouse, properly marked, bundled, and delivered, out not erected. No anchor bolts will be required under this contract.

The material required for the various buildings is comprised in the following general description:

(a) Paint Shop and Rigging Loft.—Structural steel for trusses, purlins, struts, diagonal bracing, columns, second-floor framing, side and end wall girts, window framing, stairs, elevator shaft, and door slides and hangers; reinforcing rods for second floor; castings for stair treads, and pipe railings for stairs.

(b) Pattern Shop.—Structural steel for roof, monitor, stairs, and window framing in monitor, and reinforcing rods for floors, beams, girders, walls, and columns; cast-iron treads for stairs, and pipe railing for stairs.

(c) Steel Storehouse. — Structural steel for trusses, purlins bracing, columns, wall girts, window framing, and crane runway.

(d) Metal and Lumber Storehouse.—Same as (c) above, omitting crane runway.

(e) Boat Storehouse.—Same as (c) above.

The estimated weights of structural steel, including castings and pipe railing for the various buildings are as follows:

Paint shop and rigging loft, 520,800 pounds; pattern shop, 195,000 pounds; steel storehouse, 504,800 pounds; metal and lumber storehouse, 382,000 pounds; boat storehouse, 591,000 pounds; total, 2,193,600 pounds.

Weights and lengths of reinforcing rods required:

Paint shop and rigging loft: Two hundred and thirty 4 1/2-inch round rods 21 feet 6 inches long, 635 7-16-inch round rods 16 feet 6 inches long, and 345 7-16-inch round rods 24 feet long.

Pattern shop: Eight hundred and twenty 3/4-inch rounds 21 feet 6 inches long, 1,230 3/4-inch rounds 23 feet long, 116 1/2-inch rounds 15 feet long, 10 1/2-inch rounds 22 feet long, 375 3/4-inch rounds 21 feet long, 5 3/4-inch rounds 15 feet long, 15 3/4-inch rounds 35 feet long, 475 3/4-inch rounds 20 feet 9 inches long, 155 3/4-inch rounds 24 feet long, 225 1-inch rounds 20 feet 6 inches long.

Approximate total weight reinforcing rods 79,000 pounds.

Fort Warden, Wash., Bakery.

The contract for the construction of an addition to the bakery at Fort Warden, Wash., has been awarded to Koken & Mowat, of Seattle, Wash., at prices as follows: Construction, \$1,218.71, plumbing, \$415; heating, \$560; wiring, \$48; fixtures are to be in accordance with government specification of June, 1910.

Albany, Ore., Post Office.

As previously reported, the contract for the construction of the U. S. post office at Albany, Ore., was awarded to Fred A. Erlison, Salem, Ore., at \$58,282. In the construction of the building fixtures and material manufactured by

the following named firms will be used: Plumbing fixtures, L. Wolf Mfg. Co.; boiler, American Radiator Co.; nonconducting coverings, Johns-Manville Co.; radiator valves, Jenkins Bros.; damper regulator and air valves for radiators, American Radiator Co.; air valves for end of steam mains, do; radiators, American Radiator Co.; cabinet and tablet, Frank Adam Electric Co.; conduit, National Metal Molding Co.; rubber-covered wire, Detroit Insulated Wire Co.; plug receptacles and snap switches, Metropolitan Electric Mfg. Co.

Cheyenne, Wyo., Repairs, Etc.

The contract for repairs and painting in the U. S. post office building at Cheyenne, Wyo., has been awarded to J. P. Sullivan, Chicago, Ill., at \$3,744.

San Francisco, Cal., Plaster Models.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for furnishing plaster models for the U. S. subtreasury at San Francisco, Cal.:

Neuman & Evan, New York city, \$1,556.

H. R. Ludeke, New York city, \$1,453.

Donnelly & Ricci (Inc.), New York city, \$1,485.

Menconi Bros, New York city, \$1,495.

Rochetti & Parzini, New York city \$1,550.

Outlet Pipes.

Abstract of bids opened at Los Angeles, Cal., under advertisement No. 256-F for outlet pipes for Minatara dam, North Platte project:

The East Jersey Pipe Co., 50 Church street, New York city, \$1,288; at Paterson, N. J., 20 days; weight 127,675 lbs.

The Wm. B. Pollock Co., Youngstown, Ohio, \$5,800, riveted pipe, at Youngstown, Ohio, 60 days, 169,024 lbs.

Ritter-Conley Mfg. Co., Pittsburgh, Pa., \$6,310, riveted pipe; at Leetsdale, Pa., 70 days; 137,000 lbs.

American Spiral Pipe Works, Chicago, Ill., \$6,475, lap-welded pipe; at Chicago, Ill., 80 days; 111,500 lbs.

S. Morgan Smith Co., York, Pa., \$6,600, riveted pipe; at York, Pa., 130 days; 152,000 lbs.

Pelton Water Wheel Co., New York city, \$7,300, riveted pipe; at Harrisburg, Pa., 80 days; 145,000 lbs.

Fulton Engine Works, Los Angeles, Cal., \$12,234, riveted pipe, at Los Angeles, Cal., 90 days; 155,000 lbs.

Controversy with Belzina Contractor.

A long-standing controversy between the constructing quartermaster at Honolulu and a manufacturing concern of Brussels, Belgium, over the delay in the delivery of certain special tool-steel bars, etc., has been terminated. The order for the material was placed in July, 1911; the material was shipped in November of that year, and did not reach Honolulu until March, 1912, too late to be of any use. It was claimed that the delivery was not made within a reasonable time after the date of the order, and the quartermaster refused to accept it. The foreign firm, in the course of the correspondence, expressed a willingness to make a reduction in its bill of \$350. It appears that there was nothing in the original order to indicate the time of delivery, and the

contractors were not informed at any time that there was urgent need of the steel. It is held by the War Department that the question devolves on the definition of what may be regarded, under the circumstances, as "a reasonable time which may be taken by the contractors for the delivery of the material, and, in view of the fact that the steel was shipped within four months of the date of the order, the shipment is regarded as having occurred within a reasonable time. There was, however, considerable delay between the date of shipment and the arrival of the material at Honolulu, but there is nothing to show why or where this delay occurred.

Government Manufacture of War Material.

In the hearings which have been conducted this session before the House military and naval committee it is observed that some of the members expressed the keenest interest in ascertaining whether more work may not be done at government plants. The chief of ordnance of the Army, for instance, and the chief of the quartermaster corps were asked repeatedly by members of the military committee whether there would not be a material saving in the public expense by having supplies made at government plants instead of purchased under contract. It is evidently desired to increase as much as possible the output of the military-naval shops. It so happens that this agitation is created for the most part by members in whose districts are located navy yards or arsenals or other government plants, and the desire for economy in that direction is born of the expectation that the increase in plant output will mean the employment of additional labor. One of the questions presented to General Crozier had to do with the increase of the plant at Rock Island Arsenal with a view to making a saving of 25 per cent on contract prices on artillery vehicles, such as carriages, limbers, and caissons manufactured at Rock Island. The estimates are made sufficiently large to permit of such vehicles, for which the capacity is limited, being manufactured by contract. This is necessary, as conditions are not always such when appropriations become available as to permit of the work being done in a reasonable time at an arsenal. The increased capacity at Rock Island to manufacture artillery vehicles is equivalent to appropriations of about \$1,200,000 a year. A saving of 25 per cent on the carriages, limbers, and caissons included in appropriation of \$1,200,000 will be made and the saving used to secure additional material. This saving would amount to approximately \$215,000. If all the artillery vehicles covered by this year's estimate could be manufactured at an arsenal under as favorable conditions as at Rock Island, the saving would be approximately \$350,000. Under present conditions as to the arsenal equipment for manufacturing field artillery material no saving could be made on the estimates for the amount of the appropriation of \$1,200,000.

Riverside, Cal., Vault Shelving.

The contract for installing metal vault shelving in the U. S. post office

at Riverside, Cal., has been awarded to Watson Mfg. Co., Jamestown, N. Y., at \$271; time 90 days.

Protest of Supply Firm.

In the award of a contract under the War Department during the present week an interesting question was presented. The bidder whose proposal was accepted specified a certain type of fixtures for installation in the general work in which he was interested. After the contract was awarded the successful bidder represented to the War Department that it would be to his advantage if he could furnish an article or fixture from a manufacturing source different from that he had specified. The recommendation was made that the substitute type of article would be accepted. This led to a protest from the firm which had been originally named as the source of the fixtures.

The protest appears to have been well taken. It is in the interest of the government that bidders be required to furnish an article which they have specified or which is exclusively named in the specifications. Of course, when something "equally good" is permitted then it becomes a matter within the discretion of the government official which of several substitutes designated are acceptable to the government. When an article is named to the exclusion of all others, either by the successful bidder or in the government specifications on which the bid was made, it is important that there be no exception, which in the end permits the establishment of a dangerous precedent. With such a departure from a strict rule the government is in the position of never knowing what it may obtain. Those whose bids were not accepted are not treated fairly, because with the opportunity to amend the specifications they, too, might have occasion to modify their bids. If the government is going to accept a new rule it should do this before bids are opened, in order that there may be no opportunity on the part of rival bidders to entertain a grievance or to believe themselves the victims of favoritism.

Billings, Mont., Furniture.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for installing furniture in the U. S. post office at Billings, Mont.:

Louck & Hill Co., Richmond, Ind., \$1,197.85; 90 days.

Federal Equipment Co., Carlisle, Pa., \$1,851.25; 100 days.

Commercial Cabinet Co., Chicago, Ill., \$2,160; 60 days.

Improvement in Comptroller's Office.

It is gratifying to observe that Comptroller Downey, who has succeeded Comptroller Tracewell in the Treasury Department as the official who must finally pass upon the claims of contractors and other subjects in controversy with the accounting officers of the government, is manifesting a liberality and breadth of view, which is, to say the least, refreshing. Under the former administration the claimant had a right to feel that it was somewhat of the "hit and miss" variety of decision to which his interests

were subjected. The chief objection against the action taken by the comptroller's office under the late administration arose from the fact that the tenor of the decisions appeared to be belligerent and bellicose. There seemed to be a disposition to find out just where in the contractor could be set back by an exact interpretation of law and regulations. There was not that practical consideration of questions which might be expected of a judicial officer. Since Mr. Downey has been comptroller the tenor and tone of the comptroller's decisions have perceptibly changed for the better. There seems to be a willingness to believe that the contractor now and then, at least, has a meritorious claim.

Naval Torpedo Station for the West Coast.

The recommendation of the Secretary of the Navy to expend \$260,000 for the increase in the facilities of the torpedo station at Newport has suggested the question among members of the House Naval Committee as to the wisdom of having this sum, or a part of it, used toward the establishment of a torpedo factory on the Pacific Coast. There was an appropriation made two or three years ago for the purchase of land on the west coast for the establishment of a repair torpedo station, with a view to repairing torpedoes on that coast instead of going to the expense of transporting them across the continent, but the land which was selected at Keyport Peninsula, Wash., was held at such a high figure by the "land sharks" that the Navy Department was forced to abandon the idea of acquiring this tract. Since then no better success has attended the efforts of the naval authorities to obtain the land or any other site which would be equally available for the purpose.

—HALLS & SOCIETY BLDGS—

RICHMOND, CONTRA COSTA CO., CAL.—Lodge hall, 3 story and base, brick, \$50,000. Architect, James T. Narbett, Richmond. Owners, Richmond Eagles Hall Association. Mr. Narbett and a Building Committee are now considering several sites for a new lodge building. Two sites on Richmond avenue are said to be most favorably considered. In case either of these is selected the building will be designed with stores on the first floor and lodge rooms and offices on the upper floors, which arrangement will afford the owners an income. Further particulars of the building will be given as plans progress.

HOSPITALS

TURLOCK, STANISLAUS CO., CAL.—Hospital, 2 story and base, reinforced concrete, \$10,000. Architect, John J. Foley, 46 Kearny street, S. F. Owners, Sisters of Providence. A site has been secured and funds are now nearly all available for the construction of a modern hospital. Funds have been donated by the citizens, and the hospital will be conducted as a non-sectarian institution. Plans will be arranged for two wards, a number of modern private rooms, operating rooms, office and nurses' quarters. Interior will be finished in pine, hard-

wood and tile. Construction will be fireproof. There will be steam heat, oil burning plant, hot water system and vacuum cleaning. Exterior of the building will be faced with cement plaster. Plans are being prepared.

NAPA, NAPA CO., CAL.—Recreation building, frame and concrete. Cost not stated. Architect, State Architect McDougall, Sacramento. Owners, State of California. Plans for a recreation building which is to be erected at the Napa State Hospital have been completed and are now out for figures. Bids will be opened on February 24th by the State Board of Control. Plans and specifications can be secured from the State Department of Engineering. An official proposal appears in another column of this issue.

MARTINEZ, CONTRA COSTA CO., CAL.—Hospital addition, 2 story and base, reinforced concrete, \$30,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Contra Costa County. The building will be in the nature of a new wing to the County Infirmary and will contain wards and private rooms. A modern operating room and equipment will also be installed. Interior finish will be of pine. Plans provide for steam heat, a hot water system and vacuum cleaning. Tile and marble will also be used. Exterior of the building will be faced with cement plaster. Plans are now being prepared and figures will be called for within a short time.

◆HOTELS◆

SAN FRANCISCO—Hotel, 3 story and base. Class C construction, \$15,000. Architect, David C. Coleman, Merchants' National Bank Bldg., S. F. Owner's name withheld. The building will be erected on Third street near Bryant, and will be designed for stores on the first floor and a number of hotel rooms and several baths on the upper floor. Interior will be finished in pine throughout. There will be steam heat and a central heating system. Bath rooms will have tile wainscot and composition floors. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans are out for figures.

SAN FRANCISCO—Hotel, 4 story and base. Class C construction, \$40,000. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, M. C. and J. B. Kennedy. This building will be erected at the corner of Ellis and Larkin streets, covering a considerable ground area. There will be a store besides the hotel entrance and lobby on the first floor. Upper floors will be arranged for in the neighborhood of 70 guest rooms, a large percentage of which will have private baths. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will have tile wainscot and composition floors. Sake wall beds will be used. Exterior of the building will be faced with pressed brick. Working drawings are being prepared.

OAKLAND, CAL.—Hotel, 7 story and base, reinforced concrete, \$110,000. Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owner, Frank Eliger. The building will be erected on the north side of 16th street between San

Patlo and Telegraph avenues. Construction will be practically fireproof. Interior finish will be of pine and hardwoods. There will be in the neighborhood of 150 guest rooms, nearly all having private baths. There will be a large lobby and office. Plans provide for steam heat, elevator service, wall beds, vacuum cleaning and hot water system. Metal window sash and frames will be used. Ornamental plaster, marble and tile will be used in the entrance and lobby. Exterior of the building will be faced with cement plaster. Plans are being prepared.

OAKLAND, CAL.—Hotel work, \$2,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owners, Morris & Muller. Plans are being prepared for the ornamental plaster work, marble work, light fixtures, mantels and wall paper in the lobby and lounging rooms of the seven-story hotel building being erected at the corner of 14th and Jefferson streets. Owners will take figures.

SEATTLE, WASH.—Hotel, 6 story and base, brick and steel, \$60,000. Architect, John Graham, Lyon Bldg., Seattle. Owner, P. J. Murphy. The building will be erected at the corner of 6th and Jackson streets and will cover a large area. Construction will be practically fireproof with a steel frame, brick walls, reinforced concrete floors and hollow tile interior partitions. All guest rooms will have private baths. Interior finish will be of pine and hardwood. Plans provide for steam heat, elevator service, a vacuum cleaning system and metal window sash and frames. A complete oil burning system will be installed. Bath rooms will have composition floors and tile wainscot. Ornamental plaster, marble and tile will be used in the entrance and lobby. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

SUTHERLIN, ORE.—Hotel, 2 story and base, brick, \$30,000. Architect, Earl A. Roberts, Selling Bldg., Portland. Owner, F. B. Waite. The building will be erected on a corner site. The first floor will contain a large store besides the main hotel office, lobby, dining room, kitchen and ice storage plant. Upper floor will be divided into 40 guest rooms, 15 of which will have private baths. Interior finish will be of pine throughout. Plans provide for steam heat and patent store fronts. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are being prepared.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Canadian Exhibit Palace, frame and plaster construction, \$200,000. Architect, G. F. Freeman, London, now at the Palace Hotel. S. F. Owners, Dominion of Canada. Final plans for the Canadian building at the Exposition were submitted by the Canadian architect and approved by the division of works of the Exposition yesterday. Actual building work is to be started shortly. Colonel William Hutchinson, Canadian Exposition Commissioner, who has been here for the last couple of weeks arranging the

first details for Canada's exhibit, has been in constant communication with the heads of the various departments and divisions of the Exposition, and it is his desire to rush the work with all possible speed. Canada is to be one of the foremost exhibitors at the Exposition. The pavilion alone will cost in the neighborhood of \$300,000, and will be among the greatest of national and state buildings, being 340 feet long, 240 feet wide and 50 feet high. It will be the largest exposition building ever erected by Canada. The estimates for Canada's exhibits here in 1915 call for an expenditure of \$600,000. Practically the entire exhibit of Canada at the Ghenc Exposition is en route here now.

SAN FRANCISCO—Washington State exhibit building, frame construction, \$60,000. Architect, A. F. Heide, 46 Kearny street, S. F. Owners, State of Washington. Architect A. F. Heide has secured the approval of the Washington State Building Committee to his plans for their building to be erected at the Panama-Pacific Exposition. A two-story building is to be erected in place of the original three-story, as intended. Washington will expend about \$60,000 in construction. Bids will be called for shortly.

SAN FRANCISCO—Oriental concession building, frame construction, \$50,000. Architect, Alfred I. Coffey, Humboldt Bank Bldg., S. F. Owners, Fung Nung and Mr. Sullivan, Bankers' Investment Bldg. The building will be a three-story structure with a large central tower. A site 100 by 200 will be completely covered by the building. The design has been carried out in the true Oriental style. Modern plumbing and electric work will be installed. Exterior will be covered with cement plaster and a large amount of galvanized iron will also be used. Bids will be taken by the owners.

SAN FRANCISCO—Wisconsin State Exhibit building, frame construction. Cost not stated. Architects, R. M. Messmer & Bros., Milwaukee, Wis. Owners, State of Wisconsin. Plans recently submitted in competition with a number of the leading architects of Wisconsin resulted in the selection of the above named architects to design the Wisconsin State building. The exact amount of money to be expended has not yet been determined, and the question of the type of building to be erected is also an open subject at this time. Further mention will be made of the work.

SAN FRANCISCO—Court of Palms and Flowers, frame construction, \$184,000. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Streblow, Freeze & Peterson submitted the lowest figure at \$184,000 for the construction of this building. Neil A. McLean was the next lowest bidder at \$197,000. A contract will be awarded in the course of a week.

SAN FRANCISCO—Exhibit building, frame construction, \$15,000. Architects, Bakewell & Brown, 231 Kearny street, S. F. Owners, Ghirardelli Chocolate Co. Plans are being prepared for a private concession building which will be occupied by the Ghirardelli Company. The design will probably be in the Mission style with the exterior covered with cement plaster on metal

lath. Preliminary drawings are being prepared. Further mention will be made of the work.

RESIDENCES.

SAN FRANCISCO—Residence, 3 story and base. Class A construction, \$150,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, I. W. Hellman, Jr. This building will be erected on the owner's property at the corner of Broadway and Broderick streets in one of the finest residential sections of the city. The building will contain twenty rooms, including hilliard hall, conservatory and dance hall. There will be a complete steel frame with exterior walls faced with terra cotta and stone. Interior finish will be of hardwoods with hardwood floors throughout. There will be a central heating system, probably steam heat, elevator service and vacuum cleaning system. All bath rooms will be equipped with shower bath and will be finished in tile. A garage will also be erected on the lot. Working drawings are now being prepared and figures will be called for shortly.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architect, none. Owner, Louis K. A. Colton, 534 Battery street, S. F. The dwelling has been designed for a seven-room house, and will be erected on the west side of 10th avenue south of Balboa street. Interior will be finished in pine and redwood with some hardwood panels. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and shingles and a pressed brick veneer base. Plans are in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$15,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner's name withheld. The dwelling will be erected in Forest Hill on a lot about 45 by 100 and will contain a large living room, reception hall, library, breakfast room, dining room and kitchen on the first floor, and bed rooms and open air porches on the second floor. The basement, which is elevated above the ground, will contain servants' rooms, hilliard room, furnace room and cellars. The interior on the first floor will be finished in fumed oak in the craftsman style. The bed rooms will be finished in Louis XVI style and the sleeping porches will have cement floor and cement walls in regular country cottage style. The exterior elevations will be of cement plaster over metal lath in the true Spanish style. Plans are being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner's name withheld. The dwelling will be erected in St. Francis Wood, and will contain a large living room on the first floor, reception hall, large dining room with French doors at one end leading to a conservatory, which will be used also as a

breakfast room, there will also be kitchen and servants' rooms on the first floor. The second story will contain a sewing room and three large bed rooms and a large open air sleeping porch. The interior will be finished in red gum throughout and the exterior will be in the old English style, half timber and cement plaster. Plans are being prepared.

SAN FRANCISCO—Rungalow, 1½ story and base, frame, \$2,000. Architect, none. Owner, N. J. Nelson, 4278 2nd street, S. F. The dwelling will contain six rooms and bath, and is to be erected on 17th street, west of Cole. Interior finish will be of pine and redwood with oak floors in the principal rooms. There will be a large open fire place in the living room with a brick mantel. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic ad cement plaster. Plans are in the hands of the owner and the work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, C. A. Hall, 1318 5th avenue, S. F. The house will be erected on the east side of 23rd avenue, south of Lake street, and will contain seven rooms and bath. Interior finish will be of pine and some hardwood panels. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete. The owner will do the work by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1½ story and base, frame, \$2,500. Architect, none. Owners, Patrick-Nelson Co., 2011 Shattuck avenue, Berkeley. The dwelling has been designed for a six-room house with bath and sleeping porch. Interior finish will be of pine and redwood with some oak floors. There will be furnace heat and an open fire place. Mantel will be of brick. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,650. Architect, Claude Barton, Security Bank Bldg., Oakland. Owners, Newman and Wilkinson. The dwelling will be erected in Claremont Tract, and will contain seven rooms, bath and sleeping porch. Pine and redwood finish and hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room will have composition floor and tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$1,500. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner,

Dr. Shannon. The dwelling has been designed for a seven-room house and will be erected in the Piedmont Tract. Interior will be finished in pine and hardwoods. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$7,000. Architect, Alvin Stern, 1522 Broadway, Oakland. Owner, Roger Coit. This house will be erected at the southeast corner of Lennox and Montecito streets, and has been designed to contain eight rooms, baths and sleeping porch. Interior finish will be of pine and hardwood. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath rooms will have tile floors and wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

BYRON, CONTRA COSTA CO., CAL.—Residence, 2 story and base, frame, \$3,500. Architect, E. B. Brown, Masonic Temple, Stockton. Owner, Mr. Kamond. The dwelling will contain seven rooms, bath and sleeping porch. Interior will be finished in pine throughout. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantel will be of tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures will be taken at once.

MONTEREY, MONTEREY CO., CAL.—Residence, 2 story and base, frame and concrete, \$30,000. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owner, Juan Copper. The house will be designed for a large country home, containing in the neighborhood of twenty rooms, three baths and sleeping porches. Interior finish will be of pine and hardwood with oak floors in the principal rooms. Bath rooms will be finished in tile and will be equipped with showers. There will be a central heating system, probably hot water heat, a vacuum cleaning plant and hot water supply. Exterior of the dwelling will be faced with cement plaster. Roof will be of red clay tile. Plans are now being prepared.

SAN JOSE, SANTA CLARA CO., CAL.—Residence, 1 story and base, frame, \$2,000. Architect, none. Owner, W. Reinhold, Jr., 316 North 12th street, San Jose. The dwelling has been designed for a five-room house with bath. Interior finish will be of pine and redwood. Oak floors will be used in the principal rooms. There will be a large open fire place and brick mantel. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor.

CAPISTRANO, ORANGE CO., CAL.—Residence, 2 story and base, reinforced concrete. Cost not stated. Architects,

Walker & Vawter, Hibernian Bldg., L. A. Owner, Grace Dolph. The dwelling will contain ten rooms and four baths. Interior finish will be of pine and hardwoods with oak floors in the principal rooms. Bath rooms will have tile floors and wainscot. There will be steam heat and a hot water system, vacuum cleaning and special electric work. Several large open fire places with brick and tile mantels will be used. Exterior of the house will be faced with cement plaster. Art glass is also specified. Plans are complete and ready for figures.

SAN FRANCISCO—Residences, 2 story and base, frame, \$1,500 each. Architect, none. Owner, E. Nelson, 30 Presidio Terrace, S. F. These houses will be erected on the west line of 15th avenue north of California. Each dwelling will contain six rooms and bath. Interiors will be finished in pine with some hardwood panels. Oak floors will be used in the living rooms and dining rooms. There will be large open fire places and tile or brick mantels. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the houses will be covered with cement plaster on metal lath. Plans are complete and the owner will do the work by Day Labor. All materials are now being purchased.

SCHOOLS.

SAN FRANCISCO—School, 2 story and base. Class A construction, \$100,000. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans for the Washington Irving School, to be erected on the north side of Broadway between Sansome and Montgomery streets have been approved and are now out for figures. Bids will be opened by the Board of Public Works on February 11th. Separate bids are being taken for the general construction, brick work, plumbing and gasfitting, electric work and heating and ventilating. An official proposal appears in another column of this issue. Plans can be secured from the Department of Architecture.

SAN FRANCISCO—School, 3 story and base, reinforced concrete, \$70,000. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, St. Paul's Church. The building will be erected at the corner of 29th and Church streets, and will be designed for a parochial school. There will be a number of classrooms, general office and a large auditorium. Interior will be finished in pine. Plans provide for a central heating system, probably steam, program clocks and vacuum cleaning. Exterior will be faced with cement plaster. Working drawings are being prepared.

PALMS, LOS ANGELES CO., CAL.—School, 1 story and base, brick, \$15,000. Architects, Dennis & Hewitt, Fay Bldg., L. A. Owners, Palms School District. The building will contain eight classrooms, an auditorium seating 600 people, boys' and girls' playrooms, domestic science department and manual training department. Construction will be of brick and steel. Interior finish will be of pine with maple floors in the class rooms. Modern school plumbing, steam heat and a program

clock system will be installed. Exterior will be faced with cement plaster. Separate bids will be taken on the general construction, plumbing, heating and ventilating and electric work. Plans are complete and figures will be opened on anuary 31st. Plans and specifications can be secured from the architects.

GLENDORA, LOS ANGELES CO., CAL.—School, 1 and 2 story and base, brick, \$65,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Glendora High School District. The buildings will conform to the present building in design and construction. The household arts building will be a two-story and basement structure 36x104, with a central rear wing 70x70 feet. It will contain a cafeteria, lunch room, laundry, metal hammering room and furnace room in the basement; two study halls, library, commercial department, offices and rooms for stenography, typewriting and musical courses in the first story; and domestic science, sewing, and art departments, office and model flat in the second story. The manual arts building will be one story 172x180 feet, and will provide for wood working, pattern making, machine room, foundry, lecture room, forge and mechanical drafting. The buildings will be of brick construction with sand lime brick exterior facing, concrete foundations, composition roofs, pine trim, pine and maple floors, lavatories, plumbing, electric wiring, heating and ventilating.

EL CENTRO, IMPERIAL CO., CAL.—School, 1 story and base, brick, \$30,000. Architect, Fred T. Harris, Holt Bldg., El Centro. Owners, El Centro School District. The building has been designed to contain eight standard sized class rooms, principal's office, teachers' rooms and an assembly hall. Interior finish will be of pine with maple floors in the class rooms. Steel ceilings, steam heat and slate blackboards are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be opened on February 9th. Plans can be secured from the architect.

ONTARIO, SAN BERNARDINO CO., CAL.—School, 2 story and base, brick, \$10,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Chaffey Union High School District. The building is 190 by 105 feet. The concrete foundation and about one-half of the brick walls are standing. All interior work, carpentry, plumbing and electric work is still to be completed. Architect Marsh has the working drawings complete and is now taking figures. Bids will be opened on February 5th. Plans and specifications can be secured from the architect.

THE DALLES, ORE.—School, 2 story and base, brick and concrete, \$100,000. Architect, C. K. Crandall, The Dalles. An announcement of the selection of the architect has just been made by the Board of Education. Details of the building cannot be published at this time. It is the intention of the Board to erect a modern high school structure.

Contracts Awarded.

SANTA PAULA, VENTURA CO., CAL.—School, 2 story and base, brick, \$53,911. Architects, Allison & Allison, Hibman Bldg., L. A. Owners, Santa

Paula School District. Contractors, The Ventura Mill and Lumber Co., Santa Paula. Contract price, \$53,911.

SEWERS, STREET WORK AND WATER SYSTEMS.

MANHATTAN BEACH, LOS ANGELES CO., CAL.—Municipal water system. Cost not stated. Engineer, Frank A. Lathrop, Los Angeles. Owners, City of Manhattan Beach. Plans for a municipal water system have been completed and figures are now being taken. Bids will be opened on February 7th. An official proposal appears in another column of this issue. Bids will be received on three schedules (a) The work as a whole, (b) Any or all of the required materials f. o. b. Manhattan Beach, (c) Any or all of the construction work. The work will consist of furnishing and placing approximately the following: 1,576 feet of 12-inch pipe; 5,594 feet of 10-inch pipe; 6,560 feet of 8-inch pipe; 16,202 feet of 6-inch pipe; 48,783 feet of 4-inch pipe; 25,917 feet of 3-inch pipe; 5,248 feet of 2-inch pipe. 1 1/2 tons of special fittings; 1 12-inch gate valve and case; 2 10-inch gate valves and cases; 4 8-inch gate valves and cases; 7 6-inch gate valves and cases; 62 4-inch gate valves and cases; 43 3-inch gate valves and cases; 10 2-inch gate valves and cases; 103 two-stream fire hydrants; 17 one-stream fire hydrants; 1 frame pump house; 1 315 O. P. M. direct connected well pump; 1 800 O. P. M. direct connected pressure pump; 1 10x11x17 1/2 foot reinforced concrete reservoir; 1 steel water storage tank; 300 metered house connections.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Office building, 10 stories or more. Class A construction, \$500,000. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owners, Firemen's Fund Insurance Co. The announcement that Lewis P. Hobart has been selected as the architect for this building has just been made. The structure, which will rank among the most modern of San Francisco's office buildings, will be erected at the corner of California and Sansome streets, covering a considerable ground area. Construction will be fireproof throughout with a complete steel frame, exterior walls of brick and concrete faced with pressed brick and terra cotta. Floors will be of reinforced concrete with hollow tile partitions. Metal trim, metal window sash and frames will add to the fire resisting qualities of the building. Hardwoods, marble and tile will be used for interior finish. The entire first floor, mezzanine and a part of the second floor will be occupied by the Firemen's Fund Insurance Co. A total of some 300 offices will occupy the balance of the building. Plans provide for steam heat, passenger and freight elevators, vacuum cleaning and mail chutes. Working drawings are being completed and figures will be called for shortly.

SAN FRANCISCO—Restaurant alterations. Cost not stated. Architect, Oscar H. Ostlund, 61 Rausch street, S. F. Owner, G. W. White. The building now located at 122 to 130 Kearny street is to undergo extensive alterations, and will be fitted up for a high-class

restaurant. Included in the work will be concrete and marble floors, interior finish, plumbing, electric work and painting. Circassian walnut, blue gum and other hardwoods will be used. Plans are complete and figures are being taken.

MODESTO, STANISLAUS CO., CAL.—Department store, 1 story and base, brick and steel, \$15,000. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Charles Daunt. The building will be erected at the corner of K and 10th streets, covering an area of 50 by 150 feet. The basement as well as the ground floor will be arranged for stores. There will be considerable steel used. Interior finish will be of pine and hardwoods. A cement floor, metal window sash and frames and steam heat will be installed. The entire building has been leased to the Richdale Co. Exterior will be covered with pressed brick. Patent store fronts and plate glass windows are specified. Plans are nearly complete and figures will be called for at once.

LOS ANGELES, CAL.—Bank and offices, 12 story and base. Class A construction, \$1,000,000. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Commercial Fireproof Building Co. Property at the north-east corner of 5th and Spring streets, covering an area of 115 by 155 feet, will be improved by the construction of a Class A building. The first floor will be occupied by the Citizens' National Bank. The building will be of steel frame and brick construction, with concrete foundation, terra cotta facing, plate glass windows, composition roofing, hollow tile and concrete floors. There will be hardwood interior trim, marble wainscot and floors in corridors and entrance. There will be five elevators. Metal frames and sash and wired glass will be used. Each office will have a lavatory. There will be steam heat, vacuum cleaning, mail chutes, plumbing and electric wiring. Plans are now being prepared.

LOS ANGELES, CAL.—Stores and lofts, 5 story and base. Class C construction. Cost not stated. Architects, Train and Williams, Exchange Bldg., L. A. Owner, J. F. Hosfield, Monrovia. The building will be erected on the east side of Broadway, adjoining the City Hall, and will cover an area of 60 by 160 feet. The first story will have an 18-foot ceiling with a mezzanine floor and will be occupied by stores. Upper floors will be arranged for lofts. There will be freight and passenger elevators, metal lath and plaster partitions, fireproof doors, metal window sash and frames, steam heat and a vacuum cleaning system. Patent store fronts with plate glass windows will be installed. Exterior of the building will be faced with pressed brick and terra cotta. Plans are now being prepared.

PHOENIX, ARIZ.—Offices, 8 story and base, reinforced concrete construction, \$200,000. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owners, Dwight B. Heard and associates. The building is to be erected on Central avenue, covering an area of 70 by 146 feet. The first floor, basement and second floor will be occupied by a large mercantile firm. Upper six floors will contain 156 offices. There will be a freight and passenger elevators in the store section and two

passenger elevators in the office section. Construction will be of reinforced concrete throughout with concrete floors and hollow tile and metal lath and plaster partitions. Entrance lobby, corridors and halls will be finished in marble. Offices will have hardwood and metal trim. Window sash and frames will be of metal. Plans also provide for steam heat and vacuum cleaning. Exterior of the building will be faced with pressed brick. Plans will be complete and figures taken by March 1st.

LOS ANGELES, CAL.—Stores and theatre, 1 story and base, brick, \$25,000. Architect, A. Lawrence Valk, Stimson Bldg., L. A. Owner, B. S. Lustig. The building will be erected on Main street between Winston and Fifth, and will contain several stores besides a motion picture theatre. The building will cover an area of 60 by 140 feet, the theatre having a seating capacity of 800 people. Interior will be finished in pine. There will be a modern system of ventilation. Exterior will be faced with pressed brick. Plans are complete and figures will be taken at once.

Contracts Awarded.

LOS ANGELES, CAL.—Loritts, 3 story and base, brick and steel, \$55,000. Architect, Fred B. Dorn, Marsh-Strong Bldg., L. A. Owner, Frank R. Strong, Contractors, The Davidson Construction Co., 16th and Tennessee streets, L. A. All work except structural steel, elevators, plumbing and heating. Contract price, \$55,000.

SEALED PROPOSALS.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 823—Proposals for Electric Welding Outfit, Tinsmiths' Plate Bending Roll, Steel Locker Cabinets, Water Closets, Water Closet Seats, Cork Boxes, Soil Pipe and Fittings, Wrought Iron and Steel Pipe, Cast Iron Fittings, Lead Pipe, Valves, Lead Pipe, Sheet Lead, Pig Lead, Linoleum, Linoleum Cement and Brass End Strips for Linoleum.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C. until 10:30 a. m. February 7, 1914, at which time they will be opened in public for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 823) may be obtained from the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal., also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 822—Proposals for Motor-Driven Air Compressors, Exciter Sets, Agricultural Pumps, Distributor, Steel Rails, Pressure Oil Distributor, Agricultural Plow, Doors, Windows, Sash, and Lumber.—Sealed proposals will be received in the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C. until 10:30 a. m. February 3, 1914, at which time they will be opened in public for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 822) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal., also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR LEASING LAND.—**LEASING LAND**—Sealed proposals will be received at the office of the Light-house Inspector, Portland, Ore., until 2 o'clock p. m. January 31, 1914, and then opened, for leasing Clark Island, Washington Sound, Wash. Blank proposals and particulars may be obtained by addressing the Light-house Inspector, Portland, Ore.

PROPOSALS FOR BUILDING.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 11th day of February, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The general construction of the Washington Irving School Building, to be located on Broadway, between Sansome and Montgomery streets.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed with two hundred and seventy (270) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$20,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at this office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works,
F. J. CHURCHILL, Secretary.

PROPOSALS FOR HEATING AND VENTILATING.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 11th day of February, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The installation of a heating and ventilating system in the Washington Irving School Building.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed with two hundred and seventy (270) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$75,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works,
F. J. CHURCHILL, Secretary.

PROPOSALS FOR ELECTRIC WORK.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 11th day of February, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The electric work of the Washington Irving School Building.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed with two hundred and seventy (270) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$650.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works,
F. J. CHURCHILL, Secretary.

PROPOSALS FOR PLUMBING AND GAS FITTING.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 11th day of February, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The plumbing and gas fitting of the Washington Irving School Building.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed with two hundred and seventy (270) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$1,500.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works,
F. J. CHURCHILL, Secretary.

PROPOSALS FOR BRICK WORK.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 11th day of February, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The brick work of the Washington Irving School Building.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within sixty (60) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$3,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. F. J. CHURCHILL, Secretary.

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received by the Council in an open meeting at the City Hall at the City of Santa Cruz, California, 10:00 A. M., Saturday, February 7th, 1914, for the Construction of a Trestle Pile and Timber Deck Wharf and Appurtenances at the foot of Pacific Avenue. The Wharf is about 2750 feet long varying in width from 30 to 80 feet. All to be in accordance with plans and specifications prepared by H. J. Brunner and on file in the office of the City Clerk.

Each proposal must be accompanied by a certified check payable to the Order of T. W. Drullard, Mayor of the City of Santa Cruz, in the amount of Five (5) per cent of bid.

The City reserves the right to reject any and all bids. Progressive payments will be made.

Plans and specifications may be obtained at the office of H. J. Brunner, 312 Sharon Bldg., San Francisco, California.

By order of the City Council. T. W. DRULLARD, Mayor.

J. L. WRIGHT, Clerk
Jan 22-23-24-25-27.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Tuesday, February 24, 1914, and bids then and there to be publicly opened and read for furnishing all plant, machinery, and labor, and doing the work required for the construction and erection of a building known as the Recreation Hall at the Napa State Hospital, Napa, California. In accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Cash, a bidder's bond, or a certified check in the sum of ten per cent (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bids received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope "Proposals for Recreation Hall, Napa State Hospital, Napa, California."

(SIGNED) W. F. MCCLURE, State Engineer. (*)

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received by the CITY OF MANHATTAN BEACH, Los Angeles County, California until 8 O'CLOCK P. M. SATURDAY, FEBRUARY 7th, 1914, for furnishing the material and labor to construct a MUNICIPAL WATER WORKS SYSTEM in and for said City of Manhattan Beach.

Proposals must be submitted on special Bidding Schedules and enclosed in special Bidding Envelopes obtained from the City Clerk.

All proposals must be accompanied by a certified check on a reliable bank

or by a Bidder's Bond, with satisfactory surety, for a sum equal to ten (10) per cent of the total amount of the bid.

Bids will be received on three (3) different schedules, to-wit:

Schedule "A." The work as a whole "SCHEDULE B." Any or all of the required material f. o. b. Manhattan Beach.

Schedule "C." Any or all of the construction work.

EACH SCHEDULE REPRESENTS AN INDIVIDUAL BID AND MUST BE SUBMITTED IN ITS RESPECTIVE ENVELOPE.

Each different type or kind of the same material bid and must be submitted on separate schedules, but there is no limit to the number of individual bids which may be submitted in the same schedule envelope.

The Plans, Specifications and other documents relating to the work may be seen and examined, without charge, at the office of the City Clerk in Manhattan Beach, or copies of same may be obtained by prospective bidders, for personal use, upon the payment of Eight Dollars and Sixty Cents (\$8.60).

Bidding Schedules and Envelopes will be furnished free of cost to all prospective bidders upon request, provided such request is accompanied by a statement that the Plans and Specifications, and all documents attached thereto, have been examined and are thoroughly understood by the prospective bidder, and that the schedule or schedules wanted be specifically named.

The Board of Trustees of the City of Manhattan Beach reserves the right to reject any or all bids and to waive any irregularities in any or all bids, and it is hereby understood that the submission of a bid to the City shall constitute a waiver by the bidder, of any obligation on the part of the City of Manhattan Beach to contract for the purchase of any portion of the material or labor herein advertised for.

THE WORK WILL CONSIST OF FURNISHING AND PLACING APPROXIMATELY:

- 1576 feet of 12 inch Pipe.
 - 5564 feet of 10 inch Pipe.
 - 3040 feet of 8 inch Pipe.
 - 16202 feet of 6 inch Pipe.
 - 47873 feet of 4 inch Pipe.
 - 25917 feet of 3 inch Pipe.
 - 1000 feet of 1 inch Pipe.
 - 194 Tons of Special Fittings.
 - 1 Twelve Inch Gate Valve and Case.
 - 2 One Inch Gate Valves and Cases.
 - 2 Eight Inch Gate Valves and Cases.
 - 7 Six Inch Gate Valves and Cases.
 - 62 Four Inch Gate Valves and Cases.
 - 100 Three Inch Gate Valves and Cases.
 - 10 Two Inch Gate Valves and Cases.
 - 103 Two Stream Fire Hydrants.
 - 1 One Stream Fire Hydrant.
 - 1 Fire Hose.
 - 1—315 O. P. M. Direct Connected Well Pump.
 - 1—800 O. P. M. Direct Connected Pressure Pump.
 - 1—10 feet x 71 feet x 178 feet Reinforced Concrete Reservoir.
 - 1 Steel Water Storage Tank.
 - 3000 cubic feet of Excavation.
- Dated at Manhattan Beach, California, January 17th, 1914.

C. E. JENKINS, City Clerk of Manhattan Beach. (*)
Mr. Frank A. Lathrop, Consulting Engineer, will be at the City Hall, Manhattan Beach, all day February 7, 1914, to furnish data to bidders.

PROPOSAL FOR NEW JERSEY BUILDING.

SEALED proposals for the construction of the New Jersey State Building to be erected on the site selected on the grounds of the Panama-Pacific International Exposition in San Francisco, California, from the plans and specifications prepared by the Department of Charities and Corrections. Mr. Hubert H. Rutherford, Architect, will be received at the office of the State Treasurer, in the State House, at Trenton, New Jersey, at 2 o'clock, P. M., on Friday, the 30th day of January, 1914, when they will be publicly opened and read. Proposals must be submitted sealed in envelopes addressed to the New Jersey Commission for the Panama-Pacific International Exposition, care of the State Treasurer, and marked "Proposal for the New Jersey Building." Each proposal must be ac-

companied by cash or a certified check, drawn to the order of the State Treasurer, for 10 per cent of the amount thereof as a guarantee that the bidder will enter into a contract for the performance of the work, should his proposal be accepted, within a reasonable time hereafter. Each bidder must be prepared to furnish an acceptable Surety Bond for one-half the amount of the contract of the State. Plans and specifications may be obtained by application to the Commissioner of Charities and Corrections, State House, Trenton, New Jersey; or to Captain Asher Carter Baker, Exposition Building, San Francisco, Cal. (Signed) C. A. PANOSTA, Secretary.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 819—Proposals for Four Steel Tugboats for Handling and Docking of Vessels at the Entrance of the Panama Canal—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 A. M., March 23, 1914, at which time they will be opened in public for furnishing the above mentioned tugboats. Blanks and general information relating to this circular (No. 819) may be obtained from this office or the office of the assistant purchasing agent, 1886 North Point Street, San Francisco, Cal., or from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; F. C. BOGGS, major, corps engineers, U. S. A., general purchasing officer.

PROPOSALS FOR HEATING AND VENTILATING.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock P. M. and 3 o'clock P. M. on Wednesday, the 4th day of February, 1914, for doing the heating and ventilation the furnishing of the necessary labor and materials therefor, to wit:

The installation of a heating and ventilating system in the City Hall.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) days from the receipt of written notice from the Board of Public Works and completed within the time limits as set forth in the specifications.

The amount of bond for faithful performance of contract has been fixed at \$20,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Proposal forms will be furnished gratuitously upon application at the office of the Architect and all proposals must be made upon such forms. The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. F. J. CHURCHILL, Secretary.

PROPOSALS FOR STATE HIGHWAY WORK.

SEALED proposals will be received at the office of the California Highway Commission, 515 Forum building, Sacramento, Cal., until 2 o'clock P. M., on February 2nd, 1914, at which time they will be publicly opened and read, for the construction in accordance with the specifications therefor, to which special reference is made, of portions of State highway as follows:

El Dorado County from El Dorado to Placerville. (III-ED-II-C.) About 16 1/2 miles in length to be built of water-bound macadam.

Tuolumne County from the Western Boundary to Keystone (III-Tuo-13-C.) About 16 1/2 miles in length, to be graded.

Tulare County from Traver to the Northernly Boundary (VI-Tul-4-E), about 5.3 miles in length, to be built of Portland cement concrete.

Kern County from Lerdo to Famosa (VI-Ker-E), about 8.9 miles in length, to be built of Portland cement concrete.

KERN County from Bakersfield to Lerdo (VI-Ker-4-D), about 10.1 miles in length, to be built of Portland cement concrete.

San Bernardino County from the Westernly Boundary to Upland (VII-S-Bd-9-D), about 1.7 miles in length to be built of Portland cement concrete.

Ventura County from Ventura to Sea Cliff (VII-Ven-2-D & E), about 7.7 miles in length, to be built of Portland cement concrete.

San Luis Obispo County from Santa Margarita to Atascadero Creek (V-S. L. O-2-C), about 8.4 miles in length, to be built of Portland cement concrete.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers of the divisions in which the work is situated. The Division Engineers are located at Willets, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

BURTON A. TOWNE,

CHARLES D. BLANEY,

NEWELL D. DARLINGTON,

California Highway Commission.

AUSTIN B. FLETCHER,

Highway Engineer.

WILSON R. ELLIS, Secretary.

Dated: December 31, 1913.

STATE OF CALIFORNIA

DEPARTMENT OF ENGINEERING

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 1000 Broadway Bldg., Sacramento, Cal., until 2 o'clock P. M. on February 2nd, 1914, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, portions of State highway as follows:

2) Dorado County from El Dorado to Placerville (III-E-D-11-C), about 6½ miles in length, to be built of waterbound macadam.

3) Plumbume County from the Westernly Boundary of Keystone (III-Tuo-13-A), about 10.8 miles in length, to be graded.

Tulare County from Traver to the Northernly Boundary (VI-Tul-4-E), about 5.3 miles in length, to be built of Portland cement concrete.

Kern County from Lerdo to Famosa (VI-Ker-4-E), about 8.9 miles in length, to be built of Portland cement concrete.

Kern County from Bakersfield to Lerdo (VI-Ker-4-D), about 10.1 miles in length, to be built of Portland cement concrete.

San Bernardino County from the Westernly Boundary to Upland (VII-S-Bd-9-D), about 1.7 miles in length, to be built of Portland cement concrete.

Ventura County from Ventura to Sea Cliff (VII-Ven-2-D & E), about 7.7 miles in length, to be built of Portland cement concrete.

San Luis Obispo County from Santa Margarita to Atascadero Creek (V-S. L. O-2-C), about 8.4 miles in length, to be built of Portland cement concrete.

(V-S. L. O-2-A), about 10.6 miles in length, to be built of Portland cement concrete.

Santa Cruz County from the Easternly Boundary to Glenwood (IV-S. Cr-5-A), about 5.7 miles in length, to be graded.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers of the divisions in which the work is situated. The Division Engineers are located at Willets, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

BURTON A. TOWNE,

CHAS D. BLANEY,

NEWELL D. DARLINGTON,

California Highway Commission.

AUSTIN B. FLETCHER,

Highway Engineer.

WILSON R. ELLIS, Secretary.

Dated, December 31, 1913. (*)

PROPOSALS FOR FILE CASE.

STEEL PIPE CASE—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until 2 p. m. January 16, 1914, and then opened for supplying a steel file case for the U. S. post office at Reno, Nev., in accordance with office drawing and specifications. The department reserves the right to reject any or all bids and to waive defects. Telegraphic bids or modifications of bids will not be considered. J. A. WETMORE acting supervising architect.

PROPOSALS FOR PIPE LINE AND OIL BURNERS.

PIPE LINE AND OIL BURNERS—Office Quartermaster, Fort Rosecrans, Cal.—Sealed proposals, in triplicate, will be received in this office until 11 a. m. February 1, 1914, and then opened for extension of oil pipe line and installation of oil burners in officers' quarters; also a central air plant to the oil burners. Further information may be obtained by applying at this office. H. A. McCUNE, 1st Lieut. C. A. C. A. Q. M.

PROPOSALS FOR ELEVATOR.

ELEVATOR—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Proposals will be received at this office until 3 p. m. February 16, 1914, and then opened, for an elevator plant in the United States post office at Denver, Colo., in accordance with the drawings and specifications, copies of which may be had at this office or at the office of the architects, Tracy, Swartwout & Litchfield, 244 Fifth Avenue, New York, N. Y., in the discretion of the supervising architect, OSCAR WENDEROTH, Washington, D. C.

PROPOSALS FOR PUMPS.

PUMPS—Sealed proposals indorsed "Proposals for Heating System, Fire and Flushing Pumps" will be received at the bureau of yards and docks, Navy Department, Washington, D. C. until 11 o'clock a. m. February 14, 1914, and then and there publicly opened, for furnishing and installing on foundations provided by the government in the central Treasury plant, and on the navy yards, Mare Island, Cal. and Puget Sound, Wash., two motor-driven fire pumps of 1,000 gallons per minute capacity, and two motor-driven turbine-driven heating system pumps of 1,000 gallons per minute capacity, 150 pounds per square inch gauge head. Estimated cost, \$14,000. Plans and specifications can be obtained on application to the bureau or to the com-

mandants of the navy yards named. H. R. STANFORD, chief of bureau.

PROPOSALS FOR OIL PIPE LINE.

OIL PIPE LINE AND BURNERS—Office Quartermaster, Fort Rosecrans, Cal.—Sealed proposals, in triplicate, will be received at this office until 11 a. m. February 2, 1914, and then opened for extension of oil pipe line and installation of oil burners, and central air plant, this post. Further information obtainable by applying this office. H. A. McCUNE, 1st Lieut. C. A. C.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, POSALS will be opened in this office at 10 A. M. January 7, 1914—SEALED PROPOSALS for the construction of the construction (including mechanical equipment and approaches) of a two-story and basement (with a 1-story rear porch) extension of the existing cotta and stucco faced building of 11,800 square feet ground area; nonfireproof construction (except first floor); construction of steel pipe line and installation of oil burners, in the discretion of the Supervising Architect, O. WENDEROTH, Supervising Architect. (*)

PROPOSALS FOR MECHANICAL EQUIPMENT.

MECHANICAL EQUIPMENT—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at 3 p. m. February 16, 1914, for the mechanical equipment (except steel pipe line and elevators) of the United States post office at Denver, Colo. Drawings and specifications may be obtained on or after January 14, 1914, at this office or at the office of the architects, Tracy, Swartwout & Litchfield, 244 Fifth Avenue, New York, N. Y., in the discretion of the supervising architect, O. WENDEROTH, supervising architect.

PROPOSALS FOR STEEL.

STRUCTURAL STEEL—Sealed proposals indorsed "Proposals for Structural Steel for Five Buildings" will be received at the bureau of yards and docks, Navy Department, Washington, D. C. until 11 o'clock a. m. February 7, 1914, and then and there publicly opened, for about 1,100 tons of fabricated structural steel, including castings and pipe rails for stairways for five buildings and about 40 tons of steel reinforcing rods. Erection is not included. Plans and specifications can be obtained on application to the bureau. H. R. STANFORD, chief of bureau.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 820—Proposals for Forms for Steel Cylinders, Rivets, Bolts, Pulleys, Iron, Bronze Bars, Nails, Shovels, Wool Waste, Manila Rope, Oakum, Unslacked Lime, White Chipped Soap, Putty, Pitch, Lime, Zinc, Tapering, Japan, Primer, Lead Oil, Linseed Oil, Cressote Oil, Paints, Shellac, Varnish, Lampblack, Paper, Parboiled, Untreated Piles, and Cressote Swallow Ties—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C. until 10:30 a. m. January 27, 1914, at which time they will be opened in public for purchasing the above mentioned articles. Plans and general information relating to this circular (No. 820) may be obtained from this office or the office of the assistant purchasing agent, John North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; F. C. ROGERS, major, corps engineer, U. S. A., general purchasing officer.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE — 3 story and base. Class A construction, \$150,000. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, I. W. Hellman, Jr. This building will be erected in the owner's property at the corner of Broadway and Broderick streets, in one of the finest residence sections of the city. The building will contain twenty rooms, including billiard hall, conservatory and dance hall. There will be a complete steel frame with exterior walls faced with terra cotta and stone. Interior finish will be of hardwoods with hardwood floors throughout. There will be a central heating system, probably steam heat, elevator service and vacuum cleaning system. All bath rooms will be equipped with shower baths and will be finished in tile. A garage will also be erected on the lot. Working drawings are now being prepared and figures will be called for shortly.

RESIDENCE — 2 story and base, frame, \$4,000. San Francisco. Architect, none. Owner, Louis K. A. Colton, 534 Battery street, S. F. The dwelling has been designed for a seven-room house, and will be erected on the west side of 10th avenue, south of Balboa street. Interior will be finished in pine and redwood with some hardwood panels. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and shingles and a pressed brick veneer base. Plans are in the hands of the owner who will do the work by Day Labor.

RESIDENCE — 2 story and base, frame, \$15,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner's name withheld. The dwelling will be erected in Forest Hill on a lot about 45 feet by 160, and will contain a large living room, reception hall, library, breakfast room, dining room and kitchen on the first floor and bed rooms and open air sleeping porches on the second floor. The basement, which is elevated above the ground, will contain servants' rooms, billiard room, furnace room and cellars. The interior on the first floor will be finished in fumed oak in the craftsman style. The bed rooms will be finished in Louis XVI style and the sleeping porches will have cement floor and cement walls in regular country cottage style. The exterior elevations will be of cement plaster over metal lath in the true Spanish style. Plans are being prepared.

RESIDENCE — 2 story and base, frame, \$12,000. San Francisco. Architect, Charles J. Rousseau 46 Kearny street, S. F. Owner's name withheld. The dwelling will be erected in St. Francis Wood and will contain a large living room on first floor, recep-

tion hall, large dining room with French doors at one end leading to a conservatory, which will be used also as a breakfast room, there will also be kitchen and servants' rooms on the first floor. The second story will contain a sewing room and three large bed rooms and a large open air sleeping porch. The interior will be finished in red gum throughout, and the exterior will be in the old English style, half timber and cement plaster. Plans are being prepared.

BUNGALOW — 1½ story and base, frame, \$2,000. San Francisco. Architect, none. Owner, N. J. Nelson, 4278 23rd street, S. F. The dwelling will contain six rooms and bath, and is to be erected on 17th street, west of Cole. Interior finish will be of pine and redwood with oak floors in the principal rooms. There will be a large open fire place in the living room with a brick mantel. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster. Plans are in the hands of the owner and the work will be done by Day Labor. Materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, C. A. Hall, 1318 5th avenue, S. F. The house will be erected on the east side of 23rd avenue, south of Lake street, and will contain seven rooms and bath. Interior finish will be of pine and some hardwood panels. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete. The owner will do the work by Day Labor.

CANADIAN EXHIBIT PALACE — Frame and plaster construction, \$300,000. San Francisco. Architect, G. F. Freeman, London, now at the Palace Hotel, S. F. Owners, Dominion of Canada. Final plans for the Canadian building at the Exposition were submitted by the Canadian architect and approved by the division of works of the Exposition yesterday. Actual building is to be started shortly. Colonel William Hutchinson, Canadian Exposition Commissioner, who has been here for the last couple of weeks arranging the first details for Canada's exhibit, has been in constant communication with the heads of the various departments and divisions of the Exposition, and it is his desire to rush the work with all possible speed. Canada is to be one of the foremost exhibitors at the Exposition. The pavilion alone will cost in the neighborhood of \$200,000, and will be among the greatest of national and state buildings, being 340 feet long, 240 feet wide and 50 feet high. It will be the largest Exposition building ever erected by Canada. The estimates for Canada's exhibits here in 1915 call for an

expenditure of \$600,000. Practically the entire exhibit of Canada at the Ghent Exposition is en route here now.

WASHINGTON STATE EXHIBIT BUILDING — Frame construction, \$60,000. San Francisco. Architect, A. F. Heide, 46 Kearny street, S. F. Owners, State of Washington. Architect A. F. Heide has secured the approval of the Washington State Building Committee to his plans for their building to be erected at the Panama-Pacific Exposition. A two-story building is to be erected in place of the original three-story as intended. Washington will expend about \$60,000 in construction. Bids will be called for shortly.

ORIENTAL CONCESSION BUILDING — Frame construction, \$50,000. San Francisco. Architect, Alfred I. Coffey, Humboldt Bank Bldg., S. F. Owners, Fung Ming and Mr. Sullivan, Bankers' Investment Bldg. The building will be a three-story structure with a large central tower. A site 160 by 200 will be completely covered by the building. The design has been carried out in the true Oriental style. Modern plumbing and electric work will be installed. Exterior will be covered with cement plaster and a large amount of galvanized iron will also be used. Bids will be taken by the owners.

WISCONSIN STATE EXHIBIT BUILDING — Frame construction, Cost not stated. San Francisco. Architects, R. M. Messmer & Bros., Milwaukee, Wis. Owners, State of Wisconsin. Plans recently submitted in competition with a number of the leading architects of Wisconsin resulted in the selection of the above named architects to design the Wisconsin State Building. The exact amount of money to be expended has not yet been determined, and the question of the type of building to be erected is also an open subject at this time. Further mention will be made of the work.

COURT OF PALMS AND FLOWERS — Frame construction, \$184,000. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Strehlow, Freeze & Peterson submitted the lowest figure at \$184,000 for the construction of this building. Nell A. McLean was the next lowest bidder at \$197,000. A contract will be awarded in the course of a week.

CHURCH — Reinforced concrete construction, \$50,000. San Francisco. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, Star of the Sea Church. The building will be erected at the corner of Geary and 8th avenue, and will be designed in the Mission style. Interior will contain an auditorium seating 750 people, Sunday school rooms and social rooms. Interior finish will be of pine and redwood. Exterior of the building will be faced with cement plaster. Roof will be of red clay tile. Working drawings are being prepared.

ENGINE HOUSE AND STABLES — Reinforced concrete and frame. Cost not stated. San Francisco. Architect, Edmund Kollofrath, 550 Belvedere street, S. F. Owners, Merchants' Ice and Cold Storage Co. These buildings will form a part of the new plant which is to be erected at the southeast corner of Lombard and Montgomery streets. The engine house will be of reinforced concrete while the stable

building will be of frame construction. Plans for a large six-story ice and cold storage plant have also been completed and will go out for figures at once.

FLATS—2, 2 story and base, frame, \$5,000. San Francisco. Architect, Herbert A. Schmidt, Royal Insurance Bldg., S. F. Owner, Charles J. U. Koenig, 520 Church street. These two buildings will be erected on the north line of Broadway east of Larkin street. Each has been designed to contain two modern flats of five and six rooms each. Interiors will be finished in pine with some oak floors and elm panels. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot and composition floors. There will be automatic water heaters. Exterior will be covered with rustic and cement plaster or metal lath and a pressed brick veneer base. Plans are complete and the work will be done by Day Labor.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Rousseau Realty Co. The building will be erected on the south side of Greenwich street west of Larkin, covering an area of 27½ feet by 46½ feet. There will be two flats of five rooms each. Interior finish will be of pine and redwood. Oak floors will be used in the principal rooms. Bath rooms and kitchens will have tile wainscot. Exterior will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

FLATS—3 story and base, frame, \$7,000. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owners, Frediani Bros. The building will be erected on Folsom street near Third and will be arranged for one store on the first floor and two flats on the upper floors. Interior finish will be of pine and redwood. Gas grates and tile mantels will be used. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with shiplap and rustic. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$4,000. San Francisco. Architect, none. Owner, James Flanagan, 3342 Army street, S. F. The building will be erected on Serpentine street east of Mission, covering an area of 25 by 53½ feet. There will be four flats of five rooms and bath each. Interiors will be finished in pine and redwood with some oak floors. Each living room will have an open fire place and tile mantel. Bath rooms will have composition floors. Kitchens and baths will have tile wainscot. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner, who will do the work by Day Labor. All materials are now being purchased.

FLAT AND STORE—2 story and base frame, \$3,260. San Francisco. Architect, none. Owner, E. F. Maxwell, 738 Clement street, S. F. The building will be erected on the north side of Clement street east of 9th avenue. The first floor will be occupied by a store, while the upper floor will be arranged for a five room flat. Interior of the flat will be finished in pine and redwood with some oak floors. There will be an open fire place and tile mantel. Bath room

and kitchen will have tile wainscot. There will be patent store fronts. Exterior of the building will be covered with shiplap. Plans are complete and the work will be done by Day Labor.

FLATS—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, W. G. McDiarmid, 56 Ellisworth street, S. F. The building will be erected on the north side of 26th street west of Dolores, covering an area of 27 by 32 feet. Interior will be finished in pine and redwood. There will be two small flats. Bath rooms and kitchens will have tile wainscot. Open fire places and tile mantels are specified. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

FLAT ALTERATIONS—Frame construction, \$2,000 and \$3,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. Plans are complete and figures are now being taken for the alteration of two flat buildings. Included in the work will be new store fronts, plumbing, electric work, plastering, interior finish and exterior painting and plaster work.

HOTEL—3 story and base. Class C construction, \$15,000. San Francisco. Architect, David C. Coleman, Merchants' National Bank Bldg., S. F. Owner's name withheld. The building will be erected on Third street near Bryant and will be designed for hotels on the first floor and a number of store rooms and several baths on the upper floor. Interior will be finished in pine throughout. There will be steam heat and a central heating system. Bath rooms will have tile wainscot and composition floors. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans are out for figures.

HOTEL—4 story and base. Class C construction, \$40,000. San Francisco. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, M. C. and J. B. Kennedy. This building will be erected at the corner of Ellis and Larkin streets, covering a considerable ground area. There will be a store beside the hotel entrance and lobby on the first floor. Upper floors will be arranged for in the neighborhood of 70 guest rooms, a large percentage of which will have private baths. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will have tile wainscot and composition floors. Some wall beds will be used. Exterior of the building will be faced with pressed brick. Working drawings are being prepared.

SCHOOL—2 story and base. Class A construction, \$100,000. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans for the Washington Irving School, to be erected on the north side of Broadway between Sansome and Montgomery streets, have been approved and are now out for figures. Bids will be opened by the Board of Public Works on February 11th. Separate bids are being taken for the general construction, brick work, plumbing and gasfitting, electric work and heating and ventilating. An official

proposal appears in another column of this issue. Plans can be secured from the Department of Architecture.

SCHOOL—3 story and base, reinforced concrete, \$70,000. San Francisco. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, St. Paul's Church. The building will be erected at the corner of 29th and Church streets, and will be designed for a parochial school. There will be a number of class rooms, general office and a large auditorium. Interior will be finished in pine. Plans provide for a central heating system, probably steam, program clocks and vacuum cleaning. Exterior will be faced with cement plaster. Working drawings are being prepared.

OFFICE BUILDING—19 stories or more. Class A construction, \$500,000. San Francisco. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owners, Firemen's Fund Insurance Co. The announcement that Lewis P. Hobart has been selected as the architect for this building has just been made. The structure which will rank among the most modern of San Francisco's office buildings, will be erected at the corner of California and Sansome streets, covering considerable ground area. Construction will be fireproof throughout with a complete steel frame, exterior walls of brick and concrete faced with pressed brick and terra cotta. Floors will be of reinforced concrete with hollow tile partitions. Metal trim, metal window sash and frames will add to the fire resisting qualities of the building. Hardwoods, marble and tile will be used for interior finish. The entire first floor, mezzanine and a part of the second floor will be occupied by the Firemen's Fund Insurance Co. A total of some 300 offices will occupy the balance of the building. Plans provide for steam heat, passenger and freight elevators, vacuum cleaning and mail chutes. Working drawings are being completed and figures will be called for shortly.

RESTAURANT ALTERATIONS—Cost not stated. San Francisco. Architect, Oscar H. Ostlund, 64 Raush street, S. F. Owner, G. W. White. The building now located at 122 to 130 Kearny street is to undergo extensive alterations and will be fitted up for a high class restaurant. Included in the work will be concrete and marble floors, interior finish, plumbing, electric work and painting. Brazilian walnut, blue gum and other hardwoods will be used. Plans are complete and figures are being taken.

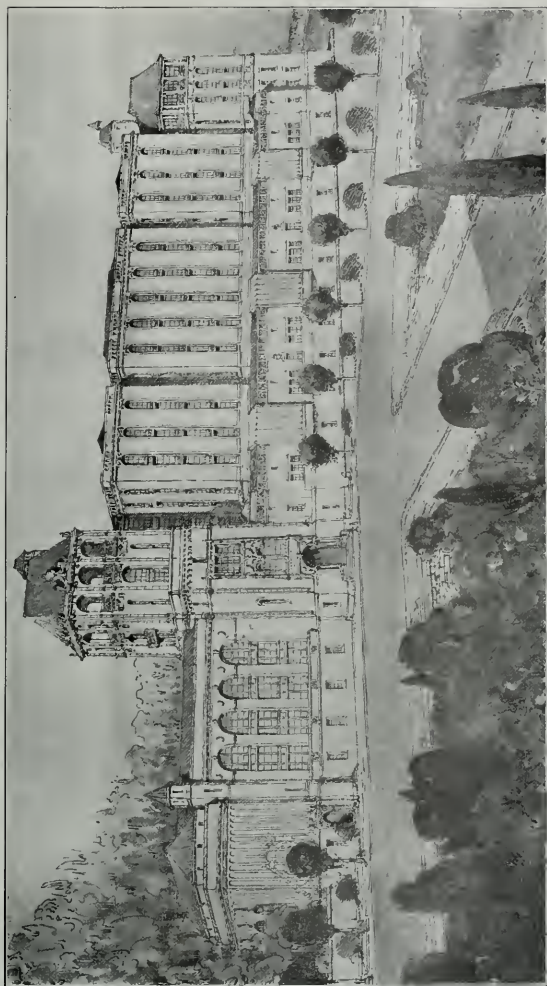
MORGUE—Class A construction, \$73,330. San Francisco. Architect, City Department of Architecture, Temporary City Hall. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of Public Works show T. W. McClenahan low at \$73,330. He will probably be awarded the contract. A complete list of the figures received will be found under the heading of San Francisco in this issue.

APARTMENT HOUSE—3 story and base, reinforced concrete, \$60,000. San Francisco. Architect, Matthew O'Brien, Foxcroft Bldg., S. F. Owner's name withheld. The building will be erected at the corner of Divisadero and Duboce streets, and will cover a large area. Suites will contain two, three



LATEST AND ACCEPTED DESIGN FOR HOBART BUILDING
 San Francisco

Willis Polk & Co., Architects
 San Francisco



NEW HOSPITAL BUILDING TO BE ERECTED AT THE AFFILIATED COLLEGES.
San Francisco

Lewis P. Hobart, Architect
San Francisco

and four rooms with bath. Interior finish will be of pine and hardwoods with oak floors in the principal rooms. All apartments will be equipped with wall beds. Plans provide for steam heat, elevator service, a hot water system and vacuum cleaning. Bath rooms will have composition floors and tile wainscot. Marble and tile will be used in the entrance. Exterior of the building will be faced with pressed brick. Plans are being prepared.

APARTMENT HOUSE—4 story and base, reinforced concrete, \$32,750. San Francisco Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, J. D. Reite. The building will be erected on the south side of Post street west of Larkin, having a frontage of 25 feet by a depth of 120 feet. There will be 27 suites of two and three rooms. Interiors will be finished in pine and hardwood panels with some oak floors. Plans provide for steam heat, an automatic elevator and vacuum cleaning. All suites will be equipped with wall beds and will have private bath rooms. Bath rooms will have composition floors and tile wainscot. Marble and tile will be used in the entrance. Exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor. All materials are being purchased.

EXHIBIT BUILDING—Frame construction, \$15,000. San Francisco. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Ghirardelli Chocolate Co. Plans are being prepared for a private concession building which will be occupied by the Ghirardelli Company. The design will probably be in the Mission style with the exterior covered with cement plaster on metal lath. Preliminary drawings are being prepared. Further mention will be made of the work.

RESIDENCES—2, 2 story and base, frame, \$2,500 each. San Francisco. Architect, none. Owner, F. Neilson, 30 Presidio Terrace, S. F. These houses will be erected on the west line of 15th avenue north of California. Each dwelling will contain six rooms and bath. Interiors will be finished in pine with some hardwood panels. Oak floors will be used in the living rooms and dining rooms. There will be large open fire places and tile or brick mantels. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the houses will be covered with cement plaster on metal lath. Plans are complete and the owner will do the work by Day Labor. All materials are now being purchased.

Contracts Awarded.

PIER CONSTRUCTION—\$146,215 San Francisco. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Contractors, Healy-Thibbitts Construction Co., S. F. Contract price, \$146,215. Other figures submitted for this work will be found under the heading of San Francisco in

PLANS FILED FOR MUSEUM.

Plans were filed January 23rd with John P. Horgan, Chief Inspector of Buildings of the Board of Public Works, for the construction of a museum in Golden Gate Park, to cost approximately \$200,000. Plans for this structure were prepared by Architect Lewis P. Hobart.

Much New Work At Army Posts.

Working Drawings for New Stables Being Completed and Figures Will Be Called For Shortly.

The Constructing Quartermaster's office at Fort Mason are now working over 1000 men on the various construction enterprises on which the department is engaged. About 500 of these men are from the ranks of the unemployed and were turned over to the Constructing Quartermaster by the city authorities and were put to work on the construction of McDowell avenue.

NEW STABLE BUILDINGS.

The Secretary of War has allotted about \$90,000 for the construction of five new reinforced concrete stables, which are to be erected for the Presidio and Fort Scott. Each building will be about 185 feet long and 65 feet wide. Floors will be of paving brick while the most approved stable equipment will be installed, including electric lights and plumbing. Each stable will have a capacity of about 100 animals. Exteriors will be covered with cement plaster and roofs will be of red clay tile. As soon as plans and specifications can be finished the work will be advertised for bids. The site for the buildings is now being cleared by day labor, but a contract will probably be let for the grading. Plans for a complete drainage system through the stable site have been complete and sent to Washington for approval.

MUCH NEW ROAD WORK.

McDowell avenue, on which over 500 of the unemployed are at work, is to be converted into a scenic boulevard about four miles long. The roadway will consist of a one course six inch concrete pavement, using a one part cement, two parts sand and three and one-half parts stone mix, laid fairly dry. The rest of the roads in the reservation will be constructed of oiled macadam. All work will be done by day labor except the placing of the concrete, which will be let by contract.

PIER AND BREAKWATER.

Plans for a new pier and breakwater, which is to be erected at Fort Berry, have been prepared by the Constructing Quartermaster's office and have been sent to Washington for approval. The pier and breakwater will be of stone with an apron wharf on one side 200 by 50 feet and an approach of 115 by 25 feet. The pier will be carried on 10 inch iron pile, the superstructure being of frame. An estimated cost of \$65,000 is placed on the work.

HOSPITAL IMPROVEMENTS.

A ward for the treatment of special cases at the Letterman General Hospital has been authorized by the Surgeon General. This building will be two stories high covering an area of 80 by 28 feet, construction being of reinforced concrete. Exterior will be faced with cement plaster and a red clay tile roof will be used. Plans include modern heating, electric work and ventilating. An estimated cost of \$20,000 is placed on the work.

The refrigerating plant at the Letterman General Hospital is to be enlarged by the addition of another ice

machine and ice tank. Plans for this work are now being completed by Engineer O. W. Degen of the Constructing Quartermaster's office.

Work of converting Fort Point into a detention barracks for 500 men will be started in a few days. The work will be done by the purchase of materials and prison labor.

Bids For Court Of Palms and Flowers.

Strehlow-Freeze & Peterson Low Men For Big Exposition Building Nell A. McLean Next.

The lowest bid received for the construction of the Court of Palms and Flowers was presented by Strehlow-Freeze & Peterson at \$184,000, while the next lowest figure came from Nell A. McLean at \$197,000.

Bids were opened by the Buildings and Grounds Committee of the Panama Pacific Exposition Company.

State Harbor Board Award Pier Contract.

Healy-Thibbitts Construction Company Will Build Pier No. 46. Bids to Be Called For on Two Jobs.

Bids were opened by the State Board of Harbor Commissioners on Thursday, January 22nd, for the construction of Pier No. 46. The lowest figure was submitted by Healy-Thibbitts Construction Company at \$146,215 and a contract has been awarded. A complete list of bids follow:

Pier No. 46.

San Francisco Bridge Co.	\$151,770
Healy-Thibbitts Constr. Co.	146,215
Thompson Bridge Co.	149,870
Hyde-Harjes Co.	156,000

At the same meeting the Secretary was instructed to advertise for bids on widening pier No. 54 and for the construction of Ferry Slip No. 8.

City Bids Opened.

Bids Received For the City Morgue, Four Bidders Identical on Furnishing Copper Nail Bonds.

Bids were opened by the Board of Public Works at their Wednesday afternoon session for the construction of the morgue in the new Hall of Justice. T. W. McClanahan presented the low figure at \$34,330. Other figures received were as follows:

Morgue, Hall of Justice.

William Bateman	\$43,250
Newsom, Wold & Kohn	35,760
Sound Constr. & Eng. Co.	36,527
Grant Fee	40,000
Caldwell & Son	36,572
T. W. McClanahan & Co.	34,330
McSheehy Bros.	35,933
Monson Bros.	35,837
O. C. Holt	37,940

Bids were also received for furnishing copper nail bonds for the new Municipal lines. Unit prices were asked for on eight propositions. The

figures submitted by the United States Steel Products, Westinghouse Electric Mfg. Co., Electric Service Co., and the General Electric Co. on each of these propositions were identical. Holabird & Reynolds, bidding on two of the propositions were somewhat below the others.

Death Notice.

**Architect William Curlett Passes Away
At His Home in Menlo Park After
Long Illness.**

It is with the deepest regret that the "Builder" announces the death of Architect William Curlett at his home in Menlo Park on Wednesday morning, January 21st.

Mr. Curlett was one of the ablest and most respected members of the architectural profession and has devoted the greater part of a life extending over seventy years to his profession. Among the many notable structures which were designed by him, may be mentioned: The Los Angeles County Court House, the Mary Pauline Payne residence at Menlo Park, the McLean and Addison Head Buildings in this city and other large commercial structures in various parts of the State.

Mr. Curlett's death comes as the result of an illness extending over a considerable period, during which he has been confined to his home at Menlo Park.

Building Contracts Awarded

San Francisco.

No.	Owner	Contractor	Amt.
161	Academy Science.....	Sunset	2000
161	Zellerbach.....	Perazzi	600
189	Sylvia.....	Sylvia	1000
190	Montreuil.....	Montreuil	1200
191	Callender.....	Silva	2500
192	MacDonald.....	MacDonald	400
192	Erikson.....	Peterson	3000
191	Maxwell.....	Maxwell	3200
193	Hatfield.....	Grahn	1850
196	McDiarmid.....	McDiarmid	2100
197	Miller.....	Allen	1400
198	Glynn.....	Donaldson	600
199	Rath.....	Rath	1500
201	Sheffel.....	Kiernan	1650
191	Koenig.....	Koenig	5000
202	Same.....	Same	5000
203	Tubbs.....	Walker	4000
204	Goetze.....	Binet	2605
204	Westrate.....	Liberton	6792
205	Cesana.....	Scarroni	6650
207	Del Treilici.....	Hantzschke	3100
207	P P I E.....	Monk	2215
208	Same.....	Healy	12500
210	Goetze.....	Witzelburger	3400
162	Witt.....	Stroth	400
163	Same.....	Same	400
164	Umbsen.....	Hoek	4000
165	Cook.....	Douman	500
166	Finegan.....	Finegan	4000
167	Thomas.....	Faulker	400
168	Franchi.....	Franchi	1000
169	Hall.....	Hall	2900
170	Roth.....	Roth	1000
171	Keyes.....	Gilson	400
172	Colton.....	Colton	4000
175	Girol.....	Montani	400
174	Porter.....	Hansbrough	400
185	Nelson.....	Nelson	2000
176	Thompson.....	Warburton	3500
177	Recreation Pk.....	Peterson	6175
178	Same.....	Ward	26300
179	Brington.....	Gilbertson	2535
180	Same.....	Frantz	4000
181	Same.....	Schrader	1558
182	Lynch.....	Anderson	2350
183	Sage.....	Nasty	6000
181	Nakagawa.....	O'Neill	7250
185	Gillen.....	Woodbridge	3800
186	Stanford.....	Only	4058
187	Same.....	Wilhelm	783
188	Belli.....	Fillippis	7890

211	Kryuse.....	Wengard	2500
212	Same.....	Same	2500
213	Same.....	Same	2500
214	Chiossi.....	Chiossi	500
215	Merrillon.....	Deane	400
216	Branscombe.....	Branscombe	8000
217	Hind.....	Peltz	1234
218	Academy Science.....	Wilson	2300
219	Lam, Sai Hoo Tong.....	Eliam	3765
220	McGaw.....	Hill	1776
221	Same.....	Marcessen	9784
222	Barone.....	Johnson	10000
223	Hens.....	Schmitt	400
224	Rousseau.....	Rousseau	5000
225	Nelson.....	Nelson	2500
226	Same.....	Same	2500
227	Saltz.....	Maister	500
228	Relte.....	Relte	32750
229	P P I E.....	Woods	72000
230	Morgan.....	Hill	10665
231	Weinstein.....	Weinstein	2000
232	Acad'y Science.....	Scott	2150

(160) IN GOLDEN GATE PARK SE of Band Stand. Excavation for Museum Building.
Owner.....California Academy of Sciences.

Architect.....Lewis P. Hobart, Crocker Bldg., San Francisco.
Contractor.....Sunset Contr. Co., 62 Post, San Francisco.

Filed Jan. 19, '14. Dated Jan. 6, '14.
Excavation completed.....\$200
Back filling completed.....500
Completed and accepted.....800
Usual 35 days, balance.....25%
TOTAL COST, \$2000
Bond, \$1000. Surety, National Surety Co., Limit, 70 days. Forfeit, none.
Plans and specifications filed.

(161) S CLAY 200 E Drumm E 75xS 119-6. Plumbing and gas fitting for extension of vent pipes and cold and hot water pipes in addition of 3rd story to present two-story and basement brick building.
Owner.....Zellerbach Levison Co.
Architect.....None.

Contractor.....H. J. Perazzi, 2237 Leavenworth, San Francisco.
Filed Jan. 19, '14. Dated Jan. 17, '14.
Plumbing roughed in.....\$225
Completed and accepted.....225
Usual 35 days.....150
TOTAL COST, \$600
Bond, \$300. Sureties, Jno. S. Phillips and Chas. Lauffer. Limit, 30 days. Forfeit, \$10. Plans and specifications filed.

(162) NO. 3632 ARMY. Repair steps.
Owner.....J. Witt, 58 Woodland Ave., San Francisco.
Architect.....None.
Contractor.....E. C. Stroth, 477 14th, S. F.
COST, \$400

(163) NOS. 1409-21 GUERRERO. Repair steps.
Owner.....J. Witt, 58 Woodland Ave., San Francisco.
Architect.....None.
Contractor.....E. C. Stroth, 477 14th, S. F.
COST, \$180

(164) NO. 20 MONTGOMERY. Underpin wall.
Owner.....G. H. Umbsen, Premises.
Architect.....None.
Contractor.....Chas. H. Hoek, 130 Jessie, San Francisco.
COST, \$400

(165) NO. 5426 ARMY. Electric wiring, new lath and plaster partitions.
Owner.....John H. Cook, Premises.
Architect.....None.
Contractor.....T. J. Douman, 1477 6th Ave., San Francisco.
COST, \$500

(166) S SERPENTINE 270 E Mission. Two-story and basement frame (4) flats.

Owner.....Jas. Finegan, 3342 Army, San Francisco.
Architect.....None.
Day's work.....COST, \$4000

(167) NOS. 57-59 THIRD. Alter shop.
Owner.....The Thomas Estate, Prem.
Architect.....None.
Contractor.....W. M. Faulker, 1116 Ellis, San Francisco.
COST, \$400

(168) W THIRTIETH AVE 300 N Geary. One-story and basement frame dwelling.
Owner.....C. J. Franchi, 237 Scott, San Francisco.
Architect.....None.
Day's work.....COST, \$1000

(169) E TWENTY-THIRD AVE 250 S Lake. Two-story and basement frame residence.
Owner.....C. A. Hall, 1318 5th Ave., San Francisco.
Architect.....None.
Day's work.....COST, \$2900

(170) NO. 316 SCOTT. Alter residence.
Owner.....Max Roth, Premises.
Architect.....M. J. Lyon Co.
Day's work.....COST, \$

(171) NO. 26 MONTGOMERY. Underpinning.
Owner.....Keyes Estate, Humboldt Bank Bldg., S. F.
Architect.....None.
Contractor.....J. E. Glison, 180 Jessie, San Francisco.
COST, \$400

(172) W TENTH AVE 153 S Balboa. Two-story and basement frame residence.
Owner.....Louis A. Colton, 534 Battery, San Francisco.
Architect.....None.
Day's work.....COST, \$4000

(173) NOS. 2708-10-12 GREENWICH. Minor changes to dwelling.
Owner.....G. Giol, Premises.
Architect.....None.
Contractor.....Montani & Stefanini, 1753 Greenwich, San Francisco.
COST, \$100

(174) NO. 51 PERALTA AVE. Repair flat.
Owner.....Mrs. M. Porter, Premises.
Architect.....None.
Contractor.....G. W. Hansbrough, 1433 Steiner, San Francisco.
COST, \$400

(175) S SEVENTEENTH 152 W Cole. One and one-half-story and basement frame dwelling.
Owner.....N. J. Nelson, 1278 23rd, San Francisco.
Architect.....None.
Day's work.....COST, \$270

(176) E DOLORES 55-9 N 15th N 137-6 x E 90. Plumbing for three frame apartment houses.
Owner.....Adrienne and Nellie Thompson.
Architect.....None.
Contractor.....Thos Warburton, 455 7th Ave., San Francisco.
Filed Jan. 20, '14. Dated Jan. 8, '14.
Every 14 days payments of.... 75%

Usual 35 days..... 25%
TOTAL COST, \$3850
 Bond, \$1225. Surety, U. S. Fidelity & Guaranty Co. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(177) SW MASONIC AVE AND ST. Rose Ave W 55x85 540. Excavation and concrete work for buildings, bleachers, grand stand and fences.
 Owner.....The Recreation Park Association, 15th and Valencia, San Francisco
 Architect...Walter J. Mathews, 927 Broadway, Oakland.
 Contractor...H. L. Peterson, 62 Post, San Francisco.

Filed Jan. 20, '14. Dated Dec. 31, '13.
 As work progresses..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$6175

Bond, none. Limit, 20 days. Forfeit, \$100. Plans and specifications filed.

(178) ERECTION OF GRAND STAND, bleachers, office and club house buildings for base ball park on above
 Contractor...Ward & Goodwin, 981 Guerrero, San Francisco.

Filed Jan. 20, '14. Dated Jan. 15, '14.
 1/4 of work completed.....\$4931.25
 1/2 of work completed..... 4931.25
 3/4 of work completed..... 4931.25
 Completed and accepted..... 4931.25
 Usual 35 days..... 6575.00
TOTAL COST, \$26,300.00

Bond, none. Limit, March 16, 1914.
 Forfeit, \$50. Plans and specifications filed.

(179) NW WASHINGTON & DAVIS W 75xN 60. Brick work, pointing, cementing and cleaning down two-story and basement brick store bldg.
 Owner.....Catherine Rylington, 1308 Call Bldg., San Francisco.
 Architect...Earl B. Scott, Humboldt Bank Bldg., S. F.

Contractor...L. Gihertsen and F. A. John as Gihertsen & John, 110 Jessie, San Francisco.

Filed Jan. 20, '14. Dated Jan. 14, '14.
 Walls to 2nd floor joists.....\$600
 Walls to ceiling joists..... 600
 Completed and accepted..... 635
 Usual 35 days..... 700
TOTAL COST, \$2535

Bond, \$1268. Surety, The Aetna Accident & Liability Co. Limit, none. Forfeit, \$25. Plans and specifications filed.

(180) CARPENTER, TIN AND GALVANIZED IRON WORK, denuding, stairs, glass, glazing, hardware, etc., on above.

Contractor...Val Franz, 185 Stevens, San Francisco.

Filed Jan. 20, '14. Dated Jan. 14, '14.
 2nd floor joists in place.....\$ 750
 Roof on 750
 Completed and accepted..... 1500
 Usual 35 days..... 1400
TOTAL COST, \$4400

Bond, \$2200. Surety, National Surety Co. Limit, 30 days. Forfeit, \$25. Plans and specifications filed.

(181) STEEL AND IRON WORK ON above.

Contractor...Schrader Iron Works, 1247 Harrison, San Francisco.

Filed Jan. 20, '14. Dated Jan. 14, '14.
 Completed and accepted.....\$1158
 Usual 35 days..... 400
TOTAL COST, \$1558

Bond, \$900. Surety, National Surety Co. Limit, 30 days. Forfeit, \$25. Plans and specifications filed.

(182) S TWENTY-FIFTH 160 W Castro

All work for one and one-half-story and basement frame residence.

Owner.....William T. and Bertha Lynch, 2567 Folsom, S. F.

Architect...None.

Contractor...A. V. Anderson, 1223 23rd, San Francisco.

Filed Jan. 20, '14. Dated Jan. 19, '14.
 Roof on\$487.50
 White coat plaster on..... 487.50
 Completed and accepted..... 487.50
 Usual 35 days..... 487.50
TOTAL COST, \$2350.00

Bond, none. Limit, 90 days from Jan. 22, 1914. Forfeit, none. Plans and specifications filed.

(183) W BRYANT 25 N 16th W 89-3x N 25 O N 25. Excavation, concrete, carpenter, mill, iron, stair, glazing, plaster, roofing, hardware, etc., for two-story frame stores and flats.

Owner.....Jochim Sass, 1695 Bryant, San Francisco.

Architect...H. Gelfuss & Son, 46 Kearny, San Francisco.

Contractor...John Casty 110 Jessie San Francisco.

Filed Jan. 20, '14. Dated Jan. 14, '14.
 Frame up\$1125
 Roofed and partitions set..... 1125
 White coated 1125
 Usual 35 days..... 1500
 Completed and accepted..... 1125
TOTAL COST, \$6000

Bond, \$3000. Sureties, Wm. Camp and C. A. Carillon. Limit, 90 days. Forfeit, \$10. Plans and specifications filed

(184) NW BUCHANAN AND POST N 90xW 65 W A 275. Alterations and additions to three-story frame building into stores and flats.

Owner.....J. K. Nakagawa.

Architect...O'Brien Bros., Inc., Clunie Bldg., San Francisco.

Contractor...Daniel O'Neil, 278 Natoma San Francisco.

Filed Jan. 21, '14. Dated Jan. 15, '14.
 Building raised, new 2nd story joists set, columns and girders in position\$1812 50
 Building floored, electric wiring roughed in and plumbing roughed in 1812 50
 Completed and accepted..... 1812 50
 Usual 35 days..... 1812 50
TOTAL COST, \$7250 00

Bond, \$3625. Sureties, Jas. F. Smith and Martha F. O'Neill. Limit, 60 days after Jan. 19. Forfeit, none. Plans and specifications filed

(185) W MENDELL 75 N Nocombe Ave. All work for two-story frame flats.

Owner.....Mary T. Gillen, 1600 Newcomb Ave., San Francisco.

Architect...None.

Contractor...L. C. Woodbridge.

Filed Jan. 21, '14. Dated Jan. 20, '14.
 Frame up\$950
 Brown coated 950
 Completed and accepted..... 950
 Usual 35 days..... 950
TOTAL COST, \$3800

Bond, none. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

(186) E WEBSTER, bet Sacramento and Clay. Excavation, concrete, brick, plastering, carpenter, mill,

sheet metal, steel and iron, glass, electric, painting, hardware, etc., for transformation of present amphi-theatre for uses of laundry for Lane Hospital.

Owner.....Board of Trustees of the Leland Stanford Junior University, 1st Nat'l Bank Bldg., San Francisco.

Architect...Bakewell & Brown, 251 Kearny, San Francisco.

Contractor...A. H. Wilhelm, 180 Jessie, San Francisco.

Filed Jan. 21, '14. Dated Jan. 14, '14
 On 15th of each month 75%
 Usual 35 days..... 25%
TOTAL COST, \$4058

Bond, \$2029. Surety, Wilson Bros. & Co. Limit, March 15, 1914. Forfeit, none. Plans and specifications filed.

(187) PLUMBING ON ABOVE.

Contractor...Jas. H. Pinkerton, 2266 Fulton, San Francisco.

Filed Jan. 21, '14. Dated Jan. 14, '14.
 Completed and accepted.....\$587 25
 Usual 35 days..... 195 75
TOTAL COST, \$783 00

Bond, \$391.50. Surety, Fidelity & Deposit Co. of Maryland. Limit, March 15, 1914. Forfeit, none. Plans and specifications filed.

(188) SE FILLMORE AND JACKSON E 95xS 40. Alterations and additions of two-story frame residence into 3-story frame (stores and flats) and erect a one-story frame market building.

Owner.....Angelo Beltr. NW Fillmore & Washington, S. F.

Architect...Chas. Fantoni 916 Kearny, San Francisco.

Contractor...V. Filippis, 866 Union, San Francisco.

Filed Jan. 21, '14. Dated Jan. 20, '14.
 Buildings roofed\$1972 50
 Buildings brown coated..... 1972 50
 Completed and accepted..... 1972 50
 Usual 35 days..... 1972 50
TOTAL COST, \$7890 00

Bond, \$3945. Surety, Fidelity & Deposit Co. of Maryland. Limit, 75 days after Jan. 26. Forfeit, \$5. Plans and specifications filed.

(189) E THIRTY-EIGHTH AVE 300 S Geary. One-story and basement frame dwelling.

Owner.....A. M. Sylvia, 375 41st Ave., San Francisco.

Architect...None.

Day's work. COST, \$1000

(190) W ANDOVER 300 S Virginia. One and one-half-story and basement frame dwelling.

Owner.....P. W. Montrouil, 255 Morille, San Francisco.

Architect...None.

Day's work. COST, \$1200

(191) E SIXTEENTH AVE 150 S Anza. Two-story and basement frame dwelling.

Owner.....Henry E. and Mary Callender, 546 6th Ave., S. F.

Architect...John H. Dreyer, 560 6th Ave., San Francisco

Contractor...Frank Silva, Sausalito.

COST, \$2500

(192) NO. 78 CAIN AVE. Raise dwelling and build new foundation.

Owner.....J. A. MacDonald, 59 College Ave., San Francisco.

Architect...None.

Day's work. COST, \$400

(143) W SURREY 450 N Castro. Two-story and basement frame residence. Owner.....Albion Eriksen, 2312 23rd, San Francisco.

Architect...None.
Contractor...A. Peterson, 544 Guerrero, San Francisco.
COST, \$3000

(194) N CLEMENT 56 E Ninth Ave. Two-story and basement frame store and flat.
Owner.....E. F. Maxwell, 738 Clement, San Francisco.

Architect...None.
Day's work.....COST, \$3200

(195) W De HARO 206 S 22nd One and one-half-story and basement frame dwelling.
Owner.....Samuel Hatfield, 1058 De Haro, San Francisco.

Architect...None.
Contractor...Wm. H. Grahn, 2840 Bryant, San Francisco.
COST, \$1800

(196) N TWENTY-SIXTH 70 W Dolores. Two-story and basement frame flats.
Owner.....W. G. McDiarmid, 56 Ellisworth, San Francisco.

Architect...None.
Day's work.....COST, \$2100

(197) S SEVILLE 173 E Naples. One-story and basement frame dwelling.
Owner.....John Miller, 1031 Belmont Ave, Fresno.

Architect...None.
Contractor...L. L. Allen, 4525 Mission, San Francisco.
COST, \$1400

(198) W FRANCONIA 109 S Rutledge. One-story and basement frame dwlg.
Owner.....Peter Glynn, 330 Rutledge, San Francisco.

Architect...None.
Contractor...D. T. Donaldson, 1637 Stuart, Berkeley.
COST, \$600

(199) S FARALLONE 250 E Capitol. Two-story and basement frame dwlg.
Owner.....Adam Rath, 173 Farallone, San Francisco.

Architect...None.
Day's work.....COST, \$1500

(200) NOS. 1914-16 PINL. Install low pressure heating plant and domestic hot water storage for coal burning.
Owner.....M. Sheftel Co., 2083 Bush, San Francisco.

Architect...None.
Contractor...Klernan & O'Brien Heating Works, 1754 Mission, San Francisco
COST, \$1650

(201) N BROADWAY 160 E Larkin. Two-story and basement frame residence.

Owner.....Chas. J. U. Koenig, 520 Church, San Francisco.
Architect...Herbert A. Schmidt, Royal Insurance Bldg., S. F.
Day's work.....COST, \$5000

(202) N BROADWAY 137-6 E Larkin. Two-story and basement frame residence.
Owner.....Chas. J. U. Koenig, 520 Church, San Francisco.

Architect...Herbert A. Schmidt, Royal Insurance Bldg., S. F.
Day's work.....COST, \$5000

(203) W KENTUCKY 130 N 23rd. Construct retaining wall, new sidewalk lights and fill present tunnel.
Owner.....Tubbs Cordage Co., Iowa and 22nd, S. F.

Engineer...Maurice Couchot, French Bank Bldg., S. F.
Contractor...P. J. Walker, Monadnock Bldg., San Francisco.
COST, \$4000

(204) E EIGHTH AVE 56 N Lawton. All work except painting, glass and glazing for one-story and basement frame cottage.

Owner.....F. W. and Ida Goetze.
Architect...None.
Contractor...John J. Bluet & Co., 68 Ramona Ave., S. F.

Filed Jan. 22, '14. Dated Jan. 21, '14.
Frame up\$651 25
Brown coated 651 25
Completed 651 25
Usual 35 days..... 651 25

TOTAL COST, \$2605 00
Bond, none. Limit, 100 days after Jan. 22. Forfeit, none. Plans and specifications filed.

(205) LOTS 8 AND 9 BLK 6, St. Francis Wood. Grading, excavation, concrete, carpentry, brick and tile, sheet metal, plumbing, lathing, plastering, glazing, electric wiring and wrought iron for two-story and basement frame dwelling.

Owner.....Westgate Park Company.
Architect...Henry H. Guterson.
Contractor...E. E. Etherton, Southmayde Apts., S. F.

Filed Jan. 22, '14. Dated Jan. 7, '14.
Frame up and roof boarding on\$1273 50
Sheathing on and roof completed 1273 50
Plastering finished 1273 50
Completed and accepted 1273 50
Usual 35 days..... 1698 00

TOTAL COST, \$6792 00
Bond, \$2396. Surety, United States Fidelity & Guaranty Co. Limit, 80 days after Jan. 8. Forfeit, \$5. Plans and specifications filed.

(206) W MASON 95-3 N Pacific N 22-3 xW 137-6. All work for three-story and basement frame flats.

Owner.....Angelina Cezana, 648 Valjeo, San Francisco.
Architect...Chas. Pantori, 916 Kearny San Francisco.

Contractor...Antonio Sclaroni and C. Mancini.

Filed Jan. 22, '14. Dated Jan. 16, '14.
Building roofed\$1663 50
Brown coated 1663 50
Completed and accepted 1663 50
Usual 25 days..... 1663 50

TOTAL COST, \$6650 00
Bond, \$3225. Surety, Chicago Bonding & Surety Co. Limit, 90 days after Jan. 26. Forfeit, \$3.50. Plans and specifications filed.

(207) E TWENTY-FOURTH AVE 160 S Clement. Two-story and basement frame flats.

Owner.....V. Del Tridici, 340 7th Ave., San Francisco.
Architect...None.

Contractor...Hantzsch & McKay.
COST, \$3100

(208) EXPOSITION SITE. Construction of boiler house for Horticulture building.

Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.

Architect...None.
Contractor...John Monk, Exposition Site, San Francisco.

Filed Jan. 22, '14. Dated Jan. 12, '14.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$2215

Bond, \$1500. Surety, American Surety Co. of New York. Limit, March 31, '14. Forfeit, \$10. Plans and specifications filed.

(209) EXPOSITION SITE. Construction and installation of sanitary and storm sewers for Western Sites and Live Stock Section.

Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.

Architect...None.
Contractor...Healy-Thibbitts Constr. Co., 9 Main, San Francisco.

Filed Jan. 22, '14. Dated Jan. 16, '14.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$14,300

Bond, \$5000. Surety, Globe Indemnity Co. Limit, 120 days. Forfeit, \$15. Plans and specifications filed.

(210) E BEIDEMAN 75 N Ellis N 100x E 30. All work for alterations to old building and erection of new two-story frame building.

Owner.....Edw. H. Goetze.
Architect...L. M. Weismann & Son, Pacific Bldg., S. F.

Contractor...Jacob Witzelsberger, 126 Rousseau, S. F.

Filed Jan. 22, '14. Dated Jan. 19, '14.
Enclosed\$1400
Completed and accepted..... 1150
Usual 35 days 850

TOTAL COST, \$2400
Bond, \$1700. Sureties, Geo. Wolenschlaeger and Jerry Casey. Limit, none. Forfeit, none. Plans and specifications filed.

(211) N COLLEGE TERRACE 250 W Mission. Two-story and basement frame residence.

Owner.....J. H. Kruse, 23rd and Folson, San Francisco.

Architect...Jos. M. Geary, 2581 Post, San Francisco.

Contractor...C. T. Wengard, 3638 Judah San Francisco.

COST, \$2500

(212) N COLLEGE TERRACE 225 W Mission. Two-story and basement frame residence.

Owner.....J. H. Kruse, 23rd and Folson, San Francisco.

Architect...Jos. M. Geary, 2581 Post, San Francisco.

Contractor...C. T. Wengard, 3638 Judah San Francisco.

COST, \$2500

(213) N COLLEGE TERRACE 200 W Mission. Two-story and basement frame residence.

Owner.....J. H. Kruse, 23rd and Folson, San Francisco.

Architect...Jos. M. Geary, 2581 Post, San Francisco.

Contractor...C. T. Wengard, 3638 Judah San Francisco.

COST, \$2500

(214) SW LOMBARD & OCTAVIA.
Repair saloon.
Owner.....George H. Chiossi, 721
Pacific Bldg., S. F.
Architect...None.
Day's work. COST, \$500

(215) NO. 1706 BROADWAY. New
skate roof.
Owner.....R. P. Merrillon, Premises.
Architect...None.
Contractor...Deane & Co., 110 Jessie,
San Francisco.
COST, \$400

(216) NW CHATTANOOGA AND 24th
Three-story and basement frame
stores and (8) apartments.
Owner.....J. M. & M. E. Branscombe,
292 Chattanooga, S. F.
Architect...J. B. Randell, 1327 Palm,
Alameda
Contractor...M. E. Branscombe, 292
Chattanooga, S. F.
COST, \$3600

(217) CALIFORNIA, bet: Front and
Battery. Extra plastering for build-
ing.
Owner.....The Hind Estate Co., 310
California, S. F.
Architect...None.
Contractor...R. D. Felt.
Filed Jan. 23, '14. Dated Oct. 17, '13.
Terms and conditions as per
conditions of contract dated
August 14, 1913.
TOTAL COST, \$1234
Bond, limit, forfeit, none. Specifica-
tions only filed.

(218) IN GOLDEN GATE PARK SE
of Band Stand. Plumbing, water
supply, plumbing fixtures, etc., for
Museum Building.
Owner.....California Academy of
Sciences.
Architect...Lewis P. Hobart, Crocker
Bldg., San Francisco.
Contractor...Wm. F. Wilson Co., 1175
Turk, San Francisco.
Filed Jan. 23, '14. Dated Jan. 15, '14.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$3800
Bond, \$1900. Surety, New England
Casualty Co. Limit, Aug. 15. Forfeit,
none. Plans and specifications filed

(219) NO. 953 DUPONT W line, bet
Washington and Jackson. Altera-
tions and additions to add a three-
story to brick and frame building.
Owner.....Lum Sai Hoo Tong (corp)
Premises.
Architect...W. H. Crim Jr., 425
Kearny, San Francisco.
Contractor...Thos. Elam & Son, 180
Jessie, San Francisco.
Filed Jan. 23, '14. Dated Jan. 22, '14.
Roof on & building enclosed, \$941.25
Plastering, marble and tile
work done 941.25
Completed and accepted..... 941.25
Usual 35 days..... 941.25
TOTAL COST, \$3765.00
Bond, \$1883. Surety, Pacific Coast
Casualty Co. Limit, 50 days. Forfeit,
\$5 Plans and specifications filed.

(220) N GREEN 116-1/2 W Jones W
47xN 120. Plumbing, sewerage and
gas fitting, hot water heating,
vacuum cleaning pipe, etc., for two-
story basement and attic frame resi-
dence.

Owner.....John McGaw, Mills Bldg.,
San Francisco.
Architect...Oscar Haupt, Phelan Bldg
San Francisco
Contractor...Hill Bros. Company.
Filed Jan. 23, '14. Dated Jan. 10, '14.
Rough plumbing in.....\$666
Completed and accepted..... 666
Usual 35 days..... 444
TOTAL COST, \$1776
Bond, \$900. Surety, Massachusetts
Bonding & Insurance Co. Limit, with-
out delay. Forfeit, none. Plans and
specifications filed.

(221) CARPENTER, ETC., ON ABOVE
Contractor...Marcus Marcussen, 19 De-
visadero, San Francisco.
Filed Jan. 23, '14. Dated Jan. 10, '14.
Frame up, roof ready for
gravel\$1800
Enclosed rough floors in place,
exterior and interior ready for
plaster 1800
Doors and windows hung..... 2800
Completed and accepted..... 938
Usual 35 days..... 2446
TOTAL COST, \$9784
Bond, none. Limit, 120 days. Forfeit,
none. Plans and specifications filed.

(222) NO. 1402 CHURCH New front,
bay windows, divide flats and add
baths.
Owner.....N. Barone, Premises.
Architect...None.
Contractor...Johnson & Haland, 1513
Church, San Francisco.
COST, \$1000

(223) NO. 75 BOYCE. Concrete floor,
repair steps and sidewalk.
Owner.....Christian and Chas. Reuss,
3111 Geary, San Francisco.
Architect...None.
Contractor...Geo. Schmit, 77 Blake,
San Francisco.
COST, \$400

(224) S GREENWICH 70 W Larkin.
Two-story and basement frame (2)
flats.
Owner.....Rousseau Realty Co., 441
Monadnock Bldg., S. F.
Architect...Rousseau & Rousseau, 441
Monadnock Bldg., S. F.
Day's work. COST, \$5000

(225) W FIFTEENTH AVE 125 N Cali-
fornia. Two-story and basement
frame dwelling.
Owner.....F. Nelson, 33 Presidio Ter-
race, San Francisco.
Architect...None.
Day's work. COST, \$2500

(226) W FIFTEENTH AVE 150 N Cali-
fornia. Two-story and basement
frame dwelling.
Owner.....F. Nelson, 33 Presidio Ter-
race, San Francisco.
Architect...None.
Day's work. COST, \$2500

(227) NO. 317 KEARNY. Alter front.
Owner.....L. Saltz.
Architect...None.
Contractor...Ben Malsler, 777 Ellis,
San Francisco
COST, \$500

(228) S POST 195 W Larkin. Four-
story and basement concrete (27)
apartments.
Owner.....J. B. Relie, 110 Jessie,
San Francisco

Architect...Rousseau & Rousseau, 441
Monadnock Bldg., S. F.
Day's work. COST, \$32,750

(229) EXPOSITION SITE. Clay and
plaster models (except models for
sculpture as noted) and cast all
ornamental plaster and stoff work
ready for installment, reinforcement
and furring (of wood) for Fine Arts
Building.

Owner.....Panama-Pacific Interna-
tional Exposition Co., by J.
D. Hannah, 507 Williams
Bldg., San Francisco.
Plans and specifications by R. B. May-
beck, Lick Bldg., S. F.
Sub-Contractor...John P. Woods, 713
Castro, San Francisco.
Filed Jan. 24, '14. Dated Jan. 12, '14.
On 1st and 15th of each month as
work progresses 75%
Usual 35 days..... 25%
TOTAL COST, \$72,000
Bond, limit, forfeit, none. Plans and
specifications, none.

(230) NE NINTH 250 SE Harrison SE
25xNE 100 100 V 235. All work for
three-story and basement frame
building (10 2-room apartments and
one store).
Owner.....R. H. Morgan, 2059 Uni-
versity Ave. Berkeley
Architect...Chas. J. Rousseau, 46
Kearny, San Francisco.

Contractor...J. A. Hill, 899 Hayes, S. F.
Filed Jan. 24, '14. Dated Jan. 20, '14
Roof on and enclosed.\$2666.25
Brown coated 2666.25
Completed and accepted..... 2666.25
Usual 35 days..... 2666.25
TOTAL COST, \$10,665.00
Bond, \$5337.50. Surety, Pacific Coast
Casualty Co. Limit, 90 days from re-
cording. Forfeit, none. Plans and
specifications filed.

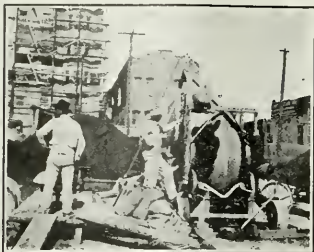
(231) NO. 647 NINTH AVE. Alter
dwelling into two flats.
Owner.....S. Weinstein, 45 Kearny.
Architect...Jos. Cafen, 45 Kearny,
San Francisco.
Day's work. COST, \$2000

(232) GOLDEN GATE PARK. Steam
heating and oil burning system com-
plete with oil tank for Museum Bldg.
Owner.....California Academy of
Sciences.
Architect...Lewis P. Hobart, Crocker
Bldg., San Francisco.
Contractor...Scott Co.
Filed Jan. 24, '14. Dated Jan. 15, '14.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$3150
Bond, \$1575. Surety, National Surety
Co. Limit, August 15, 1914. Forfeit,
\$25. Plans and specifications filed.

INCORPORATIONS.

National Signal Co. Capital Stock,
\$25,000; subscribed, \$1260; shares, \$1
each. Directors—P. S. Sanborn, W. A.
Hesse, 500 shares each; S. C. Simmons,
250 shares; C. E. Twisselman and H.
L. Sanborn, 5 shares each. Place of
business, San Francisco.
California Pipe-roofing and Home-
building Co. Capital Stock, \$50,000;
subscribed, \$1500; shares, \$1 each. Di-
rectors, W. F. Barnes, W. M. Hall, H.
C. Norton, C. W. Burks, J. P. Fallon,
and J. B. Daniels, 1 share each. Place

Get It From Bacon



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EDWARD R. BACON CO.
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Edward R. Bacon is positively not connected with any other firm.

et al, 100 shares each. Place of business, San Francisco.

Golden West Meat Co. Capital Stock, \$60,000; subscribed, \$600; shares 100 each. Directors—L. M. Oils, T. A. Keogh, A. C. Duerr, G. T. O'Flanagan. Place of business, San Francisco.

Safety Devices Co. Capital Stock, \$250,000; subscribed, \$10; shares, \$1 each. Directors—H. R. Stovel, R. W. Neal, L. V. Bentley, H. L. A. Bates, J. F. Storey, 10 shares each. Place of business, San Francisco.

Breghausen Murley Co. Capital Stock, \$20,000; subscribed, \$200; shares, \$100 each. Directors—J. H. Berg-hausen, A. G. Kruss, R. J. Murley, 1 share each. Place of business, San Francisco.

Waps-Thalman Co. Capital Stock, \$250,000; subscribed, \$500; shares, \$100 each. Directors—V. Waps-Thalman, C. Neuse, L. G. Zwicker, J. S. Arnot and C. Spring, 1 share each. Place of business, San Francisco.

The Manufacturers Library of San Francisco: Capital Stock, \$25,000; subscribed, \$300; shares, \$100 each. Directors—G. W. Fishback, C. Connan, N. Schulowitz, 1 share each. Place of business, San Francisco.

Purity Dry Milk Co. Capital Stock, \$1,000,000; subscribed, \$7; shares \$1 each. Directors—A. S. Wiester, L. L. King, J. Roeh, P. F. Fratesco, L. B. Walrond, W. D. O'Donnell and R. M. Fratesco, 1 share each. Place of business, San Francisco.

Pockman & Co. Capital Stock, \$100,000; subscribed, \$50; shares, \$10 each. Directors—A. A. Rosenshine, W. P. Johnson, J. K. Johnson, L. T. Pockman,

A. Rosenshine, 1 share each. Place of business, San Francisco.

Fletcher and Nedom Co. Capital Stock, \$10,000; subscribed, \$30; shares, \$10 each. Directors—J. H. Fletcher, C. L. Nedom, A. F. Devereaux, 1 share each. Place of business, San Francisco.

Henry Thine & Co. Capital Stock, \$10,000; subscribed, \$500; shares, \$100 each. Directors—H. Rime, H. W. Rode, S. Brizzolario, A. J. Wiener, W. B. Waterman, 1 share each. Place of business, San Francisco.

M. Sheehan Investment Co. Capital Stock, \$60,000; subscribed, \$60,000; shares, \$10 each. Directors—J. H. Sheehan, E. F. Delmas, C. E. Een Eyck, 2000 shares each. Place of business, San Francisco.

NOTICE OF NON-RESPONSIBILITY.

Jan. 19, 1914—LOT 43 ELK 25; Lot 43 BIK 5; Lot 39 BIK 5, Crocker Amazon Tract. Crocker Estate Co as to improvements on leased property.

Jan. 23, 1914—S SIXTEENTH 233-6 E Dolores E 65xS 110. Geo C Sargent, Wm S and Elizabeth S Montgomery as to improvements on leased property.

Jan. 21, 1914—W KEARNY 52-6 N Bush N 23-6xW 47-5. E L Goldstein Co as to improvements on leased property.

Jan. 21, 1914—S LIBERTY 375 (1875) E Castro E 25xS 114. P F Reilly as to improvements or leased property.

Jan. 21, 1914—SW VAN NESS AVE and Ellis. Teresa Bal as to improvements on leased property.

Jan. 19, 1914—SW BRODERICK AND Tonquin W 100xS 62-6. Charlotte J Hoffmann and as extrs Estate Mattheus Hoffmann, deed as to improvements on leased property.

Jan. 20, 1914—N CALIFORNIA 25 W 26th Ave W 20xN 160. Jacob Weissbein as to improvements or leased property.

ASSIGNMENT OF LIEN.

Jan. 22, 1914—SE PINE & POWELL N Geary 112-6 W Jones W 25xN 137-6. B C Van Emon to B C Van Emon Elevators, Inc.

COMPLETION NOTICES

San Francisco.

Jan. 9, 1914—W EIGHTEENTH AVE 100 N Fulton W 120xN 25. Harriet H and H H Somers to E Ellingson & O K Holt.

Jan. 15, 1914—S GEARY 76 W Larkin W 44x120. P J Gartland to Fred Miller.

Jan. 17, 1914—N PINE 142-6 E Leavenworth 37-6x137-6. Frederick F Heine to Louis Lee.

Jan. 19, 1914—W NOE 155 S 30th 30x 70. Annie E and Alfred R Nagel to Jacob Nelson.

Jan. 19, 1914—E MASON 53-6 S Broadway S 30 E 68-9 N 30 W 68-6 Antonio Conti to A De Benedetti and G Cuneo.

Jan. 19, 1914—SW FOURTH 55 NW Folsom NW 25xSW 80. Isidore Rudee to John Spargo.

Jan. 19, 1914—SW FILLMORE AND Greenwich S 24xW 100. Blucher Ethel Co, Inc to W Horstmyer Co.

Jan. 17, 1914—S ROSE AVE 110 E Gough E 27-6 S to NW Market SW to a pt caused by the intersection of a line at P a to Rose Ave at a pt of beg with NW Market N to S Rose Ave. Bruce Cornwall to John G. Sultan Co.

Jan. 19, 1914—E COLE 125 N Fell N 25x E 106. John P Horgan to Ira W Cohn, Inc.

Jan. 19, 1914—SE MORSE 30 SW Newton 39x75. John Bjorkman to whom it may concern.

Jan. 19, 1914—SW MARKET AND Stewart S 67-4xW 45-10. John C Meyer and W H Rehrstedt to J Wenderlin.

Jan. 20, 1914—S CLEMENT 82-6 W 23rd Ave W 25xS 100. Frederick Kruse to Thos Hamill.

Jan. 20, 1914—S WASHINGTON 206-3 W Laurel S 127-8xW 30. Ida J Moody to H H Larsen & Bro.

Jan. 20, 1914—N UNION 113-6 W Leavenworth W 24xN 77-6. Minnie C Aguilar to V M Trace.

Jan. 20, 1914—N GOLDEN GATE AV 34-6 E Hyde E 48xN 65-9. Pauline Weiss et al to Ward & Goodwin.

Jan. 20, 1914—EXPOSITION SITE. Panama-Pacific International Exposition Co to Flinn Treacy, Jan 12; Healy-Thibaults Constr Co.

Jan. 21, 1914—S LIBERTY 272-6 E Dolores E 25x114. Maggie L Allred to C S Allred.

Jan. 21, 1914—W TWENTY-NINTH Ave 50 S California W 95xS 25. Ellen Kidder St. Clair to C H

Bessett..... Jan. 7, 1914
 Jan. 21, 1914—S PACIFIC AVE 66-9
 W Presidio Ave W 52xS 41-8 1/4.
 Robert C Porter to William Martin
 Jan. 9, 1914
 Jan. 22, 1914—E THIRTY-SEVENTH
 Ave 125 N Irving (1) N 25x E 120.
 Anna Bellanca to whom it may
 concern..... Jan. 20, 1914
 Jan. 22, 1914—S CLAY 50 E Mont-
 gomery E 30xS 59-6. The Bank of
 Italy to Lange & Bergstrom.....
 Jan. 19, 1914
 Jan. 22, 1914—S CALIFORNIA 32-6
 E 24th Ave E 50xS 75. John Gray
 to Thos Hamill..... Jan. 21, 1914
 Jan. 22, 1914—N GREEN 192-3 1/2 W
 Jones W 45xN 120. The Geo A
 Bos Co to W A Goerick.....
 Jan. 20, 1914
 Jan. 22, 1914—EXPOSITION SITE.
 Panama-Pacific International Ex-
 position Co to Sunset Constr Co.....
 Jan. 20, 1914
 Jan. 22, 1914—W TRINITY 65-9 N
 Sutter W et al to W Trinity 61-3 1/2
 N 34-4 1/2 E 61-3 1/2 S 34-1 1/2. French
 American Bank of Svcs (P J
 Walker, Agent) to Ralston Iron
 Works, Inc..... Jan. 13, 1914
 Jan. 22, 1914—W CUIVER 323 N Bos-
 worth N 25xW 100. F Munson or
 Monson to whom it may concern.....
 Jan. 22, 1914

LIENS FILED

San Francisco.

Jan. 17, 1914—W FOURTEENTH AV
 100 N Geary N 50xW 121-6. Eureka
 Sash, Door & Moulding Mills Co.
 #892.22; Jas H Hardy, Inc, #159.92;
 James H Hardy, #1466.22 vs R F
 Beamer and L Helper.....
 Jan. 17, 1914—LOT 16 Bldg "C" Mis-
 sion Terrace. The Greater City
 Lumber Co vs Mission Terrace Co
 and Vernon M Trace..... #437.25
 Jan. 17, 1914—S UNION 114-10 E
 Grant Ave E 22-6xS 65-9. A Sasso
 and L Dioguardi vs A Quaranta.....
 #197.40
 Jan. 17, 1914—LOT 1 BLK 329 South
 S S F Hld and R R Ass'n. Jas H
 Hardy, #381.45; Jas H Hardy, Inc,
 #16.51 vs Thos R and Mary Smith,
 James Tarbett and Fred Knott.....
 Jan. 19, 1914—W FOURTEENTH AV
 100 N Geary N 50xW 127-6. J E
 Brennan vs R F Beamer and Louis
 Helper..... #28
 Jan. 19, 1914—NE TWENTY-SECOND
 and Dolores E 37-6xN 94. George
 W Peek vs Charles Lindemann &
 Alexander O Brown..... #34.81
 Jan. 19, 1914—SE POWELL AND
 Pine S 60xE 68-6. George H Stof-
 fels vs J H Bohlig..... #3965.95
 Jan. 19, 1914—N GEARY 138 E Van
 Ness Ave E 26xN 102. The Par-
 affine Paint Co, #105; Olson-Ja-
 mahoney Lumber Co, #1117.26 vs M
 W Finlayson, Jas P Sweeney and
 H H Sattler.....
 Jan. 20, 1914—W FOURTEENTH AVE
 100 N Geary N 50xW 127-6. W P
 Fuller & Co vs R F Beamer and
 C M Cook..... #92
 Jan. 21, 1914—W FOURTEENTH AVE
 100 N Geary N 50xW 127-6. W F
 Forter Inc vs R F Beamer..... #130
 Jan. 22, 1914—S POST 127-6 W Ma-
 son W 68-9xS 137-6. Conrad Men-
 zer & Conrad Menzer, Co-partners
 as C Menzer & C Menzer vs Flor-
 ence A and R S Browne..... #361

Jan. 22, 1914—W FOURTEENTH AV
 100 N Geary N 50xW 127-6. Robert
 Balzke vs R F Beamer, Geo W
 Tarry and Cook, La Motte Co, Inc
 #209.58
 Jan. 22, 1914—SE JONES & JACKSON
 53-1x137-6. No. 1456 Jones. Leo H
 Peterson vs Elnelene Hulett and
 Callaghan Est Co..... #43.50

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE—1 1/2 story and base,
 frame, \$7,500. Berkeley, Alameda Co.,
 Cal. Architect, none. Owners, Patrick
 Nelson Co., 2011 Shattuck avenue, Ber-
 keley. The dwelling has been designed
 for a six-room house with bath and
 sleeping porch. Interior finish will be
 of pine and redwood with some oak
 floors. There will be furnace heat and
 an open fire place. Mantel will be of
 brick. Bath room will have tile wains-
 cot and composition floor. An auto-
 matic water heater will be installed.
 Exterior of the dwelling will be cov-
 ered with cement plaster on metal lath.
 Plans are complete and the work will
 be done by Day Labor. Materials are
 now being purchased.

RESIDENCE — 2 story and base,
 frame, \$3,600. Oakland, Cal. Archi-
 tect, Claude Barton, Security Bank
 Bldg., Oakland. Owners Newman and
 Wilkinson. The dwelling will be erect-
 ed in Claremont Tract, and will con-
 tain seven rooms, bath and sleeping
 porch. Pine and redwood finish and
 hardwood floors will be used in the
 principal rooms. There will be fur-
 nace heat and open fire places. Man-
 tels will be of tile and brick. An au-
 tomatic water heater will be installed.
 Bath room will have composition floor
 and tile wainscot. Exterior of the
 dwelling will be covered with cement
 plaster on metal lath. Plans are com-
 plete and figures are being taken.

RESIDENCE — 2 story and base,
 frame, \$4,500. Piedmont, Alameda Co.,
 Cal. Architect, Charles W. McCall.
 Central Bank Bldg., Oakland. Owner,
 Dr. Shannon. The dwelling has been
 designed for a seven-room house and
 will be erected in the Piedmont Tract.
 Interior will be finished in pine and
 hardwoods. Oak floors will be used
 in the living room, dining room and
 reception hall. There will be furnace
 heat and open fire places. Mantels will
 be of brick and tile. Bath room will
 have tile wainscot and composition
 floor. An automatic water heater will
 be installed. Exterior of the dwelling
 will be covered with cement plaster
 on metal lath. Plans are being pre-
 pared.

RESIDENCE — 2 story and base,
 frame, \$7,000. Oakland Cal. Archi-
 tect, Alvin Stern, 1523 Broadway, Oak-
 land. Owner, Roger Col. This house
 will be erected at the southeast cor-
 ner of Lennox and Monterito streets,
 and has been designed to contain eight
 rooms, baths and sleeping porch. In-
 terior finish will be of pine and hard-
 wood. Oak floors will be used in the
 principal rooms. Plans provide for
 furnace heat and open fire places. Man-
 tels will be of tile and brick. An au-
 tomatic water heater will be installed.
 Bath rooms will have tile floors and
 wainscot. Exterior of the dwelling
 will be covered with cement plaster on
 metal lath. Plans are being prepared.

APARTMENT HOUSE—2 story and
 base, frame, \$10,000. Oakland, Cal. Ar-
 chitects, Hutchinson Bros., 470 13th
 street, Oakland. Owner's name with-
 held. The building will be erected on
 31st street near San Pablo avenue, and
 will be arranged for suites of two and
 three rooms. All apartments will have
 private bath rooms and wall beds. In-
 terior finish will be of pine and red-
 wood. Bath rooms will have composi-
 tion floors and tile wainscot. Entrance
 will be finished in tile and marble. Gas
 grates and tile mantels will be used.
 Exterior of the house will be covered
 with rustic and shingle. Plans are now
 being completed.

JAIL PLUMBING—Cost not stated.
 Oakland, Cal. Architects, Palmer &
 Hornbostel, New York and City Hall
 Bldg., Oakland. Owners, City of Oak-
 land. All bids received sometime ago
 for the furnishing and installing of
 special jail plumbing were rejected and
 new figures are being called. Bids
 will be opened on January 29th. Plans
 and specifications can be secured from
 the architects.

HOTEL—7 story and base, reinforced
 concrete, \$110,000. Oakland, Cal. Ar-
 chitect, C. W. Hickey, Central Bank
 Bldg., Oakland. Owner, Frank Bilger.
 The building will be erected on the
 north side of 16th street, between San
 Pablo and Telegraph avenues. Con-
 struction will be practically fireproof.
 Interior finish will be of pine and hard-
 woods. There will be in the neigh-
 borhood of 150 guest rooms, nearly all
 having private bath. There will be a
 large lobby and office. Plans provide
 for steam heat elevator service, wall
 beds, vacuum cleaning and a hot water
 system. Metal window sash and frames
 will be used. Ornamental plaster,
 marble and tile will be used in the en-
 trance and lobby. Exterior of the
 building will be faced with cement
 plaster. Plans are being prepared.

HOTEL WORK — \$2,000. Oakland,
 Cal. Architect, Clay N. Burrell, Albany
 Bldg., Oakland. Owners Morris and
 Muller. Plans are being prepared for
 the ornamental plaster work, marble
 work, light fixtures, mantels and wall
 paper in the lobby and lounge rooms
 of the seven-story hotel building being
 erected at the corner of 14th and Jeffer-
 son streets. Owners will take fig-
 ures.

ALAMEDA COUNTY BUILDING REC- ORD.

The building record for 1913 for the
 cities on the east side of the Bay
 shows a substantial gain over the
 year 1912. The figures are given be-
 low month by month for each city:

Oakland.	
January	\$ 608,822.25
February	596,264.00
March	571,022.30
April	635,176.20
May	1,282,345.60
June	577,517.00
July	560,588.25
August	1,080,960.10
September	456,124.00
October	777,387.45
November	414,236.25
December	1,099,621.70
Total	\$3,106,191.40

Berkeley.	
January	\$ 119,800
February	162,000

March	331,850
April	236,900
May	180,800
June	201,800
July	133,000
August	123,750
September	144,000
October	158,050
November	205,500
December	233,250

Total .. \$2,236,700

January	\$100,130
February	80,141
March	58,176
April	54,797
May	64,517
June	62,232
July	37,635
August	34,187
September	52,068
October	33,972
November	36,835
December	30,220

Total .. \$645,800

As the city of Richmond is so close by it might be well to add these also.

From January to June, 1913, the figures reached \$451,507 and for the last six months of the year building operations amounted to \$233,518 making a total of \$733,325, and a healthy gain over 1912.

Bids Opened For Park Improvements.

Oakland Park Commissioners Open Bids For Tool House and Comfort Station Addition.

Bids opened by the Oakland Park Commissioners for addition to the comfort station and for the construction of a tool house follow:

Addition to Comfort Station.

W. G. Thornally	\$792
Cederborg & Anderson	800
Alfred J. Hopper	672
Thomas F. Dowd	727
Christensen Bros.	825
John R. Faulkes	754
Tieslau Bros.	788

Construction of Tool House.

W. G. Thornally	\$1,091
Cederborg & Anderson	985
Alfred J. Hopper	966
Thomas F. Dowd	912
A. E. Fake	950
Christensen Bros.	1,019
John R. Faulkes	986
Tieslau Bros.	961

Building Contracts Awarded

Oakland.

No.	Owner	Contractor	Amt.
111	Aldridge	Aldridge	100
112	Lynch	Gallagher	600
113	Schroeder	Schroeder	1000
114	Same	Same	1000
115	Vaughan	Vaughan	400
116	DeLuchi	Bregante	500
117	Kelley	Kelley	1200
118	Coleman	Schlomer	400
119	Gompertz	Reichel	700
121	Christensen	Texdahl	2600
122	Wallace	Neal	7294
123	Oakland	M. Kibben	449
124	Peterson	Peterson	1700
126	Nunes	Nunes	2500
127	Cunlia	Vat	4000
128	Streit	Lass	6838

129	Same	Anderson	6150
130	Same	Anderson	30045
131	Grafts	Grafts	2000
132	Kear	Corbett	1000
133	Morton	Schneely	2400
134	Jurgens	McCarthy	500
135	Brown	Brown	2200
136	Brugulere	Coffin	1023
137	Powell	Bacus	3741
138	Morgensen	Morgensen	1800
140	Christensen	Owner	400
141	McLaughlin	Anderson	4826
142	Diehl	Kulchar	506
143	Baily	Baily	1800
144	Harris	Hudson	1000
146	Mendell	Vaughn	1208
147	Piersoll	Wiser	2000
148	Costa	Silva	1620
149	Graham	Monson	7948

(111) NO. 2417 TWELFTH AVE., Oakland. Alterations and additions. Owner.....Geo. Aldridge, Premises. Architect.....None. Day's work. COST, \$100

(112) NO. 1489 SEVENTH, Oakland. Alterations. Owner.....Capt. F. Lynch, Premises. Architect.....None. Contractor.....J. P. Gallagher, 619 61st, Oakland. COST, \$600

(113) NO. 721 SIXTEENTH, Oakland. Alterations. Owner.....W. E. Schroeder, 2341 Valley, Oakland. Architect.....None. Day's work. COST, \$1000

(114) NO. 2341 VALLEY, Oakland. Alterations. Owner.....W. E. Schroeder, 2341 Valley, Oakland. Architect.....None. Day's work. COST, \$1000

(115) NO. 1124 HAMPEL, Oakland. Alterations. Owner.....John Vaughn, n, Premises. Architect.....None. Day's work. COST, \$100

(116) NO. 5816 VALLEJO, Oakland. Addition. Owner.....Celestina Deluchi, Prem. Architect.....None. Contractor.....D. Bregante, Premises. COST, \$390

(117) E GROVE 30 N 40th, Oakland. One-story stores. Owner.....W. M. Kelley, Apgar and Market, Oakland. Architect.....None. Day's work. COST, \$1200

(118) NO. 1503 OAK, Oakland. Addition. Owner.....Mrs. Frances Coleman, Premises. Architect.....None. Contractor.....Herman Schlomer, 1114 Kirkham, Oakland. COST, \$400

(119) EDITH & McADAM, Oakland. Two-story 8-room dwelling. Owner.....C. W. Gompertz, 503 Market, San Francisco. Architect.....Albert Farr, 68 Post St. S. F. Contractor.....Paul Reichel, Claremont Manor, Oakland. COST \$7000

(121) E MIRA VISTA AVE 240 N Bonham Way E 47.95 NE 78.45 SW 65.18 SW 39.22, Oakland. All work for two-story dwelling.

Owner.....Jessie A. Christensen, Okd Architect.....A. W. Smith, 1010 Broadway, Oakland.

Contractor.....C. Texdahl, 2035 Harper, Berkeley.

Filed Jan. 19, '14. Dated Jan. 17, '14. Frame up ¼ Plastering completed & accepted ¼ Completed and accepted ¼ Usual 35 days. TOTAL COST, \$3600

Bond, none. Limit, April 15, '15. Forfeit, \$2. Plans and specifications filed.

(122) LOT 60 PARK VIEW TRACT No. 2 on Hagar Ave., Piedmont. All work for two-story and basement dwelling and garage.

Owner.....George Wallace, S. F. Architect.....Joseph T. Carter, Balboa Bldg., San Francisco.

Contractor.....Joseph Neal, Balboa Bldg., San Francisco.

Filed Jan. 19, '14. Dated Jan. 19, '14. Semi-monthly payments of... 75% Usual 35 days.....\$1832.50 TOTAL COST, \$7294.00

Bond, \$3650. Sureties, Seth Walker and W. F. Porter. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(123) FOURTEENTH AND WASHINGTON, Oakland. Curb, paving and sidewalk.

Owner.....City of Oakland. Architect.....None.

Contractor.....McKibben & Taylor, 2125 Shattuck Ave. Berkeley COST, \$4495

(124) SE FIFTY-FIRST & IGNACIO, Oakland. One-story 5-room dwlg. Owner.....T. S. Petersen, 2035 Parker, Oakland

Architect.....None. Day's work. COST, \$1700

(126) S KIETH AVE 109 W McMillan, Oakland. Two-story 5-room dwlg.

Owner.....Geo. W. Nunes, 3616 West, Oakland.

Architect.....None. Day's work. COST, \$2500

(127) NO. 952 EIGHTH, Oakland. Addition.

Owner.....Cunlia & Carogno, Premises Architect.....None.

Contractor.....Wm. Vat, 433 37th, Okd. COST, \$1000

(128) NE ELEVENTH & FRANKLIN E 100XN 37-6, Oakland. Plumbing and gas fitting for six-story and basement steel and brick hotel.

Owner.....Mrs. Barbara Streit, Okd. Architect.....Wm. Wilde, Albany Block, Oakland.

Contractor.....H. F. Lass, 1915 48th Ave., Oakland.

Filed Jan. 19, '14. Dated Jan. 15, '14.

1st of each month..... 75% Usual 35 days..... 25%

TOTAL COST, \$6838

Bond, \$2500. Surety, Southwestern Surety Insurance Co. Limit, \$5 days

Forfeit, \$20. Plans and specifications filed.

(129) REINFORCED BRICK WORK on above.

Contractor.....E. Anderson, San Leandro. Filed Jan. 19, '14. Dated Jan. 15, '14.

Payments same as above..... TOTAL COST, \$6150

Bond, \$3300. Surety, Southwestern Surety Insurance Co. Limit, 22 days. Forfeit, \$20. Plans and specifications filed.

(130) SHEET METAL WORK, ROOFING, lathing and plastering, glass and glazing, carpenter work, electric work, marble, tile, composition floors, fire escapes and grill work, sidewalk doors, lights and basement floors, etc., on above.

Contractor, E. Anderson, San Leandro. Filed Jan. 19, '14. Dated Jan. 15, '14.

Payments same as above.

TOTAL COST, \$30,445

Bond, \$15,100. Surety, Southwestern Surety Insurance Co. Limit, 110 days. Forfeit, \$40. Plans and specifications filed.

(131) S WALNUT AVE 200 W Lila, Oakland. One-story 6-room dwlg. Owner, T. T. Griffiths, 56 Lafayette, San Francisco.

Architect, None. Day's work. COST, \$2000

(132) NO. 470 TWELFTH, Oakland. Alterations.

Owner, Harry Kear, Premises. Architect, None. Contractor, Corbett & Bayless, 1110 Franklin, Oakland.

COST, \$1000

(133) FOURTEENTH AND BROADWAY, Oakland. Alterations.

Owner, H. Morton, Premises. Architect, None. Contractor, Schnebly, Hostrower & Pedgrift, 6th and Jackson, Oakland.

COST, \$2400

(134) NOS. 1619-23 SAN PABLO AVE., Oakland. Alterations.

Owner, Chas Jurgens 904 Adeline, Oakland. Architect, None. Contractor, Wm. McCarty 1922 Telegraph Ave., Oakland.

COST, \$500

(135) W THIRTY-FIFTH AVE 35 S Harper, Oakland. One story five-room dwelling.

Owner, W. C. Brown, 1624 64th Ave., Oakland. Architect, None. Day's work. COST, \$2200

(136) NW TWELFTH AND GROVE 50 1112, Oakland. Electric work for 6-story and basement steel frame apartment house.

Owner, The Bruguere Co., 133 Geary, San Francisco. Architect, Chas. W. McCall, Central Bank Bldg., Oakland.

Contractor, E. M. Coffin, Oakland. Filed Jan. 21, '14. Dated Jan. 14, '14. 1st 3 stories roughed in. \$250. Entire building roughed in. 253. Completed and accepted. 260. Usual 35 days. 260.

TOTAL COST, \$1023

Bond, limit, forfeit, none. Plans and specifications filed.

(137) NE THIRTEENTH AND WEBSTER E 100XN 50, Oakland. Work necessary to complete first story of seven-story brick and steel hotel

Owner, H. A. Powell, Oakland. Architect, F. D. Vorhees, Central Bk. Bldg., Oakland. Contractor, Baeus & Kennedy, 520 Oakland Ave., Oakland.

Filed Jan. 20, '14. Dated Jan. 17, '14. 1st of each month. 75%. Usual 35 days. 25%. TOTAL COST, \$3741

Bond, \$1871. Surety, Southwestern Surety Insurance Co. Limit, 16 days. Forfeit, \$25. Plans and specifications filed.

(138) S ARLINGTON 117 W Los Angeles, Oakland. One-story 5-room dwelling.

Owner, Morgensen Bros., 554 63rd, Oakland. Architect, None. Day's work. COST, \$1800

(140) NO. 3831 BRIGHTON AVE., Oakland. Alterations.

Owner, J. P. Christensen, Prem. Architect, None. Day's work. COST, \$400

(141) S LAKE VIEW, bet Sheridan & Sea View, Piedmont. Two-story residence.

Owner, Geo. McLaughlin, Core Oakland Bank of Svgs. Bldg., Oakland. Architect, None.

Contractor, Anderson & Larsen, 2240 E-17th, Oakland. COST, \$1826

(142) NO. 469 FOURTEENTH, Oakland. Alterations.

Owner, Diehl's, Premises. Architect, None. Contractor, S. Kulchar, 518 4th, Okd.

COST, \$500

(143) W FORTY-SEVENTH AVE 35 S Melrose Ave., Oakland. Two-story 5-room dwelling.

Owner, H. A. Bally, 2019 45th Ave., Oakland. Architect, None. Day's work. COST, \$1800

(144) N SCENIC AVE 150 W Laguna, Oakland. One-story 4-room dwelling.

Owner, Harris & Hulson, 1957 E-38th, Oakland. Architect, None. Day's work. COST, \$1000

(146) NW LYDIA AND CURTIS, Oakland. All work for one-story store building.

Owner, John M. Mendell, Oakland. Architect, None. Contractor, M. C. Vaughn, 5833 Ayala, Oakland.

Filed Jan. 23, '14. Dated Jan. 21, '14. Frame up and roof on. \$402.83. Completed and accepted. 402.83. Usual 35 days. 402.84. TOTAL COST, \$1208.59

Bond, \$604.25. Surety, Maryland Casualty Co. Limit, 35 days. Forfeit, none. Plans and specifications filed.

(147) W BELVEDERE 46 S Trask, Oakland. One-story 5-room dwlg.

Owner, Mrs. Mary L. Piersoll, Oakland. Architect, None.

Contractor, Gordon Wiser, Oakland. COST, \$2000

(148) W PARK 30 S E-Eighth, Oakland. One-story six-room dwelling.

Owner, Mrs. Maria Costa, 525 Lancaster, Oakland. Architect, None. Contractor, Silva & Luzane, 2869 Ford and 2516 Poplar, Oakland.

COST, \$1620

(149) BLOCK 46 BDED ON N by Wells Ave. E by Sycamore, S by Bane Ave and W by Grove, Newark. All work for one-story brick warehouse.

Owner, James Graham Mfg. Co., 531 Mission, San Francisco. Architect, None.

Contractor, Monson Bros., 1907 Bryant, San Francisco.

Filed Jan. 23, '14. Dated Jan. 19, '14.

Brick work completed to level 1st floor joists. \$2500. Completed. 3461. Usual 35 days. 1937.

TOTAL COST, \$7948

Bond, \$3971. Surety, Fidelity & Casualty Co. Limit, 45 days. Forfeit none. Specifications only filed.

Building Contracts Awarded Berkeley.

No.	Owner	Contractor	Am't.
109	Pallen	Fallen	2500
110	Christe	Kidder	450
120	Robinson	Warren	3660
125	Ericsen	Ericsen	1000
139	United Hm Bldrs.	Owner	1700
145	Knoll	Lewis	3643

(109) W COLUSA AVE 110 S Sonoma, Berkeley. One-story 5-room dwlg.

Owner, A. H. Pallen, 686 61st, Okd. Architect, None.

COST, \$2500

(110) NO. 1924 HASTE, Berkeley. Repairs.

Owner, John Christe, Premises. Architect, None. Contractor, Kidder & McCullough, 2075 Addison, Berkeley.

COST, \$450

(120) LOT 40 AND W 1/2 LOT 41 BLK "C" Hopkins Terrace Map No. 3, Berkeley. All work except heating for two-story dwelling.

Owner, Leslie D. Robinson, 1334A Oxford, Berkeley. Architect, James W. Placchek, 1424 Spring, Berkeley.

Contractor, C. H. Warren, 1628 Bancroft Way, Berkeley.

Filed Jan. 19, '14. Dated Jan. 5, '14.

Frame up. One-fifth. Brick work, roof, rough plumbing and rough electric wiring in. One-fifth. Rough plastering completed. One-fifth. Completed and accepted. One-fifth. Usual 35 days. One-fifth.

TOTAL COST, \$3660

Bond, none. Limit, 80 days. Forfeit \$10. Plans and specifications filed.

(125) W MASONIC AVE 525 N Gilman, Berkeley. One-story 2-room dwlg.

Owner, Carl Ericsen, 1346 Nielson Berkeley.

Architect, None.

COST, \$1000

Day's work.

(139) E LEE 251 S Ashby, Berkeley. One-story 5-room dwelling.

Owner, United Home Bldrs, 1762 Broadway, Oakland.
 Architect, None.
 Day's work COST, \$1700

(145) LOT 39 BLK 1 Berkeley Heights Berkeley. All work for two-story 6-room dwelling.
 Owner, Mrs. H. W. Knoll, 2442 Prince, Berkeley.
 Architect, None

Contractor, Iceland S. Lewis, 2421 Wadsway, Berkeley.

Filed Jan. 23, 14. Dated Jan. 19 '14.
 Frame up and roof shingled.... 1/4
 1st coat plaster on.... 1/4
 Completed and accepted.... 1/4
 Usual 35 days.... 1/4
 TOTAL COST, \$3643

Bond, \$1822. Surety, Phoenix & Deposit Co. Limit, 90 days. Forfeit note. Plans and specifications filed.

NOTICE OF NON-RESPONSIBILITY.

Jan. 21, 1914—TWELFTH NO. 479, 14th, Kahn Bros. as to improvements on leased property.

COMPLETION NOTICES

ALAMEDA COUNTY

Jan. 16, 1914—LOT 15 BLK "N" 4th Ave Terrace 43x100, Okd. Mary C Mulholland to S W Jones, Jan. 6, '14

Jan. 16, 1914—NE TWENTY-FOURTH and Webster E 100xN 55.6, Okd. Carlton V Norcross to Leo L Nichols, Dec. 12, 1913

Jan. 17, 1914—NW FIFTEENTH and Washington N 63.58 W 59.34 S 30.92 E 44.98, Okd. Charles J Heeseman to Wm J Sacans (two completions), Jan. 13, 1914

Jan. 17, 1914—NE TWENTY-FIFTH and Telegraph Ave 47-4x99, Okd. Annie M Spelman to whom it may concern, Jan. 15, 1914

Jan. 17, 1914—E BAKER 320 N Oregon, being Lot 28 Blk 4, San Pablo Park, Bkly. E L Hiteman to whom it may concern, Jan. 15, 1914

Jan. 19, 1914—NE ELEVENTH and Franklin E 100xN 37-6, Oakland. Barbara Streit to R W Darram, Jan. 15, 1914

Jan. 19, 1914—NE PIEDMONT AVE and Dwight Way E 70 N 111.50 W to Piedmont Ave S to beg. Bkly. T M Shearman to Gunnett & Chandler, Jan. 12, 1914

Jan. 20, 1914—SW 40 LOT 14 BLK "C" Map Piedmont Vista, Piedmont. Mrs Frank De Beneditti to E Lundberg and T D Courtright, Jan. 15, 1914

Jan. 21, 1914—LOT 9 MAP GEO W Austin's Shown Bk "D" Vernon Park, Oakland. Samuel Harper to Patrick Nelson Bldg Co., Jan. 20, 1914

Jan. 21, 1914—W TELEGRAPH AVE 160 S 16th S 130 NW 103.95 SW 102.44 N 130 NE 90 SE 5.72 NE 112.80 SE 74 SW 100 SE 100, Okd. Kahn Realty Co to Automatic Sprinkler Co of American, Jan. 12, 14

Jan. 22, 1914—RDEB BY 13TH, 14TH, Harrison and Alice, Okd. Oakland Hotel Co (by P J Walker Co) to J Gensler (Ele trical Constr Co), Jan. 19, 1914

Jan. 22, 1914—W 90 LOT 35 and S 16-8 of W 90 Lot 36 Bk 5 Map Fairview Park, Okd. George L Mohr to whom it may concern.

Jan. 21, 1914
 Jan. 22, 1914—E BENVENUE AVE 100 N Alcatraz Ave, being Lot 21 Bk 1, Fairview Park, Okd. E C Read to W A Fariss, Jan. 21, 1914
 Jan. 22, 1914—W WEBSTER 174 N 23rd N 261 W 103 S 259.41 E 169-6, Okd. First M E Church of Oakland to Schnelby, Hostrower & Pedgrift, Jan. 20, 1914

LIENS FILED.

ALAMEDA COUNTY.

Jan. 1, 1914—NE DWIGHT WAY & Piedmont Ave 80 m or l on each said streets, Bkly. Thomas Wilson vs T M Sherman and H D Koch, \$455.50

Jan. 1, 1914—NE DWIGHT WAY & Piedmont Ave E 70 N 111.50 W 95 S 116.6, Bkly. Wm Makin, \$892; United Materials Co, \$923.25; F A Larsen, \$22; N C Jensen, \$30; Theodore Koch, \$59.50; Louis A Weichsefelder, \$30; Berkeley Hardware Co, \$55.30, S J M Coates, \$51 vs T M Sherman and H D Koch.

Jan. 5, 1914—PTN PLOT "H" MAP Rancho Las Positas, Murry Tp. Anspacher Bros vs Herman Murphy, Henry S Bridge and L A Myers, \$549.10

Jan. 5, 1914—BOUNDED ON N BY County Road 515 S Center In Palm Ave E land Williams, W land Wright 320x990, being ptn shvbn J Rancho Las Positas, Murry Tp. Anspacher Bros vs Herman Murphy, Estate of Bridge and May E Bridge, \$238.40

Jan. 9, 1914—N EAGLE AVE 329.52 W Prospect (or 8th) W 30xN 127, Ala. Eureka Mill & Lumber Co vs Mark T Cole, W F Powell, John Doe Fiava & Mary Roe Fiava, \$24.12

Jan. 10, 1914—NE PIEDMONT AVE and Dwight Way E 70 N 111.50 W to Piedmont Ave S to pt beg. Bkly. Oakland Concrete, Terrazzo & Messale Co, \$348; J A Johnston, \$145.25; Waterhouse & Price Co, \$6.10 vs T M Sherman and H D Koch.

Jan. 12, 1914—NE PIEDMONT AVE and Dwight Way E 70 N 111.5 W to Piedmont Ave S to pt of beg. Bkly. McKibben & Taylor vs T M Sherman and H D Koch, \$222.35

Jan. 12, 1914—NE TWELFTH AVE and E-21st 75x100, Okd. N H Brown vs C J Plunkett, \$140.75

Jan. 13, 1914—NW BROADWAY AND N 26th W 153.63 N 231.20 E 199.94 S 52.13 SW 187, Okd. John G Sutton Co vs 1st Presbyterian Church of Oakland, \$59.91

Jan. 13, 1914—V CENTRAL COURT 133 N Central Ave N 53xW 70, Ala. Harry Parker vs W G Le Boyd and Chas Byrner, \$360

Jan. 14, 1914—LAND CONVEYED BY S Caldeira by deeds of Jose Pereira de Vargas Liber 890 Page 475 of Deeds and Jose Silveira Luiz and wife Liber 1005 of Deeds, Page 316, Washington Tp. Fred L Duasterherry vs Joseph Caldeira, \$196.25

Jan. 19, 1914—LOT 42 BLK "K" Map 4th Ave Terrace, Okd. National Roofing Co vs M P Graves, \$98

Jan. 21, 1914—BOUNDED ON E BY San Luis Road on W and NW and SW by Arlington and S Bk 2 Map Arlington Villa Sites, Oakland Tp. Wm Makin, \$2654, Pacific Mfg

Co, \$5179.15 vs Patrick Nelson Bldg Co and J H Spring.

SAN JOSE AND THE SANTA CLARA VALLEY.

RECORDER'S ANNUAL REPORT.

H. O. Heiner of San Mateo County Sets Record for Early Return of Papers—Office Prosperous.

The following statement made by County Recorder H O. Heiner of San Mateo County for the year 1913, while it shows a decrease in the total number of papers recorded for the year, still leaves the county a very fine profit.

One of the most interesting statements brought out by the report is that relating to the average length of time required by the Recorder to file, copy, index, compare and return papers to the patrons. In San Mateo County this process takes but four days. This is one of the best records for time in the state.

Deeds	4,724
Trust Deeds	122
Mortgages	802
Release of Mortgages (full or partial)	625
Builders' Contracts	146
Maps	19
All other documents	1,152

Number of papers recorded	7,390
Total amount of fees collected	\$10,793 30
Expended for salaries of Recorder, two deputies and five copyists	\$3,316 74

Profit to County 2,476 56
 Compared with 1912 and 1911, the year 1913 in the business of the Recorder's office shows a decrease, as follows:

No. of papers recorded	Total fees
1911	\$11,128 50
1912	\$11,833 90
1913	\$10,793 30

RESIDENCE — 2 story and base, frame and concrete, \$4,000. Monterey, Cal. Architects, Silex & Lofquist, Bankers' Investment Bldg., S. F. Owner, Juan Copper. The house will be designed for a large country home, containing in the neighborhood of twenty rooms, three baths and sleeping porches. Interior finish will be of pine and hardwood with oak floors in the principal rooms. Bath rooms will be finished in tile and will be equipped with showers. There will be a central heating system, probably hot water heat, a vacuum cleaning plant and hot water supply. Exterior of the dwelling will be faced with cement plaster. Roof will be of red clay tile. Plans are now being prepared.

RESIDENCE — 1 story and base, frame, \$2,000. San Jose, Santa Clara Co., Cal. Architect, none. Owner, V. Reinhold, Jr., 346 North 12th street, San Jose. The dwelling has been designed for a five-room house with bath. Interior finish will be of pine and redwood. Oak floors will be used in the principal rooms. There will be a large open fire place and brick mantel. Bath room and kitchen will have

tile wainscot. Exterior of the house will be covered with rustic and ship-lap. Plans are complete and the work will be done by Labor.

Building Contracts

SANTA CLARA COUNTY.

E SEVENTH, 2nd Lot S of Keyes St., San Jose. Five-room cottage.
Owner.....E. H. Kartumi. Premises.
Architect....None.
Day's work. COST, \$1760

E SPENCER AVE, 4th Lot S of Atlanta, San Jose. Five-room cottage.
Owner.....J. Hiatt. Premises.
Architect....None.
Day's work. COST, \$1660

N HUMBOLDT near Third, San Jose. All work for one-story frame bungalow.

Owner.....W. C. Ghetta, 1048 W-San Fernando St., San Jose.
Architect...L. T. Lenzon 110 S-Second St., San Jose.
Contractor..J. L. Carter, Route 6 Box 630 D, San Jose.

Filed Jan. 5, '14. Dated Dec. 30, '13.
Frame up and roof on.....\$725
Outside complete 1st coat paint.....725
Building completed.....725
Usual 35 days.....725
TOTAL COST, \$2900
Bond, \$1450. Sureties, W. E. and O. E. Schnabel. Limit, 70 days. Forfeit, none. Plans and specifications filed.

W NORTH-FIRST near George, San Jose. All work for one and one-half story frame residence.
Owner.....G. H. Anderson, Morrison and The Alameda, S. J.
Designer...A. P. Hill, Elks' Bldg., San Jose.

Contractor..C. A. Thomas, 692 San Pedro St., San Jose.
Filed Jan. 16, '14. Dated Jan. 12, '14.
Frame up.....\$2009.50
One-half interior trim in.....2009.50
When completed.....2009.50
Usual 35 days.....2009.50
TOTAL COST, \$8038.00
Bond, \$4019. Surety, W. M. Stalker. Limit, 90 days. Forfeit, none. Plans and specifications filed.

OAK HILL CEMETERY, San Jose. All work for granite mausoleum.
Owner.....L. V. Slavich, 221 W-St. James St., San Jose.

Designer...Western Granite Works.
Contractor..A. Prantavich, San Jose.
Filed Jan. 14, '14. Dated Jan. 10, '14.
10 days after commencement.....\$650
When work is 1/2 done.....350
Usual 35 days.....850
TOTAL COST, \$1850
Bond, \$900. Sureties, J. Milojevich, F. Smelch and C. Marilla. Limit, 1 year from date. Forfeit, none. Plans and specifications filed.

LOT 15 BLK 5, East San Jose Homestead, San Jose. All work for frame building.
Owner.....Trinity Church, SW Second St., San Jose.
Architect...W. C. Phillips.
Contractor..Z. C. Field, 767 S-17th St., San Jose.
Filed Jan. 6, '14. Dated Dec. 31, '13.
Foundation finished.....\$180
Frame up and enclosed.....580

Building completed.....382
Usual 35 days.....381
TOTAL COST, \$1523
Bond, \$760. Sureties, F. Gardiser and F. H. Figel. Limit, 60 days. Forfeit, none. Plans and specifications filed.

ON COE AVE, between Delmas and Bird Aves., San Jose. All work for one-story frame cottage.
Owner.....H. G. Paulsen, San Jose.
Architect....None.
Contractor..P. J. Schmid, 1222 Delmas Ave., San Jose.

Filed Jan. 7, '14. Dated Jan. 6, '14.
Frame up.....\$592
Brown plaster on.....592
House finished.....592
Usual 35 days.....592
TOTAL COST, \$2368

Bond, \$1100. Sureties, V. Seeman and W. M. Stalker. (sign). Limit, 90 days. Forfeit, none. Plans and specifications filed.

E ORCHARD near San Fernando, San Jose. Remodeling dwelling.
Owner.....Wm. Culligan, San Jose.
Architect...C. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor..Shottenhamer Bros., 143 S-16th, San Jose.

Filed Jan. 15, '14. Dated Jan. 13, '14.
Foundation laid.....\$746.25
Plastering completed.....746.25
When completed.....746.25
Usual 35 days.....746.25
TOTAL COST, \$2985.00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(Correction)

N LUMBER St. adjoining Kerr Bldg., Saratoga. To erect one-story brick and frame bank building.
Owner.....Saratoga State Bank, Saratoga, Cal.

Architect...C. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor..J. Rodoni, Saratoga, Cal.
Filed Jan. 15, '14. Dated Jan. 9, '14.
Foundation in.....\$1087.50
Brick work done, roof on.....1087.50
Work done.....1087.50
Usual 35 days.....1087.50
TOTAL COST, \$4350.00

Bond, \$2500. Sureties, R. L. Hogg and J. T. Corpstein. Limit, 80 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED AMOUNT
Jan. 2, 1914—LOT 3 BLK 16 Polhemus Tract, San Jose. E Cardon and L. Cardon to E J. Delmue. Dec. 22, 1913
Jan. 9, 1914—LOT 19 BLK 47, Palo Alto. Jno Duddield to H J Ross.
Jan. 12, 1914—FOURTEENTH ST. n Santa Clara, San Jose. N J Brown to J Kelley. Jan. 9, 1914

LIENS FILED.

SANTA CLARA COUNTY.

RECORDED AMOUNT
Jan. 14, 1914—LOTS 10, 11, 14 Nucleus Tract, San Jose. Glenwood Lumber Co vs M Teresi (J Galotti agent).....\$165.04
Jan. 16, 1914—LOTS 10, 11, 14 Nucleus

Tract, San Jose Hubbard-Carmichael Co vs M Teresi (J Galotti agent).....\$206.60

PARTIAL RELEASE OF LIEN.

SAN MATEO COUNTY.

RECORDED AMOUNT
Jan. 6, 1914—LOT 4 BLK 11 Rockaway Beach. Wm Bowen to Rockaway Beach Co.....\$15 paid

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED AMOUNT
Jan. 8, 1914—LOT 35 BLK 23, Crocker-Estate Tract, Daly City. Arthur G Duncan to L L Allen. Jan. 7, 1914
Jan. 12, 1914—LOT 5 BLK 11 Lomita Park No. 2, Lomita Park. W H Eddy to R C Stickley. Jan. 3, 1914
Jan. 14, 1914—LOT 15 BLK 1, Central Addition to San Mateo, San Mateo. J McConvey to Croop & Keegan
Jan. 14, 1914—LOTS 25, 26, 27, 28, 16, 17, 18, 19, Salada Beach. San Pedro School District to H H Smith
Jan. 16, 1914—COUNTY ROAD AND Oak Grove Ave, Burlingame. Burlingame School District to Willis L. Gott. Jan. 13, 1914

Liens Filed.

SAN MATEO COUNTY.

RECORDED AMOUNT
Jan. 22, 1914—MYRTLE AND PARK Aves, Daly City. The Greater City Lumber Co vs M Berman, Lena Berman and Samuel Saar.....\$307.10

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESIDENCE—2 story and base, frame, \$3,560. Byron, Contra Costa Co., Cal. Architect, E. B. Brown. Masonic Temple. Stockton. Owner, Mr. Kamond. The dwelling will contain seven rooms, bath and sleeping porch. Interior will be finished in pine throughout. Oak floors will be used in the principal rooms. There will be furnace heat and open fire place. Mantel will be of tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures will be taken at once.

APARTMENT HOUSE—2 story and base, brick, \$12,000. Richmond, Contra Costa Co., Cal. Architect, James T. Nabbert, Richmond. Owner, O. E. Liddell. The building will be erected at the corner of Agnew and Richmond avenues and will be arranged for two, three and four room apartments. The interior will be finished in pine and redwood. Some hardwood floors will be used. There will be steam heat and a hot water system. Bath rooms will be finished in tile wainscot and will have composition floors. Wall beds will be installed. Exterior of the building will be faced with pressed brick. Plans are now nearly complete and figures will be asked for shortly.
LODGE HALL—3 story and base.

Wybro

The Panels that are
as good as they are
famous.

White Brothers

5th and Brannan Streets

San Francisco

Be Particular--- Use Wybro Panels

Get the most for your money, even
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Particular people appreciate the su-
periority of the Wybro Panels over all
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Wybro Panels cost no more than
others, but their quality is far superior.

brick, \$50,000. Richmond, Contra Costa Co., Cal. Architect, James T. Norbett. Richmond. Owners, Richmond Eagles Hall Association. Mr. Norbett and a Building Committee are now considering several sites for a new lodge building. Two sites on Richmond avenue are said to be most favorably considered. In case either of these is selected the building will be designed with stores on the first floor and lodge rooms and offices on the upper floors, which arrangement will afford the owners an income. Further particulars of the building will be given as plans progress.

RECREATION BUILDING—Frame and concrete. Cost not stated. Napa, Napa Co., Cal. Architect, State Architect, McDougall, Sacramento. Owners, State of California. Plans for a recreation building which is to be erected at the Napa State Hospital have been completed and are now out for figures. Bids will be opened on February 24th by the State Board of Control. Plans and specifications can be secured from the State Department of Engineering. An official proposal appears in another column of this issue.

HOSPITAL ADDITION—2 story and base, reinforced concrete, \$30,000. Martinez, Contra Costa Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Contra Costa County. The building will be in the nature of a new wing to the County Infirmary, and will contain wards and private rooms. A modern operating room and equipment will also be installed. Interior finish will be of pine. Plans provide for steam heat, a hot water system and vacuum cleaning. Tile and marble will also be used. Exterior of the building will be faced with cement plaster. Plans are now being prepared and figures will be called for within a short time.

Building Contracts.

MARIN COUNTY

LOTS 5 AND 6 FAIRFAX HEIGHTS. Fairfax. All work except painting, finish hardware and lighting fixtures for two-story frame building.

Owner.....Roca Land Co (Corp), San Anselmo.

Architect...C. O. Clausen, Phelan Bldg San Francisco.

Contractor...A. F. Hanson, San Anselmo

Filed Jan. 22, '14. Dated.....

Frame up.....\$1015.50

Brown coat plaster on.....1015.50

When completed.....1015.50

Usual 35 days.....1015.50

TOTAL COST, \$4062.00

Bond, \$2031. Surety, United States Fidelity & Guaranty Co of Baltimore, Md. Limit, 60 days. Forfeit, \$—, Plans and specifications filed.

COMPLETION NOTICES.

MARIN COUNTY

RECORDED	ACCEPTED
Jan. 16, 1914—LOT 6 BLK 7, Sunny-side Tract, Mill Valley. John D Saxe to Myrl R Crane.....Jan. 15, 1914	
Jan. 16, 1914—SAN RAFAEL AND Olema Road, San Anselmo. Katherine Cahill to Wm Dwyer.....Jan. 9, '14	
Jan. 20, 1914—BUSH TRACT, San Anselmo. Joseph Dondoro to Norio Cavaglia.....Jan. 13, 1914	
Jan. 22, 1914—CULLEN PARK, San Rafael. William F Lamme to A MacDonald.....Oct. 15, 1913	
Jan. 19, 1914—BUSH TRACT ANNEX, San Anselmo. L K Reinhardt to Watson Bros.....Jan. 19, 1914	

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED	ACCEPTED
Jan. 16, 1914—RANCHO LOS ME-ganons and lands northerly and easterly thereof. Balfour-Guthrie & Co to Edward Malley.....Jan. 7, 1914	
Jan. 20, 1914—ON RANCHO SAN Ramon Tract near Walnut Creek. A Rudgear to Neil Harrison.....	
.....Jan. 17, 1914	
Jan. 20, 1914—LOT 11 BLK 5 Rich-mond Villa Tract. Hoyt & Greene, Inc to C D Knoly.....Jan. 14, 1914	
Jan. 20, 1914—LOTS 9 AND 20 BLK "E" Nicholl Subvn. Hoyt & Greene Inc to T S Handley.....Jan. 17, 1914	

LIENS RELEASED.

CONTRA COSTA COUNTY.

RECORDED	AMOUNT
Jan. 14, 1914—LOT 48 BLK 7 Walls Harbor Center Tract. F P Allen to Harbor Center Land Co. J C Van and L P Anderson.....\$123	
Jan. 14 1914—LOT 6 BLK 55 Town of Antioch. Hutchinson Co to Cong-regational Church Society of Antioch.....\$298.31	

FRESNO, MODESTO, STANIS- LAUS AND CENTRAL CALIFORNIA.

HOSPITAL—2 story and base, rein-
forced concrete, \$40,000. Turlock, Stan-
islaus Co., Cal. Architect, John J.

E. H. Williams Chalmers Munday

Munday & Williams Attorneys-at-Law

Special Attention Given to Building
Law and Bankruptcy Cases

Telephone Kearny 2622

615 Phelan Building, San Francisco

Foley, 46 Kearny street, S. F. Owners, Sisters of Providence. A site has been secured and funds are now nearly all available for the construction of a modern hospital. Funds have been donated by the citizens and the hospital will be conducted as a non-sectarian institution. Plans will be arranged for two wards, a number of modern private rooms, operating rooms, office and nurses quarters. Interior will be finished in pine, hardwood and tile. Construction will be fireproof. There will be steam heat, oil burning plant, hot water system and vacuum cleaning. Exterior of the building will be faced with cement plaster. Plans are being prepared.

DEPARTMENT STORE—1 story and base, brick and steel, \$15,000. Modesto, Stanislaus Co., Cal. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Charles Daunt. The building will be erected at the corner of K and 10th streets, covering an area of 50 by 150 feet. The basement as well as the ground floor will be arranged for stores. There will be considerable steel used. Interior finish will be of pine and hardwoods. A cement floor, metal window sash and frames and steam heat will be installed. The entire building has been leased to the Rockdale Co. Exterior will be covered with pressed brick. Patent store fronts and plate glass windows are specified. Plans are nearly complete and figures will be called for at once.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

APARTMENT HOUSE—2 story and base, frame, \$10,000. Sacramento, Cal. Architect, none. Owner, A. W. Norris, 409 21st street, Sacramento. The building will be erected on 18th street, and has been arranged to contain four modern suites of three and four rooms. Interior finish will be of pine with oak floors in the living rooms. All suites will have private bath rooms and wall beds. There will be gas grates and tile mantels. Bath rooms will have composition floors and tile wainscot. A central heating system and hot water plant will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

Building Contracts.

SACRAMENTO COUNTY.

E ½ OF S ½ LOT 5 U, V, 29TH AND
30TH Sts., No. 2931 V St., Sacramento

Erect one and one-half-story frame dwelling (7 rooms) and private garage in rear.
Owner.....E. B. Duffee, 2701 X St., Sacramento.
Architect...None.
Contractor...Green & Deuel, 1220 M St., Sacramento.
COST, \$2750

W ½ OF S ½ LOT 5, U. V. 29TH AND 30th Sts., No. 2927 V St., Sacramento. One-story six-room frame dwelling.
Owner.....W. B. Morse, 2419 23rd St., Sacramento.
Architect...None.
Contractor...Green & Deuel, 1220 M St., Sacramento.
COST, \$2500

S 40 FT. OF E ½ OF LOT 7, Oak Grove Tract, Sacramento. One-story five-room frame dwelling.
Owner.....Mamie Davis, 3230 1st Ave., Sacramento.
Architect...None.
Contractor...A. Miller, 3205 3rd Ave., Sacramento.
COST, \$1350

S ¼ OF LOT 4, I, J, 26TH AND 21ST Sts., 914 21st St., Sacramento. Remodel front porch of one and one-half-story frame dwelling.
Owner.....Mrs. Homer McKee, 914 21st St., Sacramento.
Architect...None.
Contractor...W. T. Feaghen, 3209 23rd St., Sacramento.
COST, \$300

SE RIVERSIDE ROAD AND Y ST., Sacramento. Repair roof and trusses in grand stand.
Owner.....E. L. Kripps, 601 J St., Sacramento.
Architect...None.
Contractor...G. E. Harvie, 2212 T St., Sacramento.
COST, \$600

W ½ LOT 2 C, D, 23RD AND 24TH STS., No. 3310 C St., Sacramento. One-story five-room frame dwelling.
Owner.....Mrs. M. G. Betz, 2614 C St., San Francisco.
Architect...None.
Contractor...A. W. Norris, 409 21st St., Sacramento.
COST, \$2700

N ¼ LOT 8 G, H, 19TH AND 20TH STS., No. 719 19th St., Sacramento. Two-story frame tenement (1 apartments).
Owner.....A. W. Norris, 409 21st St., Sacramento.
Architect...None.
Day's work.....COST, \$7000

LOT 4, K, L, 8TH AND 9TH STS., Sacramento. Alter store.
Owner.....Albert Elkus, 826 K St., Sacramento.
Architect...None.
Contractor...Siller Bros., 1614 13th St., Sacramento.
COST, \$2300

S ½ OF N ½ LOT 5, V, W, 18TH AND 19th Sts., No. 2324 19th, Sacramento. One-story frame dwelling.
Owner.....John Sylva, 1211 X St., Sacramento.
Architect...None.
Contractor...W. D. McKay, 1212 X St., Sacramento.
COST, \$1350

LOT 18 MEER & SOWELL HIGH School Tract, "T" Court, Sacramento. One-story 5-room frame dwelling.
Owner.....J. Paul Miller, 3129 "T" Court, Sacramento.
Architect...None.
Contractor...Chatterton Bros., 3120 T Sacramento.
COST, \$3000

LOT 15 UHL COURT, Oak Park, Sacramento. One-story 5-room frame dwelling.
Owner.....Fred Uhl, 2 Uhl Court, Sacramento.
Architect...None.
Day's work.....COST, \$1600

ROSE AVE TCT, Oak Park, Glen Ave., Sacramento. One-story frame dwlg.
Owner.....H. Uhl, 2 Uhl Court, Sacramento.
Architect...None.
Day's work.....COST, \$1400

N 100 FT LOT 1, L, M, 7TH AND 8TH Sts., No. 700 L St., Sacramento. Enclose heating apparatus with masonry wall and metal covered fire door.
Owner.....Mrs. Charles Schwartz, 700 L St., Sacramento.
Architect...None.
Contractor...Geo. C. Bumgartel, 1410 ½ G St., Sacramento.
COST, \$500

E 20 FT OF E ½ LOT 3, L, M, 5TH & 6th Sts., No. 522 L St., Sacramento. New front in store.
Owner.....E. Shevlin, 1608 7th St., Sacramento.
Architect...None.
Day's work.....COST, \$500

N ½ OF E ½ LOT 5, H, I, 26TH AND 27th Sts., No. 822 27th St., Sacramento. One-story 4-room frame dwelling.
Owner.....Tom A. Cody, 830 27th St., Sacramento.
Architect...None.
Contractor...Ernest G. Johnson, 2822 H St., Sacramento.
COST, \$1700

LOT 1 WEST CURTIS OAKS, 21st St. near 1st Ave., Sacramento. Repair fire damage to one and one-half-story frame dwelling.
Owner.....Fred Flowers, West Curtis Oaks, Sacramento.
Architect...None.
Contractor...A. J. Moss, 826 L St., Sacramento.
COST, \$1500

Building Contracts.

SAN JOAQUIN COUNTY.

LOT 4 BLK "D" W, Stockton. One-story frame building.
Owner.....W. H. Thomson, 806 North Hunter St., Stockton.
Architect...None.
Day's work.....COST, \$2250

NOS. 39 AND 43 E-MAIN, Stockton Remodel brick building
Owner.....M. E. Cunningham, 17 E-Acacia St., Stockton
Architect...None
Day's work.....COST, \$1000

E 50 LOT 13 BLK 6 E, Stockton. Erect brick warehouse.

Owner.....Mrs. Ruhl & Mrs. Lorenz, 24 S-Stanislau, Stockton.
Architect...None
Day's work.....COST, \$2500

S ½ LOTS 9 AND 11 BLK "E" W, Stockton. One-story frame building.
Owner.....W. H. Thomson, 410 E-Market St., Stockton.
Architect...None.
Day's work.....COST, \$2250

NO. 26 S-EL DORADO, Stockton. One-story model brick building.
Owner.....C. B. McDougald.
Architect...None.
Day's work.....COST, \$700

LOT 15 BLK 2, THE OAKS, Stockton. Frame building.
Owner.....C. A. Gibson.
Architect...None.
Day's work.....COST, \$4000

N OPHIR BLK 6 LOT 18, Stockton. Frame building.
Owner.....Wm. McCleary.
Architect...None.
Day's work.....COST, \$2200

ONE MILLION FEET OF LUMBER.

One of the largest orders for lumber ever placed for one job was given by Ward & Goodwin, contractors, to the Hart Wood Lumber Company for the largest base ball grounds west of Chicago.

The job is to be done in 50 working days so as to be ready for the opening of the base ball season.

The new grounds are to be located at Masonic avenue and Rose street.

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
Jan. 22, 1914—N 50 FT OF S ½ LOT 4, K, L, 10th and 11th Sts., Sacramento. Bertha Howe to Campbell & Turner.....Jan 19, 1914

LIENS RELEASED.

SACRAMENTO COUNTY.

Jan. 20, 1914—LOT 13 BLK 1 R Turner's Subdv. W J O'Brien to H H and Ethel Mull.....\$53.75

Liens Filed.

SACRAMENTO COUNTY.

Jan. 22, 1914—LOT 8, I, J, 5TH & 6TH Sts., Sacramento. Crane Co vs Young Men's Christian Ass'n and General Eng Co.....\$684.89

LOS ANGELES AND SOUTH-CALIFORNIA.

APARTMENT HOUSE—3 story and base, brick and steel, \$40,000. Los Angeles, Cal. Architects, Blanchard, Green & Tifal Van Nux Bldg. L A Owner, B. F. Stevens. The building will be erected on Santee street near 10th and will cover an area of 50 by 140 feet. Interior has been arranged for a total of 78 rooms, which will be divided into two and three room suites. All apartments will have private baths and wall beds. Interior finish will be

of pine with some hardwood panels and oak floors. Plans provide for steam heat, a hot water system and vacuum cleaning. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor under the superintendence of Webb & O'Neil, L. A. Owners, L. A. Owners, L. A. Owners.

APARTMENT HOUSE—3 story and base brick and steel. Cost not stated. Los Angeles, Cal. Architects, R. D. King and E. C. Taylor, Consolidated Realty Bldg., L. A. Owner, Elias Sheendouy. The building will be erected at the corner of 38th and Main streets, covering an area of 50 by 130 feet. There will be a total of 65 rooms, arranged in two and three room suites. The first floor will contain three stores besides the entrance. Interior will be finished in pine with elm panels and hardwood floors. Plans provide for steam heat, a vacuum cleaning system, wall beds and hot water plant. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are being prepared.

BANK—2 story and base. Class A construction, \$25,000. Redondo Beach, Los Angeles Co., Cal. Architect, L. B. Pemberton, Auditorium Bldg., L. A. Owners, Farmers' and Merchants' National Bank. The building has been designed in the classic style and will be faced with pressed brick and terra cotta. Walls and floors will be of reinforced concrete. Interior partitions will be of hollow tile and metal lath and plaster. The entire first floor will be occupied by the bank and will be finished in hardwoods, marble, ornamental plaster and bronze grilles. Upper floor will be subdivided into ten offices finished in birch. There will be steam heat, a vacuum cleaning system and metal window sash and frames. Special vault work is also called for. Plans have been revised and figures are now being taken.

WAREHOUSE—1 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architects, Train & Williams, Exchange Bldg., L. A. Owners, Bradford Baking Co. This building will be erected at 101 North Avenue 20, and will cover an area of 50 by 165 feet. Walls and floors will be of reinforced concrete. There will be metal lath and plaster interior partitions, metal window sash and frames. Interior finish will be of pine. A covered platform 30 by 165 feet will also be constructed. Exterior of the building will be faced with cement plaster. Modern plumbing and electric work are specified. Plans are complete and figures are being taken.

ICE AND COLD STORAGE PLANT—2 story, brick and frame, \$65,000. Long Beach, Los Angeles Co., Cal. Architect, Engert Engineering Co., Central Bldg., L. A. Owners, People's Ice and Cold Storage Co. The plant will be erected at the corner of Ocean Park avenue and 3rd street, and will cover an area of 200 by 125 feet. The first story will be of brick construction with plaster exterior the second story, which will cover half the area, will be of frame construction with plaster over metal lath on the exterior. A complete equipment of refrigerating machinery will be installed, a well drilled and pumping plant put in. The company will manufacture ice, dis-

tilled water, ice cream and soda water. Plans are being prepared.

RESIDENCE—2 story and base, reinforced concrete. Cost not stated. Capistrano, Orange Co., Cal. Architects, Walker & Vawter, Hiernian Bldg., L. A. Owner, Grace Dolph. The dwelling will contain ten rooms and four baths. Interior finish will be of pine and hardwoods with oak floors in the principal rooms. Bath rooms will have tile floors and wainscot. There will be steam heat and a hot water system, vacuum cleaning and special electric work. Several large open fire places with brick and tile mantels will be used. Exterior of the house will be faced with cement plaster. Art glass is also specified. Plans are complete and ready for figures.

SCHOOL—1 story and base, brick, \$30,000. El Centro, Imperial Co., Cal. Architect, Fred T. Harris, Holt Bldg., El Centro. Owners, El Centro School District. The building has been designed to contain eight standard sized class rooms, principal's office, teachers' rooms and assembly hall. Interior finish will be of pine with maple floors in the class rooms. Steel ceilings, steam heat and slate blackboards are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be opened on February 9th. Plans can be secured from the architect.

SCHOOL—2 story and base, brick, \$10,000. Ontario, San Bernardino Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Chaffey Union High School District. The building is 190 by 105 feet. The concrete foundation and about one-half of the brick walls are standing. All interior work, carpentry, plumbing and electric work is still to be completed. Architect Marsh has the working drawings complete and is now taking figures. Bids will be opened on February 31st. Plans and specifications can be secured from the architect.

SCHOOL—1 story and base, brick, \$15,000. Palms, Los Angeles Co., Cal. Architects, Dennis & Hewitt, Fay Bldg., L. A. Owners, Palms School District. The building will contain eight class rooms, an auditorium seating 600 people boys' and girls' playrooms, domestic science department and manual training department. Construction will be of brick and steel. Interior finish will be of pine with maple floors in the class rooms. Modern school plumbing, steam heat and program clock system will be installed. Exterior will be faced with cement plaster. Separate bids will be taken on the general construction, plumbing, heating and ventilating and electric work. Plans are complete and figures will be opened on January 31st. Plans and specifications can be secured from the architects.

CHURCH—1 story and base brick, \$12,000. Redondo Beach, Los Angeles Co., Cal. Architect, Frank T. Kogley, Consolidated Realty Bldg., L. A. Owners, Roman Catholic Church. The building will cover an area of 40 by 106 feet and will contain an auditorium seating 300 people, vestry, sacristy and social hall. Interior will be finished in pine and redwood. A number of art glass windows will be used. Exterior will be faced with blue pressed brick. Roof will be of clay

tile. Plans are being prepared and figures figures will be called for about the middle of February.

SCHOOL—1 and 2 story and base, brick, \$65,000. Glendora, Los Angeles Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Glendora High School District. The buildings will conform to the present building in design and construction. The house-hold arts building will be a two-story and basement structure 36x100, with a central rear wing 70x70 feet. It will contain a caretaker's, lunch room, laundry, metal hammering room and furnace room in the basement, two study halls, library, commercial department, offices and rooms for stenography, typewriting and musical courses in the first story and domestic science, sewing and art departments, office and model flat in the second story. The manual arts building will be one story 17x150 feet, and will provide for wood working, pattern making machine room, foundry, lecture room, forge and mechanical drafting. The buildings will be of brick construction with sand lime brick exterior facing, concrete foundations, composition roofs, pine trim, pine and maple floors, lavatories, plumbing, electric wiring, heating and ventilating.

MUNICIPAL WATER SYSTEM—Cost not stated. Manhattan Beach, Los Angeles Co., Cal. Engineer, Frank A. Lethrop, Los Angeles. Owners, City of Manhattan Beach. Plans for a municipal water system have been completed and figures are now being taken. Bids will be opened on February 7th. An official proposal appears in another column of this issue. Bids will be received on three schedules (a) The work as a whole, (b) Any or all of the required materials f. o. b. Manhattan Beach, (c) Any or all of the construction work. The work will consist of furnishing and placing approximately the following: 1,576 feet of 12-inch pipe; 5,504 feet of 10-inch pipe; 6,560 feet of 8-inch pipe; 16,262 feet of 6-inch pipe; 48,783 feet of 4-inch pipe; 25,917 feet of 3-inch pipe; 5,218 feet of 2-inch pipe; 19 1/2 tons of special fittings; 1 1/2-inch gate valve and case; 2 1/2-inch gate valves and cases; 4 8-inch gate valves and cases; 7 6-inch gate valves and cases; 62 4-inch gate valves and cases; 43 3-inch gate valves and cases; 10 2-inch gate valves and cases; 103 two-stream fire hydrants; 17 one-stream fire hydrants; 1 frame pump house; 1 315 P. M. direct connected well pump; 1 500 P. M. direct connected pressure pump; 1 10x 17x17 foot reinforced concrete reservoir; 1 steel water storage tank; 300 metered house connections.

BANK AND OFFICES—1 story and base. Class A construction, \$1,000,000. Los Angeles, Cal. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Commercial Fireproof Building Co. Property at the northeast corner of 5th and Spring streets, covering an area of 115 by 155 feet, will be improved by the construction of a Class A building. The first floor will be occupied by the Citizens' National Bank. The building will be of steel frame and brick construction with concrete foundation and terra cotta facing, composition roof. There will be plate glass windows, hollow tile and concrete floors, hardwood interior trim

Marble wainscot and floors in corridors and entrance will be used. Five elevators will be installed. There will be metal frames and sash, wired glass. Each office will have a lavatory. There will be steam heat, vacuum cleaning, mail chutes, plumbing and electric wiring. Plans are now being prepared.

STORES AND LOFTS—5 story and base. Class C construction. Cost not stated. Los Angeles, Cal. Architects, Tialo & Williams, Exchange Bldg., L. A. Owner, J. F. Hosfield, Monrovia. The building will be erected on the east side of Broadway adjoining the City Hall, and will cover an area of 60 by 160 feet. The first story will have an 18-foot ceiling with a mezzanine floor and will be occupied by stores. Upper floors will be arranged for lofts. There will be freight and passenger elevators, metal lath and plaster partitions, fireproof doors, metal window sash and frames, steam heat and a vacuum cleaning system. Patent store fronts with plate glass windows will be installed. Exterior of the building will be faced with pressed brick and terra cotta. Plans are now being prepared.

OFFICES—8 story and base, reinforced concrete construction, \$200,000. Phoenix, Ariz. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owner, Dwight B. Heard and associates. The building is to be erected on Central avenue, covering an area of 70 by 146 feet. The first floor, basement and second floor will be occupied by a large mercantile firm. Upper six floors will contain 156 offices. There will be freight and passenger elevators in the store section and two passenger elevators in the office section. Construction will be of reinforced concrete throughout with concrete floors and hollow tile and metal lath and plaster partitions. Entrance lobby, corridors and halls will be finished in marble. Offices will have hardwood and metal trim. Window sash and frames will be of metal. Plans also provide for steam heat and vacuum cleaning. Exterior of the building will be faced with pressed brick. Plans will be complete and figures taken by March 1st.

STORES AND THEATRE—1 story and base, brick, \$25,000. Los Angeles, Cal. Architect, A. Lawrence Valk, Simson Bldg., L. A. Owner, B. S. Lustig. The building will be erected on Main street between Winston and Fifth, and will contain several stores besides a motion picture theatre having a seating capacity of 800 people. Interior will be finished in pine. There will be a modern system of ventilation. Exterior will be faced with pressed brick. Plans are complete and figures will be taken at once.

Contracts Awarded.

SCHOOL—2 story and base, brick and steel, \$53,000. Santa Paula, Ventura Co., Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Santa Paula School District. Contractors, The Ventura Mill and Lumber Co., Santa Paula. Contract price, \$53,911.

LOFTS—5 story and base, brick and steel, \$55,000. Los Angeles, Cal. Architect, Fred R. Dorn, Marsh-Strong Bldg., L. A. Owner, Frank R. Strong. Contractors, The Davidson Construction Co., 16th and Tennessee streets, L. A. All work except structural steel,

elevators, plumbing and heating. Contract price, \$55,000.

PORTLAND AND OREGON.

HOTEL—2 story and base, brick, \$30,000. Sutherlin, Ore. Architect, Earl A. Roberts, Selling Bldg., Portland. Owner, P. B. Waite. The building will be erected on a corner site. The first floor will contain a large store besides the main hotel office, lobby, dining room, kitchen and ice storage plant. Upper floor will be divided into 40 guest rooms, 15 of which will have private baths. Interior finish will be of pine throughout. Plans provide for steam heat and patent store fronts. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SCHOOL—2 story and base, brick and concrete, \$100,000. The Dalles, Ore. Architect, C. K. Crandall, The Dalles. An announcement of the selection of the architect has just been made by the Board of Education. Details of the building cannot be published at this time. It is the intention of the Board to erect a modern high school structure.

Contracts Awarded.

FACTORY—1 story and base, reinforced concrete, \$25,000. Gresham, Ore. Architect, P. Chappell Browne, Mohawk Bldg. Portland. Owners, Beaver State Motor Car Co. Contractors, James P. Taylor Co., Couch Bldg., Portland. Contract price, \$25,000.

SEATTLE AND WASHINGTON.

APARTMENT HOUSE—3 story and base, brick, \$35,000. Seattle, Wash. Architect, none. Owner, John Hakanson, 3725 Nob Hill avenue, Seattle. The building will be erected at the corner of Spruce and 12th avenue, and will cover an area of 50 by 126 feet. Plans provide for sixteen suites of two, three and four rooms. Interior finish will be of pine and redwood with hardwood floors in the living rooms and halls. There will be steam heat, an oil burning system, vacuum cleaning and hot water supply. Bath rooms will have tile wainscot and composition floors. All suites will be equipped with wall beds. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor. Bids will be taken in about two weeks for materials.

HOTEL—6 story and base, brick and steel, \$60,000. Seattle, Wash. Architect, John Graham, Lyon Bldg., Seattle. Owner, P. J. Murphy. The building will be erected at the corner of 6th and Jackson streets, and will cover a large area. Construction will be practically fireproof with a steel frame, brick walls, reinforced concrete floors and hollow tile interior partitions. All guest rooms will have private baths. Interior finish will be of pine and hardwood. Plans provide for steam heat, elevator service, a vacuum cleaning system and metal window sash and frames. A complete oil burning system will be installed. Bath rooms will have composition floors and tile wainscot. Ornamental plaster, marble and

tile will be used in the entrance and lobby. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

CHURCH—1 story and base, frame, \$19,000. Seattle, Wash. Architects, Wilcox & Sayward, Central Bldg., Seattle. Owners, Keystone Congregational Church. Work will be started at once on the new building to be erected on 31st street. There will be a main auditorium seating 300 people, pastor's study and Sunday school rooms. Interior finish will be of pine throughout. A central heating system will be installed. Exterior of the building will be covered with rustic and ship-lap. The work will probably be done by Day Labor. Some art glass is specified.

FIRE STATION AND JAIL—3 story and base, reinforced concrete, \$100,000. Seattle, Wash. Architect, D. R. Huntington, Seattle. Owners, City of Seattle. A resolution has been introduced by Supervisor Pierce calling for a bond election to secure funds for a combination fire station and jail in the Denny Hill District. Preliminary plans of the architect accompanied the resolution. Further mention will be made of the work.

Contracts Awarded.

APARTMENT HOUSE—6 story and base, reinforced concrete, \$15,000. Seattle, Wash. Architect's name not given. Owner, Mr. Dow, Contractor, David Dow, 21st and Spruce streets, Seattle. Contract price, \$15,000.

GARAGE—2 story and base, brick, \$36,000. Seattle, Wash. Architect, none. Owners, Waterhouse-Sands Co. Contractors, Sound Construction and Engineering Co., Lowman Bldg., Seattle. Contract price, \$30,600.

THE USES OF BIRCH.

Birch is so popular for interior finish that our readers will doubtless appreciate an authentic statement of the properties and uses of this versatile wood. Fortunately, we are able to give them this information based upon a recent bulletin of the United States Forest Service.

The bulletin speaks of "sweet" birch, meaning the species known botanically as *Betula lenta*, "but since a great deal of the so-called 'sweet' birch used in the factories is simply the red heartwood of yellow birch (*Betula lutea*), the information given is of interest to every producer of birch throughout the United States. We quote from the bulletin as follows:

Early Uses.

Though in early times sweet birch was used chiefly for fuel, there is evidence that it was on the market as timber more than a century ago. As early as 1791 shipments were going regularly to Clyde and Liverpool.

Birch is believed to have been the first wood employed as an imitation of mahogany in this country, but the exact date is uncertain. Boston furniture makers were putting it to that service very early. It is still so used, and one of its commercial names is mahogany birch, given it because of its success as a counterfeit. Cherry birch is another of its names, due to its success as a substitute for cherry. It is sometimes called red and white birch, the first

name bentwood because the heartwood is red, and the second because the sapwood is white.

While Boston was staining birch and selling it as mahogany in furniture and musical instruments, New York carriage makers were building fine panels of it and finding ready sale for their product without biding it under false names. The artistic front of many a chest of drawers passed for mahogany a century ago (and may still pass as such in antique collections), though the wood grew in Massachusetts, New York or Pennsylvania.

Furniture.

Among the earliest attempts to make high grade furniture of sweet birch were those successfully carried out at Boston. Hand-carved arms for chairs were turned out in attractive designs. The early hand processes expanded and developed into manufacturing as the term is now understood. Sweet birch, being a wood of high grade, has been prominent in furniture manufacture from the first successful attempts. It is physically equal to nearly any wood; it is heavy, dense, of good milling qualities, lends itself to stains and fillers, and holds finish well. There is probably no important line of furniture produced in this country which does not make use of some birch. The earliest furniture of this wood seems to have been chairs, and at this day chairs are of sufficient importance to claim first place. The range rises from the cheap camp chair or stool to the finest rocker. The entire article is not necessarily birch; in fact, it seldom is. This wood may supply only the back, the seat, the arms, the rockers, or some of the slats, rounds, or spindles. A special place for it is found in opera chairs, in which three or five ply veneer, the visible wood being birch, is shipped for seats and backs. School desks in large numbers are manufactured in similar patterns. Morris chairs, of which the arms at least are of this wood, are widely sold, and a still higher grade is found in upholstered and plain parlor suites, including davenport, sofas, settees, squabs, and lounges. The heavier of these articles are on casters, which are often of birch, as its hardness, and strength fit it for such service.

Several important places in church furniture and fittings are admirably filled by sweet birch, although it is not so extensively employed as oak. It is made into pews, pulpits, communion tables, contribution plates, pulpit chairs, and Bible stands.

It is a popular cabinet wood and enters into the construction of a long list of articles, from kitchen tables and cupboards to elastic bookcases and filing cabinets. It is not always the outside wood, but it usually is, especially the richly colored heartwood. It should be borne in mind that there are two kinds of birch as the cabinet-maker views it—heartwood and sapwood. The difference in color is apparent at a glance, and the workman selects his material for the sake of color. He selects it as carefully for another reason, if he employs glue to fasten the parts together. Birch does not split readily, because of its tendency to split, and much of it is either dovetailed or glued. If it is glued the best results are attained only when sap-

wood is glued to sapwood and heartwood to heartwood. Birch appears in many kinds of desks, not only as an imitation of cherry or mahogany but on its own merit. Smoking stands and card tables of this wood are also popular. Children's cribs, folding beds, china closets, extension tables, wall cases, ball trees, taboretts, umbrella stands, chiffoniers and dressers of sweet birch are listed by many factories.

◆

Proposal

STATE OF CALIFORNIA, DEPARTMENT OF ENGINEERING, CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Bldg., Sacramento, Cal., until 2 o'clock P. M. on February 24th, 1914, at which time they will be publicly opened and read for construction in accordance with the specifications therefor, to which special reference is made, portions of State highway as follows:

San Mateo County from the south line Daly City to South San Francisco (V-S, M-2-A), about 4 miles in length, to be built of Portland cement concrete with asphalt surface.

San Diego County from Las Flores to the Western Boundary (VII-S, D-2-D), about 11.5 miles in length, to be built of Portland cement concrete.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained, at the said office and they may be seen at the offices of the Division Engineers of the divisions in which the work is situated. The Division Engineers' offices are located at Willits, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids and to accept the bid deemed for the best interests of the State.

Dated: January 22, 1914.

CHARLES D. BLANEY

NEWELL D. LINGLINGTON,

CHARLES F. STERN,

California Highway Commission.

ALSTIN B. FLETCHER

Highway Engineer.

WILSON R. ELLIS, Secretary. (•)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 215 of the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 10:00 A. M. Thursday, February 5, 1914, for Electric Wiring of the Buildings and Grounds of the Transportation Building in accordance with the plans and specifications on file in the office of the Director of Works, and Chestnut Streets, San Francisco.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company. In the sum of (10) per cent of the amount bid or the same will not be considered. When the award of contract is made the check will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfac-

tory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$25.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and specifications must submit a bid which will forfeit the deposit of Twenty-five Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee,
WILLIAM H. CROCKER,
Chairman.

NOTICE TO CONTRACTORS.

OFFICE OF THE BOARD OF STATE HARBOR COMMISSIONERS, Union Depot and Ferry House, San Francisco, January 28, 1914.

SEALED PROPOSALS or bids will be received at this office on or prior to 11 o'clock A. M. on Wednesday, February 11, 1914, for furnishing materials for constructing an addition to the north side of Pier No. 54, on the waterfront of the City and County of San Francisco, in accordance with the plans and specifications prepared therefor by the Assistant State Engineer, and adopted by the Board of August 16, 1912, and on file in this office to which special reference is hereby made.

The materials to be used in this work shall consist of the following quantities: Portland cement and Douglas fir piles (which will be furnished to the contractor by the Board); sand, crushed rock, gravel, railroad ties, lumber, castings, structural steel, rods, bolts, spikes, car springs, asphalt paving, etc.

All materials used must be of the best of their respective kinds, if not especially specified herein. All materials used in the structure will be subjected to a rigid examination, test, and if found defective, undersize, unsuitable or not as specified, will be condemned and must be immediately removed from the work by the contractor at his expense.

No bid will be received unless it is made on a blank form furnished from this office, and is accompanied by a certified check for an amount equal to five (5) per cent of the amount of the proposal. The same must be made payable to the Secretary of the Board of State Harbor Commissioners. If the proposal is accepted and the contract awarded and if the bidder shall fail or neglect to execute a contract and give the bond required within six (6) days after the award is made, in that case the said sum mentioned in said check shall be deemed liquidated damages for such failure and neglect and shall be paid into the San Francisco Harbor Improvement Fund.

The bond is required to be not less than one-half of the total amount of the bid, with two or more sureties, to be approved by the Board of State Harbor Commissioners, and conditioned that the faithful performance by the contractor of all the terms and conditions of said contract according to the true intent and meaning of the same, and the satisfaction of the Board, and said bond shall also be effective as provided in an Act approved May 1, 1911, for the protection of materialmen, mechanics and laborers.

Bids will not be considered by the Board unless delivered to the Secretary or the Assistant Secretary to the office of the Secretary at or prior to 11 o'clock A. M. on Wednesday, February 11, 1914, at which time and place the bids will be opened.

The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Bidders are invited to be present at the opening of bids.

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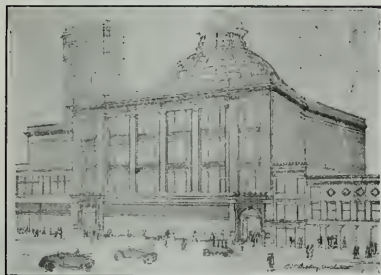
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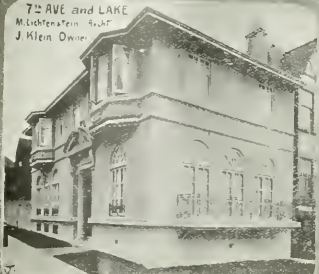
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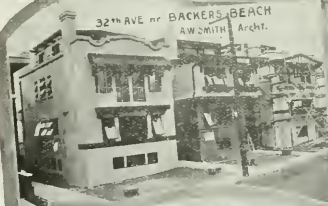
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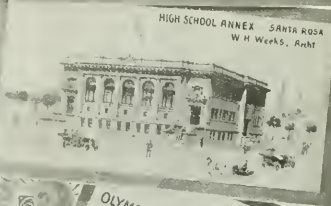
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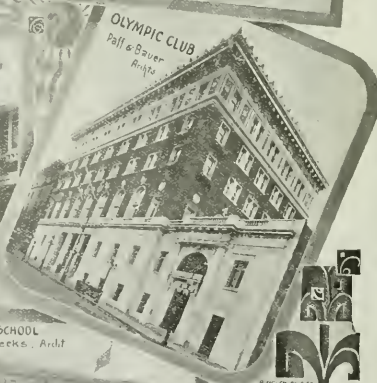
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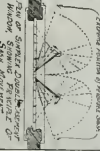
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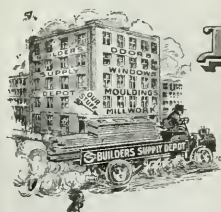
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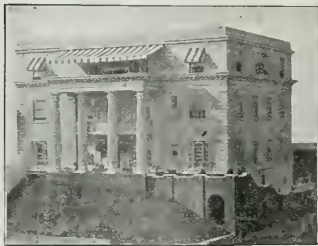


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Editorial Comment.

The government railroad in Alaska is to be built in the near future. Forty millions of dollars is to be spent in the construction of the road and in the development of the country and all people will have an equal chance in shipments over the road. The Chronicle reluctantly admits that the road is to be constructed and that Alaska and the Pacific Coast will greatly benefit thereby, but states that if the rest of the country is willing to pay for the construction that we should not complain.

It is the plan of Secretary Lane to have Alaska pay for its own development. This, it no doubt will do in very short order. It is a vast country of very great resources and the wealth of its forests and mines and coal lands and fisheries will no doubt soon repay the government for any money expended.

What the Chronicle and all the other organs of special privilege would have liked would have been to see the resources of Alaska turned over to the Guggenheims or some other similar syndicate. The railroads would then have been controlled by special interests and only those on the inside would have had the advantage. The country would probably have been developed if it would make money for the syndicate but only the privileged classes would have had a show. The construction of the government railroads will set a new standard of development and when it is once established there will be no return to the old feudal methods.

One feature of the Exposition that will be interesting to builders will be a first hand production of the architecture of other nations in the construction of their respective buildings. The world will be represented. And the religion, the climate and the mode of life will be embodied in the architecture that has grown up under different conditions and environments. After all the main feature of the Exposition will be its buildings and grounds, its landscape gardenings and lighting effects, so that while the industries of the world will be represented and the progress of mankind chronicled in its exhibits the art of the builder will be the first and last exhibit of the great show.

Now the question comes up in the matter of trying the condemnation suit of the property of the Spring Valley Water Company. The company insists upon trying a pending rate case before going ahead with the condemna-

tion proceedings. Delay is certainly a word that is over worked in the attempt to get a water supply for this city. The safeguards that are hedged about citizens are often taken advantage of by the unscrupulous. These interminable delays interposed in the path of progress makes one wish for the plenary power of an autocratic ruler that would kick some of the obstructionists into the Pacific ocean.

The Senate has passed the bill for the leasing for a period of six years of the dry dock to be constructed at Hunter's Point by the Union Iron Works. As the bill is practically assured of passage it means the construction here of a dry dock big enough to take any vessel of the American Navy and ship that can pass the Panama canal. As San Francisco Bay is thus recognized as the logical base for the Pacific Navy the merchant marine of the world will find a similar base at this port. San Francisco will eventually come to its own, because of its geographical position and its relation to the commerce of the western world.

Twelve good men and true have returned a verdict that Leah Alexander, who shot J. D. Van Buren, is not guilty of the crime of murder. It is reported that the jury found that she was temporarily insane when the crime was committed.

There seems to be a strange standard of life in the minds of most people. When it happens that a woman kills a man for any reason she is generally treated as if she was an irresponsible being and not endowed with any brains. The old standard of morals of the middle ages is placed upon modern society where women have as much, as if not more, rights and liberties than men.

In the case of the Alexander woman it was a clear case of partners in crime. She could not plead deception or apologize for her own acts in the matter. Society had not wronged her, she had as good a chance in the world as thousands upon thousands of other girls. So that it would seem that she had no more excuse for the plea of insanity than the man who gets crazy drunk and runs amuck and murders his fellow men and offers the excuse that he was drunk when he committed the crime.

Meanwhile the white slave pictures are drawing immense houses and being eulogized by the pulpit and press. All fair minded citizens will be disposed to give the woman the best of it when it is shown that she has been taken advantage of by reason of ignorance, poverty or weakness of any sort. But the sort of sentiment that now seems to have the hold on the public is not based on a rational view of human

nature and it puts a premium on sorts of wickedness that should be condemned as strongly as the crimes it is supposed to expose.

A decision has been handed down by the Circuit Court of Appeals sustaining the contention of the Wright Brothers in their infringement suit on their patents to the aeroplane. This sustains the popular opinion for the Wright Brothers were certainly the first to practically demonstrate aerial navigation. It is true they did not apply any new principle. But they combined and adjusted the ideas already developed and made a success of what had before been a failure. As the Scientific American says:

"This is the history of many other inventions. Morse, Bell, Fulton and the rest, all of them seized the abandoned devices of their predecessors and combined them into commercial operative inventions. To the world at large it seems but a little thing to step in this manner from failure to success; yet only a master mind succeeds in grasping the true relation of a dozen mechanical devices, hitherto uncombined, and in uniting them in some brilliant invention for which the world is immeasurably richer.

The decision in the Wright case ought to lay low the idea that the invention of a light, gasoline motor made the flying machine possible. If that were really true, the man-carrying aeroplane should have appeared twenty years ago. To be sure, the motors of that period were not light; but on the other hand, the long flights that have been made in recent years with two, three and even five passengers, proved conclusively that lightness of motor was not the only consideration. The Wright brothers succeeded, not because they built a light motor with their own hands, but because they had solved a problem in aero-dynamics which had baffled the best scientific thought of centuries."

The most noted architect in Japan, Matsunosuke Moriyama, who recently made an extended visit to America for the purpose of studying the engineering phases of our modern buildings, in commenting on the skyscraper, says: Generally speaking, there is no architecture in America, in the real sense of the term. When I say that there is no architecture in this country, I make a clear distinction between a product of architecture and a mere building. There are many immense buildings in New York, but there are few that can be rightly regarded as the products of architecture proper. Most of them are nothing but mere accumulations of wood, stone, iron and clay, because they have no artistic value at all. If you travel in Europe you will see many buildings of high architectural value. When you look at them they will appeal to you, and the impression you get will be entirely different from that you get out of most of the American buildings. The former impression comes from fine arts, while the latter comes from the mere accumulation of the building materials put together unartistically.

Mr. Moriyama attributes the lack of high class architecture here to America's short existence; her lack of delicate aesthetic taste, and her haste in building the nation. In referring to

the possibility of a characteristic style in this country, he says: America has not her own school of architecture as yet, but a mere imitation of the French school. In the near future, however, the Americans will have their own. They will begin to modify the skyscrapers. They cannot be satisfied with the mere accumulation of big boxes when their artistic nature demands a better type. I can see with a clear vision that the time is coming when there will be many beautiful skyscrapers in New York with high architectural merit. As the skyscrapers are an American production, America will have her own school, distinctly different from other foreign schools, when she has skyscrapers with architectural merit.

The Woolworth building indicates this tendency. There has never been such a skyscraper as the Woolworth building. It has beautiful sky lines, harmony and good proportion from an architectural point of view. I do not hesitate to say that it has been successful in all respects. When America has such skyscrapers as the Woolworth building, the world's opinion of the American architecture will be entirely different from now.

In architectural engineering America is ahead of all nations of the world. You can find no country with a more scientific system of heating or better building materials. Though I can learn almost nothing about the architectural side of the buildings here, I am expecting to get more benefit in this country from the engineering character of them than in any other country in the world.—Construction.

Sometimes the Examiner has an intelligent editorial and the real men of brains on the newspaper voice their independent thought that is not colored by the personal ambition or petty spite of Willie Randolph Hearst. For example writing the following editorial of yesterday's Examiner concerning syndicated news publications of Julian Hawthorne's life in prison:

DISGRACING A GREAT NAME.

"Following the example of other impudent and shameless jaibirds, Julian Hawthorne has been peddling his prison experiences in print. A special investigating commission, appointed by the Department of Justice, has just reported that Julian's 'experiences' are mostly lies, which was to have been expected, as Julian has been little else than a cheap parasite, trading on his father's honored name, all his life long.

Hawthorne's offense was of a peculiarly mean sort. He used his name to cheat hundreds of poor men and women of their earnings, selling bogus securities. He was arrested, tried, convicted and very properly sent to the Federal penitentiary in Atlanta. He served an inadequate term of a few months and then appeared in print wearing the halo of a self-elected martyr.

It is bad enough to have commonplace crooks thrust their frontony and shamelessness upon the public. But it is a blacker shame to see the name of a great genius and high-souled gentleman who gave the world 'The Scarlet Letter' thus dragged in the mire by the mean-spirited son who brings his own dishonor to the market

in which unscrupulous sensation mongers bid for the printed output of base and ill-smelling scribbles."

If the Examiner would apply its own criticisms to its own columns and renovate its own sensationalism the public and its subscribers would be much benefited.

Thomas Carlyle said that the best government in the world would be an absolute monarchy, provided we could get the best and most capable man for monarch. An instance of the truth of his statement is seen in the government of the Canal zone by Colonel Gotthals and there is a demonstration of what a really capable man can do when he knows his business, is absolutely honest and eminently fairminded and just.

Just now he is offered a number of places in the civil life of the country. The Mayor of New York has offered him the place of commissioner of police of that city. There seems to be a probability of his accepting the place. He is said to consider it on the ground that he be given absolute power. That would mean that there would be no political pulls or vote getting organizations that would have to be looked after. It would mean that the Colonel would have a free hand in the organization of the police of the city and with his wide knowledge of administration and military organization he could be expected to make the police force something entirely different from what it now is.

WANT SANITARY LAWS ENFORCED.

The Commission of Conservation at Ottawa has received the following interesting and important resolution from the "Trades and Labor Congress of Canada."

"Whereas, the heavy increasing death rate and infant mortality, particularly in some of our large cities, is due in a large measure to the unsanitary systems of heating, ventilation and sanitation, thereby causing a serious condition of life, and

Whereas, the present laws recognized by some of our Provincial and Municipal bodies are in many instances contrary to the laws of sanitation, lacking effectiveness and uniformity, and thereby endangering the lives of the people, and

"Whereas, the question of the health of the community should be the first consideration of all our governing bodies, and as all important scientific and medical bodies declare the urgent necessity of the highest standard of sanitation for the conservation of human life and the adoption of modern systems for all cities and towns.

"Be it resolved, that this Congress endorse the action of the United Association of Plumbers and Steamfitters in its efforts to establish Dominion and Provincial laws governing the installation of modern sanitary systems of plumbing and heating, and that the officers of this Congress, along with the officers of the United Association, endeavor to place this important matter before the Dominion Conservation Commission, with a view to their recognizing the necessity of Dominion legislation in sanitation instead of the present unsatisfactory Provincial and Municipal laws governing this matter at present."

The Railroad Commission And The Public.

By John S. Eastwood.

The railroad commission of the state of California should fix all the rates of all the public service companies in the state of California. It should be given full power to act as a court of arbitration between the public service companies and the public. It should be given the opportunity to assist the public service companies as well as to limit them, thereby benefitting the public as well, and it should perform the function of fixing rates, for by so doing they can assist the public service companies by giving them the necessary financial stability, impossible under the present methods.

By having complete control of all the rate fixing as well as the regulating power it will be possible for the railroad commission to protect the public service companies from the public and the public from the public service companies. Each needs protection from the other. The stabilizing of the public service companies will benefit the public.

That each one of the above statements is true needs no demonstration.

The growth of public service is recent, has been rapid and is ever expanding and including new functions, and to its rapid growth can be laid most of the faults, real or imaginary, ascribed to public service companies by the public.

A hostility has grown up between the public service companies and the public due to their peculiar relationship, but mainly because of the more or less monopolistic character of the service, also because of the ability of the public service company to deprive the consumer of the service upon non-payment of bills.

Most people believe and insist that they are honest, and that they are sincere in this belief cannot be gainsaid, but too often they are influenced in their standard of honesty by their personal feelings, which are not a safe guide.

The account of the butcher, the baker and the candle-stick maker can be stood off, and they have no recourse when beaten out of their accounts, for many others are doing business in the same lines, but the public service company's service is one that cannot be had elsewhere, conveniently, and this is the galling fact.

This condition compels a payment for a service that has been rendered at the date of presentation of the account. Too many people look upon this condition as an infringement on their rights, many look upon it as impugning their honesty. People hate to be forced to pay a bill.

Look the matter squarely in the face and you will know that this is at the bottom of any grievance, real or imaginary, you have against the public service company.

We are all alike, we want what we want when we want it, and what we want is certainly not to pay for a common place service that has been

rendered, if we can help it, but to spend our money for joy.

We prefer to spend our money for the joys of life, not for the dead horse bills for necessities.

Our joys may be fine raiment, the bright lights, the music, the tinkle of glasses with a silver bucket on the side, or it may be gasoline and high speed with a highball now and then, or again it may even be sweet charity, or white ribbons and tea, but whatever our joys are, they are the things we delight to spend our money for.

It is often said that in this world there is nothing certain but death and taxes.

All people hate a tax. A tax must be paid or property will be taken for its satisfaction.

A public service is not a tax, but the conditions of our modern life make it come very near it.

Property cannot be taken for the non-payment, the consumer has had the service, and is obliged to get along without it for what he has had unless he pays the public service company has an unpaid account, and both have a grouse.

It is therefore hopeless to think of an entire removal of hostility.

Some people think the only cure is public ownership.

Public ownership will shift the position of the difficulty, and possibly the distribution of the burden of payment but does not remove the difficulty.

The same conditions as to payment of bills must remain.

It is the last stage, and there is no recourse.

People who cry for it will then have not only to pay, but pay more for less efficient service.

None of the utopian dreams or rosy ideas work out in practice, principally because all incentive to good and economical service is removed as soon as it is in the hands of the municipal employee.

What is everybody's business is nobody's business.

There is no way to compel efficient municipal public service.

The functions are so many and needs of the municipalities so great, in addition to that of public service, that there is not, and cannot be, property value enough in the municipalities to permit bonding them to acquire all the public service required by modern conditions.

That being the case there is no other way, than to have privately owned public service companies for this service has become a necessity.

If they must remain in private ownership, they must furnish service to the public on a reasonable basis.

A reasonable basis is that there should be a fair return to the owners of the public service company for the service.

But the determination of what is a fair return is one of the biggest problems now before the public service

commissions, whose duty it is to do the rate fixing.

It is a problem that is intricate and variable, and can only be solved by those having the facilities to determine and integrate all the factors that enter into it.

The rate fixing should be in the hands of the state railroad commission, for it alone is in a position to get the necessary data upon which to arrive at a fair basis for rate fixing.

The rate fixing should be in the hands of the state railroad commission, for it alone has the service of experts to solve the problem of the fair basis of the rate fixing.

The rate fixing should be in the hands of the state railroad commission because it alone is capable of doing so in strict justice between the public service companies and the public.

The railroad commission should not be hampered in the performance of this enormous task by being compelled to hire any but the very highest grade expert talent, for such service to the public is cheap at any price.

The last person in the world that should have the rate fixing power is the councilman of a municipal corporation, because he is in every way unfitted and disqualified for this work.

He cannot do it in fairness to himself, the public or the public service company.

He has not the knowledge, the time, or the ability to acquire the knowledge to enable him to take up the matter of the solution of the problem of the fair rate fixing basis.

He is under political obligations to the voters of his ward, and there is a definite, or implied promise on his part to reduce rates in return for his election.

He is himself a consumer of public service and has his own natural inclinations to resist, when he is a fair-minded person.

When he is not a fair and honorable citizen, and such cases have been known, it is impossible to tell where he will stand.

There can be no more unfair condition imagined than to expect a fair adjustment of public service rates from a man who has absolutely no element in his relationship to the public service company, other than that to lead him to cut the rates down.

The question always is, "how much are the rates to be cut down?" And not "how are the rates to be adjusted?"

The councilman is handicapped by public suspicion of graft if he is fair to the public service company, or is blamed by the citizens for not doing his duty to his constituents who elected him, if he does not cut the rates down.

The rates for public service have been thus forced down in price at about the same rate that other necessities of life have gone up.

A decrease in rates cannot continue indefinitely, for sooner or later it will reach the zero point.

During the period in which the pub-

tic service has been developed. It has been steadily forced down in price, while labor and the cost of living and most all materials have steadily gone up.

It stands to reason that with two things moving in the opposite directions, the one down the other up, the apparent speed of their departure from each other is rapid, and it takes but a short time for them to reach the extremes of separation.

The public service companies have been bled till they are anaemic.

They have been starved till they are unable to make the necessary improvements, except at ruinous financial sacrifices, which weaken them still further.

They have been cut to the quick until the very nerve centers are laid bare.

They are in the condition of the farmer's horse that was being trained to live on a straw less every day—their bones are emerging.

The public service has become the big end of business, and it stands to reason if the big end of the business is sick, the remainder of the business body cannot long remain well.

That is what is increasing the army of unemployed.

Samson destroyed himself as well as his enemies when he pulled down the pillars of the temple.

The public service companies are suffering from a lack of confidence on the part of the investing public in their safety and stability.

It is an often heard complaint that they are overcapitalized and that stock is watered.

This is partly true in some cases, but is largely due to laws made to harass rather than to help corporations.

All the pioneers in public service know to their sorrow that when a demand had first to be created for the service, all the so-called securities were liquid, and a buyer of bonds was not an investor, but a hold speculator.

If the tide took him in, he was successful, if it took him out he was a wreck.

Corporations were and are obliged to lay a large foundation to meet the conditions of growth, and are obliged to make their provisions in the start of the business for future growth, due to the cumbersome corporation laws, that make enlargement so difficult.

There has been forced on them the combination of small corporations, that were organized to meet the small demands for service in the beginning, and these companies must be kept alive and fully organized until the last of their obligations have been met.

Thus the holding company, interlocking directorates and affiliated companies, under the corporation laws, become a necessity.

It has been made more and more onerous and difficult to incorporate companies and to transact corporate business, the idea being to harass and discourage rather than to aid corporate investment.

All of these things have made it more difficult to finance these concerns, reconstituting stock bonuses, but none of the obstacles of law are so potent as the fear on the part of the investing public that they will be ground to powder between the upper and nether millstones of commission regulation

and municipal rate fixing.

This condition of financial instability may not seem to be of much interest to the consumer of public service, but in the end the consumer will pay for the ruinous sacrifices the public service company has had to make in order to deliver the service.

With the settled condition that would be brought about by the complete regulation of policies and income by a just tribunal, the finances of the companies should be so vastly improved that it would be possible to sell their securities at or near par in the open market, for they would then be sought as a safe investment, rather than as a speculation, the contract for works could be let to the lowest responsible bidder, and the company and the public through it would have the full value of the economy in cost in the reduced cost of the service.

The condition of the public service company may be justly compared with that of a snake trying to crawl through a hole under a high wall, the public service commission punching it on the tail to speed it up, the public on the other side heating its head off.

To give good service, the public service company must be properly sustained, it cannot be expected to furnish the best service at the best economy under the strain of fear of annihilation of the values of its securities.

And under the present conditions this fear is ever present for there are so many people that would like to use the machinery of municipal competition to wreck the privately owned public service company.

This effort is now being made in the two largest municipalities in the state and many of the best citizens have their sense of honor so eclipsed by petty spite, that they think it a square deal.

This desire on the part of the people to get the public service in some lines into the ownership of the municipality is due on the part of many who know they will have to pay more for poorer service, to their antipathy to the public service company.

It is due on the part of many more, who honestly believe on account of representations made to them that there will be a lower rate and better service, even though they know the investment and operating expense will be higher.

It is a hope that some way, some one else will have to carry their burdens.

All the experiments thus far made with the municipal ownership have proven that municipal public service costs more to somebody than privately owned public service.

The reason that in some cases it appears to be cheaper is because of the method of distribution of costs by the bookkeeping methods employed. The burden is not so fairly distributed, as the tax deficit must be borne by the property owner, who may not even be a consumer of public service.

Competition in public service between a municipal and privately owned public service company is unfair and expensive, both to the public service company and the municipality.

It should be made possible by a law giving such power to the railroad commission as to prevent competition between a municipality and a privately owned public service company.

At least such municipal public service as is in competition with privately owned public service in the same line should be regulated by the railroad commission.

Another phase of the situation to which the above leads, and that is that competition between regulated privately owned public service companies is not only unnecessary, but is wasteful.

Though the Federal Government, through the Sherman law, is trying to create a condition of artificial competition by the trust busting methods, its acts so far have not been shown in any increase of efficiency or decrease in cost of the products of the busted trusts.

It would be far wiser were a law enacted by the congress to begin at the seat of the trouble and regulate the trusts as to their financial stability and the prices of their products to the public, and thereby make the present big business securities a safe investment for the many, rather than to try to scatter the evil, only to add to the cost of their administration and reduce their ultimate efficiency.

The need of competition between the public service companies in the same market is entirely removed where the finances, the rates and the quality of service are all regulated by a public service commission.

It should be the policy of the public and of the public service commissions to encourage combinations in the same natural field, for this all tends towards and leads to, a reduction of the cost of the public service both by the reduction of the overhead costs, and also by the removal of unnecessary duplication of plant.

Competition and duplication in telephone service particularly is not only utterly under regulation, it is a crime against the common people. The removal of competition should also add to the element of financial security and lead to the economy of extension of service, that can be had only with financial stability.

A sane state regulation removes any excuse for the foolish, impractical and drastic regulations imposed on the development of water power in the forest reserves by the officials of the Federal Government.

The people of the states where the public utilities are commission regulated are only hampered by these Federal regulations, and the Federal regulations of water power development should be discontinued in all such states.

These regulations are intended to cover the same jurisdiction as that of the public service commission, but they are unsettling of the financial standing, owing to the revoking clause, and are based on the Federal policy of preventing combination, which is also bad.

The people of the state should not be obliged to pay the Federal Government for the use of its own water, for this is what the forest service charges amount to.

No water power is worth anything to anyone not connected with an extending power company, for the reason that it is the policy of the railroad commission to prevent competition except as a matter of public convenience and necessity.

This policy is not only right as tending to stabilize the existing companies but it is to the interest of the public as well.

There will be no new water power development in California for general distribution, except by some one or other of the existing companies, and there should not be.

As time goes on, more and more of the necessities and comforts of life that are subject to general distribution will come under the head of public service, for there is a constant accretion of inventions that at first are luxuries and finally become by use necessities, and their general distribution make them public service.

The rates as well as the finances of the public service companies should be regulated by the railroad commission, because it is the only fair tribunal capable of coming to a just decision as to the relations of the public service companies to the public and the public to the public service companies; because it is the only way that confidence can be restored in the public service securities, and stability given to the investment; because this stability insures to the benefit of the consumer who will thereby receive the maximum of service at the minimum cost; and because the public needs protection from the exactions of the public service companies, and the public service companies need to be protected from the avarice of the public.

FIGURING BRICK WORK IN BUILDING CONSTRUCTION.

The cost of brick work must, of course, vary considerably owing to the wage scale and the cost of bricks, sand, lime and labor. The rather arbitrary rules figured by masons to ascertain the cost may serve as a general guide in figuring out estimates, but they are frequently far off the actual cost. The only sure way for taking up the problem intelligently is to study all the various items carefully, and then making estimates for the particular job based on this data. If one is considering a job of any size great care should be exercised in verifying these figures.

In making such estimates the cost should be made first on the materials and then on the labor, including all incidental expenses. A rule that is adopted by engineers for brickwork is to figure on 14 bricks per square foot of 9-inch wall, and 21 bricks per square foot of 13½-inch wall, making deductions for all openings. This means an allowance of 7 bricks per square foot for each half-brick thickness of wall.

If we accept this method of figuring we have 48 square feet of 12½-inch wall for each thousand bricks, or practically 2 cubic yards. This frequently taken as the standard unit of measurement. Masons, however, usually figure on 22½ bricks per square foot of 12-inch wall, which includes all openings and corners.

In former years manufacturers of bricks had a few standard sizes, and it was much simpler to apply the arbitrary rules for estimating by the thousand; but today the size and thickness of bricks varies considerably, and the tendency is to increase the number. The unit of measurement must, therefore, show wide variations in dif-

ferent localities. The average size of bricks is generally placed at 8¼ to 8½ inches long, 4 inches wide and 2¼ to 2½ inches thick. But there are plenty of bricks both larger and smaller than this size. Some in New York are used as small as small as 7½x3½x2 inches, and as large as 9x4½x2½ inches. The larger size with joints will lay up 800 to the thousand in a wall of standard measurement, and the small size 1100 and more to the thousand-brick measurement.

Variation in Prices of Brick.

Bricks vary in price as much as in size, and while \$6.50 to \$7 per thousand may be the average price at the yard, they may in some instances cost \$8 to \$10 per thousand or seconds as low as \$6 per thousand. The quality of the bricks must be clearly specified before any figuring can be undertaken. The cost of getting the bricks delivered varies greatly, depending upon conditions. Usually in cities where brick-yards are near the manufacturers charge a uniform price for delivery. If shipped by train from the brick-yards, the cost of freight, unloading and hauling must all be added to the cost of the materials. These charges may amount to several dollars per thousand in some localities. The conditions of the streets and roads makes an important factor in the situation. For instance while a team may haul 1500 bricks as a load across good city streets, the same team could barely haul more than 500 bricks over rough dirt roads of the country. All these factors must be considered before the contractor can place an estimate to yield a profit.

The cost of mortar and scaffolding required should next be taken up. Of course, the amount of mortar used depends upon the thickness of the joints, and the joints vary a good deal in different classes of work. Taking the standard joints as a guide the amount of mortar required per thousand bricks will be as follows:

With ¾-inch joints, ¾ cubic yard mortar. With ½-inch joints, ¾ cubic yards mortar. With ¼-inch joints, 4-5 cubic yards mortar.

The amount of mortar needed being ascertained, it is next wise to proportion the ingredients so that orders can be placed accordingly. Lime mortar is used today only in the cheaper class of structures, and it should never be used in any heavy work, neither should it be used when exposed to great dampness. In engineering structures and in underground work all cement mortar is frequently specified and used. But for the majority of jobs sand and Portland cement in the proportion of 1 to 3, 4 or 5 are used for the mortar. To make up a cubic yard of 1 to 3 mortar there will be required .55 cubic yard of sand and 2 barrels of Portland cement or lime. Usually both lime and cement are used with the sand, but these vary considerably in proportion. One part lime, one part cement to six parts sand is a common specification.

One reason why one part lime is generally added with the cement is that it makes the mortar much easier to work with, and in the cost of labor this amounts to considerable. In the modern efficiency movement attention must be given to such little details. A bricklayer working with cement mortar

lays fewer by and bricks in an hour than if he used mortar softened with one part lime.

For a cubic yard of mortar then, with sand at 50 cents per cubic yard, lime at 50 cents per barrel and cement at \$1.75, we would have about the following costs with a proportion of 1 in 3 lime mortar:

Sand, .85 cubic yards, at 50c, \$0.43; 2 barrels lime at 50c, \$1.00; total, \$1.43.

A richer and better formula of lime, cement and sand in the proportion of 1 to 2, would have the following cost:

Sand, .85 cubic yards, at 50c, \$0.43; 1 barrel lime at 50c, \$0.50; 1 barrel cement at \$1.75, \$1.75; total, \$2.68.

For a stronger cement commonly used for engineering and underground work with a proportion of 1 to 3, we would have this:

Sand, .85 cubic yards, at 50c, \$0.43; 2 barrels cement at \$1.75, \$3.50; total, \$3.93.

The cost of sand is purely arbitrary and cannot be fixed. It can often be obtained for the cost of carting, but it rarely costs as much as \$1 per cubic yard. However, this must be considered for each locality, and prices obtained before any estimates are put in.

If 1000 bricks of 8½x4x2½ inches were piled up solid without mortar, they would occupy 1.65 cubic yards of space. If the bricks cost \$6.50 per thousand a cubic yard of them would cost then approximately \$3.96. This comparison will enable one to see at a glance the relative cost of bricks and mortar. In the case of the cement mortar the cost of bricks would be practically the same as the mortar, but for lime, cement and sand mortar the cost of the latter would be about one-third less than the bricks, and for plain lime mortar the difference in the cost is more striking.

Having analyzed the cost of materials, so that the estimator can get clearly in mind the relative amount and cost of the various ingredients of his trade, the labor cost should next be taken up. Labor is the one item that makes brick laying so expensive in some parts of the country. The cost of materials are fairly constant throughout the country, but labor is not. This varies as greatly as the efficiency of the men themselves. High wages do not always mean high-grade, efficient workmen.

Bricklayers are paid all the way from 50 and 75 cents and more per hour. Probably 60 cents is as near the average paid throughout the country as can be made. Hod carriers' and masons' helpers, who keep the bricklayer supplied with mortar and building scaffolds, receive from 30 to 45 cents and more per hour. These rates vary so materially that one can never figure on a job in another town or state without knowing exactly beforehand the union scale of wages prevailing there. It is never safe to assume that the same wages are paid in any two places. Many a contractor has lost heavily on contracts simply through failure to ascertain in advance the exact scale of wages prevailing in certain towns both for masons, laborers, hod carriers and carpenters. Figured on wage scale basis, one might ask how much does labor cost per thousand bricks.

Cost of Labor per M Bricks.

The answer to this depends upon the

ability and efficiency of the men and the amount of work the contractor can be laying of 50 bricks by a man may be considered a good day's work, the get from them in a day. While working on narrow piers and projections, average on a 9-inch wall may be at the rate of 1100 to 1400 in a nine-hour day. On 13-inch walls the average should run as high as 1300 to 1600 bricks, and on an 18-inch to 22-inch wall from 1500 to 2500 bricks in nine hours per man. On heavy foundations where the work is the simplest, it is not uncommon for bricklayers to average 3,000 bricks a day and even 5,000 bricks have been laid by bricklayers when rushed.

On buildings equipped with an elevator and distributing arrangements, the labor of laying bricks may be as low as \$1 per thousand, but on high buildings and narrow walls the labor may run all the way from \$2 to \$4 per thousand. The cost of scaffolding must be considered in all such contracts, for this takes labor and materials. A carpenter must be employed for scaffold erection at rates ranging from 20 to 40 cents per hour. The carpenters may be withdrawn from some other part of the building to erect the scaffolds, but the charges for their time should be placed to the cost of bricklaying. It hardly pays to get masons or masons' helpers to erect the scaffolds. They do the work clumsily, and oftentimes in such a way that the scaffolds are dangerous. Besides this it takes them much longer to do the work than a skilled carpenter. Hod carriers and mortar men are better at it at their particular jobs, and it rarely pays to attempt to turn them to another skilled trade even in emergencies.

The cost for laying a cubic yard of bricks in a wall may then be figured out as follows:

Materials.

459 bricks at \$7 per M.....	\$2.84
Freight on bricks .....	.56
1/4 cubic yard sand .....	.11
1/2 Freight on sand .....	.06
0.22 bbl. of cement at \$2 per bbl. ....	.44
1 bu. lime at 20 cents .....	.20

Total

Labor for Cubic Yard of Wall.

Bricklayers	\$2.62
Laborers .....	.93
Carpenters .....	.39
Unloading materials .....	.58

Total labor

Total materials

Labor and materials

As 1000 bricks of the average size when piled up solid without mortar makes practically 1.65 cubic yards and the amount of mortar used for good joints increases this pile so that the thousand bricks when laid up in a wall equals about two cubic yards, it will be seen that doubling the above estimate for each cubic yard of wall we have the cost per thousand bricks at \$17.46, which includes all materials and labor.

The work figured by the ordinary rules for a snap estimate will be a few dollars under this estimate. But a snap estimate is never intended to be more than a guide. Masons generally employ the ordinary rule and then add a dollar or two to make sure of coming

out even. There are many things which interfere with the proper working out of the rules. The character of the wall, time lost through the non-delivery of materials, interruptions of one thing and another, and faulty work of some bricklayers which necessitates tearing down a part of the work, all tend to increase the cost. On the other hand some contractors can stimulate their men to such efforts that they can get one-third more work

out of them. This, however, is something, that is very uncertain, and can hardly be placed in the calculations. Good work is essential to the success of a mason contractor, and he cannot afford to drive his men to the point that details are overlooked. Masonry must be sound, plumb in line and well set throughout to pass inspection, and a fault here and there in the walls may be sufficient to condemn the whole wall or building.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 7 story and base, reinforced concrete. Cost not stated. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner's name withheld. This building will be erected on Powell street near Washington area. Construction will be practically fireproof. Interior will be arranged for a large number of two, three and four room suites. Pine and hardwoods will be used in the interior finish. Plans provide for steam heat, elevator service, vacuum cleaning, a hot water supply and dumb waiters. All suites will have wall beds and private baths. Bath rooms will have composition floors and tile wainscot. Main entrance lobby and reception hall will be finished in hardwood with ornamental plaster. Entrance will be finished in tile and marble. Exterior of the building will be faced with cement plaster and pressed brick. Plans are being prepared.

SAN FRANCISCO—Apartment house, 2 story and base, frame, \$10,000. Architect, none. Owners, Mr. and Mrs. Kohly, represented by J. Prout, 2020 Turk street, S. F. The building will be erected on the south side of Fulton street west of Broderick, and has been designed to contain four modern apartments of three and four rooms each. Interior finish will be of pine and redwood. Oak floors will be used in the dining rooms. All suites will have wall beds and private bath rooms. Bath rooms will have composition floors and tile wainscot. Automatic water heaters will be installed. Each living room will have an open fire place with tile mantel. Entrance will be finished in tile and marble. Exterior of the building will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor under the direction of Mr. Prout.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$25,000. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner's name withheld. The building will be erected on Mission street, and has been designed for stores on the first floor and a number of two and three room suites on the upper floors. All suites will have wall beds and private bath rooms. There will be a steam heating system and hot water supply. Interior finish will be of pine throughout. Bath rooms will have composition floors and tile wainscot. Patent store fronts are

specified. Exterior of the building will be covered with rustic, shiplap and cement plaster on metal lath. Plans are now being prepared.

TACOMA, WASH.—Apartment house, 4 story and base, brick and steel, \$135,000. Architects, Heath & Gove, National Realty Bldg., Tacoma. Owner's name withheld. The building will be erected at the corner of 13th and C streets, covering a considerable area. There will be a total of twenty-two suites of from two to five rooms. Interior finish will be of pine and hardwood with some oak floors. Plans provide for steam heat, elevator service, a vacuum cleaning plant and hot water supply. Bath rooms will have tile wainscot and composition floors. Wall beds will be installed in all apartments. Exterior of the building will be faced with pressed brick and terra cotta. Plans will go out for figures within thirty days.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick and steel. Cost not stated. Architects, R. D. King and E. C. Taylor, Consolidated Realty Bldg., L. A. Owner, Elias Sheddouy. The building will be erected on a corner site covering an area of 50 by 130 feet. There will be three stores on the first floor and a total of 65 rooms arranged in two and three room suites on the upper floors. Interior will be finished in pine throughout. There will be steam heat, a hot water system and vacuum cleaning. Patent store fronts and plate glass windows are specified. Bath rooms will be finished in tile and will have composition floors. Wall beds will be used in all apartments. Exterior of the building will be faced with pressed brick. Plans are being prepared and when complete the work will be done by Day Labor.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 2 story and base, brick, \$20,192. Architects, Buchanan & Brockway, 65 North Raymond avenue, L. A. Owner, F. De Witt Smith. Contractor, William C. Crowell, Chamber of Commerce Bldg., L. A. Contract price, \$20,192.

♦ BAKS.

Contracts Awarded.

REDONDO BEACH, LOS ANGELES CO., CAL.—Bank, 2 story and base. Class A construction, \$17,600. Architect, L. B. Pemberton, Auditorium Bldg., L. A. Owners, Farmers' and Merchants' Bank. Contractor, Carl Leckardt, H. W. Hellman Bldg., L. A. Contract price, \$17,600.

BATH HOUSES.

SAN RAFAEL, MARIN CO., CAL.—Bath house, 1 story, reinforced concrete. Cost not stated. Architect, Thomas O'Connor, 104 B street, San Rafael. Owners, City of San Rafael. This work has been mentioned here before when plans were being prepared. Working drawings have been completed and received the approval of the City Trustees and figures are now being called. Bids will be opened on February 9th. Plans and specifications can be secured from the architect. Construction will be of reinforced concrete throughout. Exterior will be faced with cement plaster. Mechanical equipment, modern bath house plumbing and electric work will be included in the general contract.

BRIDGES, DAMS AND HARBOR WORK.

SAN FRANCISCO—Wharf construction, timber and pile. Cost not stated. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Plans for the construction of Pier No. 54, which will be erected on the waterfront south of the Ferry Building, have received the approval of the State Board of Control and are now out for figures. The structure will be similar to several of the new piers with timber piles and heavy timber superstructure. Plans can be secured from the Assistant State Engineer, Ferry Building. Bids will be opened by the Board of Harbor Commissioners on February 11th. An official proposal appears in another column of this issue.

TACOMA, WASH.—Bulkhead and wharf, \$100,000. Engineer, City Engineer, Tacoma. Owners, City of Tacoma. Bonds in the sum of \$100,000 will be voted on at the general election in April for the construction of a bulkhead and wharf at Old Town. Preliminary plans are now being prepared by the City Engineer. Further mention will be made of the work.

SEATTLE, WASH.—Bridges, steel and concrete construction, \$1,830,000. Engineer not selected. Owners, City of Seattle. At a meeting of the City Council an ordinance was passed providing for the submission to the voters on March 3rd of a bond issue in the sum of \$1,830,000 for the construction of bridges over the Lake Washington Canal and the East Waterway.

Contracts Awarded.

SAN FRANCISCO—Wharf office, frame construction, \$2,800. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Contractor, Joel Johnson. Contract price, \$2,800. Note: A complete list of the figures received for this work appears under the heading of San Francisco in this issue.

CHURCHES.

SAN FRANCISCO—Church, 2 story and base, semi-ironproof construction, \$20,000. Architect, John J. Foley, 46 Kearny street, S. F. Owners, St. Emidius Parish, Rev. Father J. Hartnett. Working drawings are now being prepared for the church edifice which is to be erected in the newly created parish of St. Emidius in Englewood. The

design is in the Tudor Gothic style, the building being built in the shape of a cruciform with transepts. There will be a main auditorium seating in the neighborhood of 600 people, Sunday school rooms and social hall. Interior finish will be of pine and oak with ornamental plaster. Art glass windows and a marble sanctuary will be used. Exterior of the building will be faced with cement plaster. Bids will be called for shortly.

SAN FRANCISCO—Church, 2 story and base. Class A construction, \$75,000. Architect, W. J. Wythe, Central Bank Bldg., Oakland. Owners, Central Methodist Church. The building will be erected on property adjoining the present Sunday school rooms at the southwest corner of Leavenworth and O'Farrell streets. The main auditorium will seat about 1,000 people. Interior will be finished in pine and hardwood with considerable ornamental plaster. Steam heat will be installed. Art glass and marble are specified. Exterior of the building will be faced with Colusa Sandstone. Plans are nearly complete.

VENICE, LOS ANGELES CO., CAL.—Church, 1 story, tower and base, brick, \$10,000. Architects, C. H. Russell & Co., Union League Bldg., L. A. Owners' name withheld. The building will be erected on Innes street and will contain a main auditorium seating 350 people, Sunday school rooms and pastor's study. A hot air system of heating will be installed. Interior finish will be of pine. A tower containing a set of chimes will also be erected. Exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Mission building, 3 story and base, brick and steel. Cost not stated. Architect, Robert H. Orr, Van Nuys Bldg., L. A. Owners, Christian Church, Department of Women's Home Missions. The building will be erected on Wall street, and has been arranged for a chapel, offices and class rooms on the first floor, 20 bed rooms on the second floor and six suites of three rooms each on the third floor. Interior finish and floors will be of pine. There will be steam heat and a hot water system. Exterior of the building will be faced with pressed brick. Working drawings are being completed and figures will be taken in the spring.

Contracts Awarded.

SEATTLE, WASH.—Mausoleum, 1 story, reinforced concrete, \$750,000. Architect, Marbury Somervell, White Bldg., Seattle. Owners, Northwest Mausoleum Co. Contractors, Cornell Bros., Savage-Scotfield Bldg., Seattle. Contract price, \$750,000.

FACTORIES & WAREHOUSES.

OAKLAND, CAL.—Oil refineries, tanks, pipe line, office, etc., \$150,000. Engineer, Engineering Department Pacific States Oil Refineries Co., 110 Sutter street, S. F. Owners, Pacific States Oil Refineries. Plans are now complete for rehabilitating the plant recently destroyed by fire. Architect, Walter H. Parker, Holbrook Bldg., has prepared plans for a warehouse, corrugated iron construction 200 by 100 feet, and for an office building, one story frame construction, which will

be erected at once by Day Labor. Included in the plans for the mechanical equipment are a number of large steel tanks, pipe and pipe lines, pumps, condensers and stills. Practically all work will be done by Day Labor. Full particulars can be secured from the San Francisco offices of the owners.

Contracts Awarded.

GRESHAM, ORE.—Motor car factory, 1 story and base, reinforced concrete, \$25,000. Architect, P. Chappell Browne, McHawk Bldg., Portland. Owners, Beaver Motor Car Co., Lumbermen's Bldg., Portland. Contractor, James P. Taylor, Couch Bldg., Portland. Contract price, \$25,000. Note: This is the first unit of a large plant which is to be erected this year.

COLTON, SAN BERNARDINO CO., CAL.—Factory, 1 story, brick, \$14,000. Architect, Lyman Farwell, Story Bldg., L. A. Owners, Hydraulic Truck Co. Contractor, H. M. Holloway, Wilcox Bldg., L. A. Contract price, \$14,000.

LOS ANGELES, CAL.—Brewery addition, 4 story, brick and steel, \$15,000. Engineers, Mayberry & Parker, Pacific Electric Bldg., L. A. Owners, Los Angeles Brewing Co. Contractor, Harry C. Brown, 1666 Westmoreland avenue, L. A. Contract price, \$15,000.

FIRE HOUSES AND JAILS.

BERKELEY, ALAMEDA CO., CAL.—Fire houses, 3, 2 story and base, frame. Cost not stated. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, City of Berkeley. These buildings will be erected in North Berkeley, South Berkeley and Claremont. Each station will provide space for one piece of apparatus and sleeping quarters for the men. Interior finish will be of pine throughout. Modern plumbing and electric work will be installed. Exteriors will be faced with cement plaster on metal lath. Plans will be completed shortly and figures will be called. Further mention will be made of the work at that time.

FLATS.

SAN FRANCISCO—Flats, 3 story and base, frame. Cost not stated. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner's name withheld. The building will be erected on the north side of Pacific avenue near Taylor street, covering an area of 25 by 62 feet. Plans show three modern flats of five rooms each. Interior finish will be of pine with some elm panels and oak floors. Each living room will have a large open fire place with brick or tile mantel. Bath rooms will be finished in tile and will have composition floors. Automatic water heaters will be installed. Entrance to the building will be finished in marble and tile. Exterior will be covered with cement plaster on metal lath. A pressed brick veneer base is specified. Plans are complete and figures are being taken for the work.

SAN FRANCISCO—Flats, 2, 2 story and base, frame. Cost not stated. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owner's name withheld. These buildings will be erected on adjoining property on California street near 21st avenue, and each building will contain two flats of four rooms

each and a basement garage. The rooms have been designed so as to give the largest possible amount of space and will receive sunlight from all sides. Interiors will be finished in pine and hardwoods with oak floors in the living and dining rooms. Bath rooms will have composition floors and tile wainscot. Entrances will be finished in marble and tile. Each living room will have an open fire place and tile mantel. Electric heaters and tile mantels will be used in the bed rooms. Exteriors of the buildings will be covered with rough cement plaster on metal lath. Clay tile cornices will be used. Plans are complete and figures are being taken.

GARAGES.

SAN FRANCISCO—Garage, 1 story and base. Class C construction. \$10,000. Architect, Matthew O'Brien, Foxcroft Bldg., S. F. Owner, J. J. McEgan. The building will be erected on the south side of Pine street west of Fillmore, and has been designed for a commercial garage. There will be a cement floor, metal window sash and frames and special gasoline storage tanks. Interior will be finished in pine. Besides the storage space plans provide for a large well equipped machine shop. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken.

Contracts Awarded.

SEATTLE, WASH.—Garage, 2 story and base, brick, \$30,000. Architect, nre. Owners, Waterhouse-Sands Co., Seattle. Contractors, Sound Construction and Engineering Co., Lowman Bldg., Seattle. Contract price, \$30,000.

GOVERNMENT WORK AND SUPPLIES.

PROSPECTIVE BIDDERS.

Supervising Architect.

Specifications for work under the office of the supervising architect have been furnished to the following firms in addition to those previously noted in these columns:

Berkeley, Cal., Construction, Feb. 18. J. H. Wiesse, City National Bank Building, Omaha, Neb.

Grant Fee, San Francisco, Cal. Spaulding Construction Co., San Francisco, Cal.

Flinth & Morton, 189 Jessie street, San Francisco, Cal.

Campbell Building Co., Salt Lake City, Utah.

King Lumber Co., Charlotteville, Va. Thurston & Co., San Francisco, Cal. A. T. Spencer, 180 Jessie street, San Francisco, Cal.

Frank Gallagher, 180 Jessie street, San Francisco, Cal.

Roberts, San Francisco, Cal. Frederick J. Amweg, Marston Building, San Francisco, Cal.

Bonerville, Mo., Construction, Feb. 11. The Potters Lumber Co., East Liverpool, Ohio.

C. W. Bernsing, 612 Massachusetts Building, Kansas City, Mo.

Hiram Lloyd Building and Construction Co., 503 Odd Fellows Bldg., St. Louis, Mo.

J. H. Wise, 1301 City National Bank Bldg., Omaha, Neb.

John G. Unkefer, Minerva, Ohio. Thomas W. Cissel, 220 S. Market street, Wooster, Ohio.

George W. Stiles Construction Co., 1036 Rookery Bldg., Chicago, Ill.

General Construction Co., 21st and Galena streets, Milwaukee, Wis.

James Corse, 506 Robinson Bldg., Racine, Wis.

Rogers & Kaiser, Peoples Gas Bldg., Chicago, Ill.

N. H. Shields, Baum Bldg., Danville, Ill.

Richards, McCarthy & Pulford, Hartman Bldg., Columbus, Ohio.

L. N. Wyatt, Columbus, Ohio. E. E. Cassidy, Columbus, Ohio.

King Lumber Co., Charlottesville, Va. W. H. Fissell & Co., 1133 Broadway, New York City.

Walla Walla, Wash., Files.

The contract for installing book and file case in the U. S. post office at Walla Walla, Wash., has been awarded to Davis-Kaser Co., Walla Walla, Wash., at \$514.92.

Pearl Harbor Dry Dock Investigation.

When Secretary Daniels appears before the House Naval Committee, he will be prepared to give some interesting information concerning the investigation which has been conducted concerning the disaster which overtook the big dry-dock at the Pearl Harbor naval station. The best obtainable information shows that the accident was due to the failure to place piles of sufficient length to withstand the pressure. The question before the naval committee has been one which aims to fix the extent of the responsibility of the dock builders on account of a clause inserted in the contract making them responsible to a certain degree. The Navy Department authorized modifications in the design, and it must be determined whether the government is sufficiently responsible in the matter to warrant payment to the contractors of a certain sum of money. It is desired that the work shall be completed by the builders who have undertaken the project. Already one year's work has been lost on account of the accident and the delay to make the necessary investigation and to adjust the claims of the contractors. It will also be necessary to have an additional appropriation of what amount remains to be determined. That is one of the aspects of the situation which will be brought out by Mr. Daniels in his hearing on the subject.

Phoenix, Ariz., Files.

The following bids were received by the custodian, U. S. post office and court house, Phoenix, Ariz., for installing filing equipment in the U. S. weather bureau, Phoenix, Ariz.:

The Shaw-Walker Co., Muskegon, Mich., \$87.20.

Automatic File & Index Co., Green Bay, Wis., \$91.25.

The Globe-Wernicke Co., Washington, D. C., \$102.50.

Dorris-Heyman Furniture Co., \$126.45.

The Canton Art Metal Co., Canton, Ohio, \$147.90.

Art Metal Construction Co., Jamestown, N. Y., \$158.

The Van Dorn Iron Works, Cleveland, Ohio, \$201.60.

Civilian Navy-Yard Management.

There is an animated revival of the discussion among members of the House Naval Committee of legislation which shall touch in a vital way on the management of navy yards. When Secretary Daniels appears before the committee in the course of the next week or two he will be asked to give his views on the subject. He has been looking into the problem and has had the benefit of the advice of Mr. E. H. Evans, formerly an officer of the naval construction corps, who resigned to accept a position with a shipbuilding concern on the west coast. Mr. Evans, who is regarded as an expert on organization and management, has not only talked with Mr. Daniels, but has seen members of the House Naval Committee, and is understood to be at work on a measure which will provide for civilian management of navy yards. Some of the members of the committee who were on the inspection trip of navy yards last summer entertain decided views as to the need of a change in the system, but they have found that there is by no means unanimity of opinion entertained by officers of the service and others who may be regarded as in a position to know what is best to be done. Mr. Daniels has not signified his own views and will probably withhold his opinion until he appears before the naval committee.

Reno, Nev., File Case.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for furnishing one steel file case for the U. S. post office at Reno, Nev.:

Typewriter and Office Supply Co., Washington, D. C., \$311.85; 60 days.

Crown Metal Construction Co., Jamestown, N. Y., \$369.40; 60 days.

Berger Mfg. Co., Canton, Ohio, \$366; 75 days.

Watson Mfg. Co., Jamestown, N. Y., \$397; 70 days.

Invincible Metal Furniture Co., Monroe, Wis., \$430; 90 days.

General Fireproofing Co., Washington, D. C., \$463.67; 75 days.

Art Metal Construction Co., Jamestown, N. Y., \$467.25; 60 days.

The H. H. Shults Co., Gowanda, N. Y., \$469.50; 90 days.

Bernstein Mfg. Co., Philadelphia, Pa., \$498.60; 20 days.

Metal Office Furniture Co., Grand Rapids, Mich., \$498.60; 60 days.

Steel Fixture Mfg. Co., Topeka, Kan., \$518; 90 days.

O. M. Edwards Co., Syracuse, N. Y., \$575; 60 days.

Hilo, H. T., Construction.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for the construction (including plumbing, gas piping, electric wiring and approaches) of the U. S. post office, custom house and court house at Hilo, Hawaii:

Alternate No. 1. Substituting granite and limestone for the lava stone required for the building.

No. 2. Substituting granite and sandstone for all lava stone required for the building.

Campbell Building Co. of Utah, Salt Lake City, Utah, \$196,922; alternate 1, no addition; 2, no deductions.

Sound Construction & Engineering

Co., Lowman Building, Seattle, Wash., \$207,932; alternate 1, deduct \$2,780; 2, deduct \$3,780.

Lord-Young Engineering Co., Ltd., Honolulu, H. T., \$237,590; alternate 1, deduct \$9,030; 2, deduct \$13,800.

Spalding Construction Co., Riako Building, San Francisco, Cal., \$237,939; alternate 1, add \$4,000; 2, none.

Frank Gallagher, 180 Jessie street, San Francisco, Cal., \$239,950; alternate 1, add \$7,240; 2, add \$3,020.

W. N. Concanon Co., 525 Market street, San Francisco, Cal., \$235,000; alternate 1, deduct \$7,300; 2, no bid.

General Construction Co., Milwaukee, Wis., \$281,000; alternate 1, \$17,745; 2, deduct \$14,270.

Alameda, Cal., Vault Shelving.

The contract for installing metal vault shelving in the U. S. post office at Alameda, Cal., has been awarded to the H. H. Shults Co., Gowanda, N. Y., at \$137.

Pocatello, Idaho, Post Office.

The contract for the construction, including plumbing, heating apparatus, gas piping, conduits, wiring, interior lighting fixtures, and approaches, of the U. S. post office and court house at Pocatello, Idaho, has been awarded to Palmberg & Mattson, Astoria, Ore., at \$93,575, using Boise sandstone for all stone work except where granite is required; time to complete, July 5, 1915.

Puget Sound, Quay Wall.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for the construction of a quay wall at the U. S. naval magazine, Puget Sound, Wash.:

Item 1, number of linear feet of wall proposed to be built within the amount available (see par. 41) in accordance with the plans and specifications, measured on the front edge of the wall coping, beginning the measurement at the point marked "X," as shown on sheet No. 1, the distance from "X" to "Y" to be considered 413 feet; item 2, under this item bidders may submit proposals for the complete work in accordance with the spirit of the specifications, but with such modifications of methods and details as they desire, provided all such modifications are fully specified or indicated upon plans accompanying the proposal.

B. J. Eriksen, 5011 Meridian avenue, Seattle, Wash., item 1, \$980 feet; 2, \$23,910.

H. A. Hatfield, 411 Washington street, Bremerton, Wash., item 1, \$900 feet; 2, \$19,824.

Ford Bros., 92 Front street, Bremerton, Wash., item 2, \$13,492.40.

T. Ryan & Co., 1st and Cherry streets, Seattle, Wash., item 1, \$935.35 feet.

David Levergreen, Seattle, Wash., item 1, 900 feet; 2, \$18,000.

L. L. Lent, Bremerton, Wash., item 2, \$12,936.

The North Coast Contract Co., Portland, Ore., item 1, \$592 feet.

Fortifications for Guam.

No estimates were prepared this year by the War Department for fortifications in our insular possessions, excepting in the Hawaiian Islands and the Philippines, but attention is being given to the installation of defenses at Guam and Guantanamo. Nothing has

been recommended for Alaska, and there has been no study by the military officials for defenses for the territory for the last two years. At the suggestion of the Navy Department a survey is now being made of Guam, the Navy Department having in contemplation the establishment of a coal and oil depot there. There has been no approved project made for the defense of Guam, and the problem is yet to be taken up in detail by the War Department, which has, however, taken up the Guantanamo project and given it very careful consideration. The development of Guantanamo defenses depends largely upon the policy of Congress respecting the increase in the facilities for the naval base at that place.

Navy Coal and Fuel-Oil Stations.

The Navy Department has completed its plans for next year's expenditure of \$500,000 if Congress appropriates that amount for the development of coaling stations and fuel-oil stations for the navy. The naval general board has submitted a report to the Secretary showing in what direction and relative order of importance the money should be expended. This is as follows: 1, contingent, \$30,000; 2, San Francisco, storage, \$100,000; 3, San Diego, storage, \$20,000; 4, San Diego, coaling tower, \$15,000; 5, Puget Sound, storage, \$105,000; 6, Norfolk, storage, \$150,000; 7, Melville, storage, \$20,000; total, \$500,000.

The most important item, considering the amount involved, is that for three additional 7,000-ton fuel-oil tanks contemplated at Norfolk, increasing the total storage at that place to 26,000 tons of fuel-oil. The navy is maintaining a small supply of coal at San Diego (about 10,000 tons at this time). The department desires to increase this to 50,000 tons stored in the open. At present there are no mechanical appliances for handling coal. The installation of the tower will provide means for handling the coal rapidly and economically. The station is now provided with a suitable wharf on which the tower can be erected. Coal will be handled to and from the storage pile by small cars. At the present time the navy has no oil storage in San Francisco Bay or at Mare Island, except a small storage at the latter place for industrial purposes. The matter of a suitable site is under investigation, but it is uncertain whether a proper site can be found on land belonging to the department. The commandant of the Mare Island yard has prepared a comprehensive report on the existing commercial facilities in San Francisco Bay and recommendation for the location of a naval plant.

Navajo Indian Reservation, Bridge.

The contract for the construction of a steel trestle bridge across the San Juan River, Navajo Reservation, N. Mex., has been awarded to the El Paso Bridge and Iron Co., El Paso, Texas, at \$14,725.

San Francisco, Cal., Repairs.

The contract for repairs to ram elevator at the U. S. Mint, San Francisco, Cal., has been awarded to Otis Elevator Co., Washington, D. C., at \$570.

Coal Barges to be Built at Navy Yards. Secretary Daniels has taken an im-

portant step in the line of his policy to furnish as much work as possible at the navy yards. He has obtained estimates from each navy yard on the Atlantic and west coasts and has now authorized the construction of 22 500-ton steel coal barges, of which from two to four will be built at each of the yards. Judging from the cost of similar barges built hitherto under contract, the expense of this work will amount in the aggregate to \$440,000, it being estimated that the cost of each barge will be \$20,000. These barges will be used for coaling vessels of the fleet and will be added to the list of some thirty similar craft acquired by the Navy Department by contract. Recently the Seattle Construction and Dry Dock Company completed nine of these barges, and the Cramp Shipbuilding Company completed ten of similar design. The new steel coal barges are intended to replace the old wooden barges which have been used and which are now kept for service as occasion requires at the Norfolk and Mare Island navy yards. In the line of possible new construction at navy yards are the two 15-knot 35-foot motor boats purchased under contract by the Navy Department for experimental purposes. One of these boats has been sent to the Montana to be used as a torpedo chaser. The other has been sent to the Utah to be tried out as a commanding officer's boat. Upon the reports received will depend the adoption of this type of motor boat as a standard. In which event it is possible that similar craft will be built by the Navy Department.

Interrupted Building in the Philippines.

The instructions from the War Department to discontinue the construction at Camp Stotsenburg, in the Philippines, found several of the officers' quarters practically completed as far as the first story. In consequence the buildings were finished at this point, making them one-story buildings instead of two-story edifices. The design of the building is quite satisfactory, as the one-story bungalow type, with a porch all around the building, is the type of residence most desirable in the climate of the Philippine Islands. It is practically impossible to construct the larger buildings in the Philippines within the limits of cost fixed by Congress, but it is believed the buildings of the bungalow type—that is, of concrete frame and filled in with wood or compressed concrete blocks with tin roof properly ventilated—can be built within the limit. Designs of such buildings have been forwarded to Washington in connection with the work contemplated at Fort McKinley.

HALLS & SOCIETY BLDGS.

SAN MATEO, SAN MATEO CO., CAL.—City Hall, 2 story and base, reinforced concrete, \$40,000. Architects, Havers & Toepke, 46 Kearny street, S. F. Owners, City of San Mateo. Plans for the construction of this building have been completed and approved by the City Council. The building will house the city offices and the main fire station. Interior finish will be of pine, oak and mahogany. There will be furnace heat, a vacuum cleaning system and hot water supply. Special plumbing will be used in the fire sta-

tion. Fireproof vaults will be constructed for the City Treasurer's office. Exterior will be faced with pressed brick. Some ornamental plaster and marble will be used. The second floor will be given over to the council chamber. Plans are complete and out for figures. Bids will be opened on February 9th. Plans and specifications can be secured from the architects.

DALY CITY, SAN MATEO CO., CAL.—City Hall, 2 story and base, frame. Cost not stated. Architects, Smith & Stewart, 241 Kearny street, S. F. Owners, Daly City. The building will be arranged to contain the offices of the various city departments, station for the police and a large auditorium. Interior will be finished in pine throughout. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken. Bids will be opened on February 9th. Plans and specifications can be secured from the architects.

LOS ANGELES, CAL.—Club house, 2 story and base, brick and steel. Cost not stated. Architects, Hunt & Burns, Laughlin Bldg., L. A. Owners, Automobile Club of Southern California. The building will be erected on Figueroa street near Pico, covering an area of 50 by 150 feet. Interior will be arranged for social rooms, library and sleeping apartments. Interior finish will be of pine and hardwood. There will be steam heat and open fire places. Mantels will be of tile and brick. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for shortly.

HOLTVILLE, IMPERIAL CO., CAL.—Lodge hall, 2 story and base, brick, \$25,000. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owners, Holville Masonic Hall Association. The building will be 50 by 140 feet. There will be four large stores on the ground floor and twelve offices, dance hall, banquet room and lodge rooms on the second floor. Oak and pine trim and hardwood floors will be used. There will be steam heat and patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken by the architects and also by Howard T. Jones of Holtville.

Contracts Awarded.

OAKLAND, CAL.—City Hall master clock system, \$1,029. Architects, Palmer & Hornbostel, New York. Associate Architect, G. F. Ashley, Oakland. Owners, City of Oakland. Contractors, Standard Electric Time Co., S. F. Contract price, \$1,029.

HOTELS.

SAN FRANCISCO—Hotel, 4 story and base, reinforced concrete, \$25,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Mr. Selig. The building will be erected on the south side of Eddy street between Jones and Leavenworth. The lot is located on a corner and all rooms will be outside exposures. Plans provide for about 60 rooms, all of which will have private baths. There will be steam heat, an automatic elevator, hot water supply and vacuum cleaning. Interior will be finished in pine and hardwood with some ornamental plaster in the lobby. Entrance will be

finished in marble and tile. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO—Hotel, 3 story and base. Class C construction, \$12,000. Architect, R. W. Miller, 110 Jessie street, S. F. Owners, Egan Bros. The building will be arranged for stores on the first floor and a number of single rooms on the upper floors. The property to be improved is located on Folsom street between 7th and 8th streets. Interior finish will be of pine throughout. There will be a hot water supply. Exterior will be faced with cement plaster. Plans are complete and work will be carried on by Day Labor under the direction of Mr. Miller.

RIVERBANK, STANISLAUS CO., CAL.—Hotel, 2 story and base, brick. Cost not stated. Architect, Henry Sherman, Mills Bldg., S. F. Owner, D. S. Grant. The building will be erected on Main street, having a frontage of 50 feet by a depth of 85 feet. There will be a number of small stores on the first floor besides the hotel lobby, office and dining room. Upper floor will contain 35 guest rooms and a number of public and private baths. Interior finish will be of pine throughout. There will be steam heat and oil burning plant. Bath rooms will have composition floors and the wainscot. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and work will be started at once. The owner will probably let a general contract.

SEATTLE, WASH.—Hotel, 12 story and base. Class A construction, \$1,000,000. Architect, William Kingsley, Empire Bldg., Seattle. Owner's name withheld. Negotiations are now under way and will be closed within a few days for a corner site embracing a half city block on which this building will be erected. The names of the interested parties and the exact location of the building is withheld for the present. Details of construction will be made public as soon as the property is secured.

PENDELTON, ORE.—Hotel addition, brick and steel, \$110,000. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Owners, Pendleton Hotel Co. The work will consist of the construction of two additional stories and extensive alterations to the present dining rooms and offices. Elevator service and a new heating system will also be installed. Exterior will be faced with pressed brick. Plans are complete and figures will be called within a week or ten days.

LOS ANGELES, CAL.—Hotel, 10 story and base, reinforced concrete, \$125,000. Architect, W. J. Saunders, International Bank Bldg., L. A. Owner, C. W. Howard. The building will be erected on the south side of Sixth street west of Olive, covering an area of 55 by 150 feet. There will be stores besides the hotel lobby on the ground floor and in the neighborhood of 198 guest rooms and private baths on the upper floors. Construction will be fireproof. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will be finished in tile. Interior finish will be of pine and hardwoods. Patent

store fronts, metal window sash and frames and hollow tile and metal lath and plaster interior partitions will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be taken shortly.

POMONA, LOS ANGELES CO., CAL.—Hotel, 3 story and base, reinforced concrete, \$175,000. Architects, Hanchard, Green & Tisdel, Van Nuys Bldg., L. A. Owner, T. W. Newman. The building will have extreme dimensions of 235 by 200 feet. First floor will contain eight stores, lobby and dining room and a theatre. Upper floors will be arranged for 150 guest rooms with about 50 per cent private baths. Construction will be fireproof. There will be steam heat, hot water, system and vacuum cleaning. Patent store fronts are specified. Exterior of the building will be faced with cement plaster. Preliminary plans have been completed.

Contracts Awarded.

SAN FRANCISCO—Hotel, 7 story and base, brick and steel, \$60,000. Engineer, W. W. Breite, Chanie Bldg., S. F. Owners, Zellerbach and Levinson. Contractor, Theo. Hoin, 1119 Hyde street, S. F. General construction. Contract price, \$60,000. Note: All sub-contracts are now being let through Mr. Hoin's office.

LIBRARIES.

COALINGA, FRESNO CO., CAL.—Library, 1 story and base, reinforced concrete and brick, \$15,000. Architects, Swartz, Zellerbach & Swartz, Rowell Bldg., Fresno. Owners, High School Library District. The building has been designed in the classic style and construction will be practically fireproof. Plans provide for a reading room, reference room, office and stack rooms. Interior finish will be of pine with maple floors. There will be steam heat, oil burning system and vacuum cleaning. Metal shelves and metal window sash and frames are specified. Exterior of the building will be faced with pressed brick. Plans have been completed and approved and are now out for figures. Bids will be opened on February 20th. Plans and specifications can be secured from the architects.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Electric work, Exposition buildings. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans are now complete and out for figures for the installation of the electric work in the following buildings: Varied Industries, Mines, Manufactures and Transportation. Bids will be opened by the Buildings and Grounds Committee on February 5th. Plans and specifications can be secured from the Director of Works. An official proposal appears in another column of this issue.

SAN FRANCISCO—Exhibit building, frame construction, \$75,000. Architect, Albert Farr, Foxcroft Bldg., S. F. Owners, Chilean government. Architect Farr has just been commissioned to prepare plans for this building. The structure will be designed after the

style of architecture used in the country, and like other buildings to be erected by the foreign governments will be of frame and plaster construction. Detail drawings are now being made. Further mention will be made of the work when bids are called.

SAN FRANCISCO — Transfer table. Cost not stated. Architect, Director of Works. Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the construction of a transfer table, which is to be constructed in the Transportation building, are complete. Bids for the work are now being taken and will be opened on February 19th. Plans and specifications and full particulars can be secured from the Director of Works. An official proposal appears in another column of this issue.

RAILROAD CONST., STATIONS AND EQUIPMENT.

LOS ANGELES, CAL. — Railroad buildings, 3, 1 and 2 story, frame. Cost not stated. Architect, Engineering Department Southern Pacific Co. Flood Bldg., S. F. Owners, Southern Pacific Co. Plans for a two-story, 50 by 100 foot building for the Pullman Co., a part 1 and part 2 story building, 50 by 100 feet for the commissary department, and a 1 story dining car shed, 88 by 118 feet, are complete. These buildings will be erected on the company property adjoining the new Arcade station. Plans are out for figures and can be secured from Mr. Edwards, 324 Pacific Electric Bldg., L. A.

RESIDENCES.

SAN FRANCISCO—Residence, 3 story and base. Class C construction, \$35,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, Mrs. A. Eldridge. The dwelling will be erected on a lot 68-9x137-6, situated in the vicinity of Pacific avenue and Broderick street. The building will be designed in the modern French style throughout. The drawing room on the first floor will be 20x30, finished in ivory two tone color woodwork. The reception hall will be 18x30 with grand stair case leading to second story and beautifully decorated ceiling, from this hall French glass doors open into the drawing room and into the dining room and also to the library and billiard room adjoining. The dining room will be finished in French gray oak with tapestries in the panels above the dado, from the dining room French doors will lead to a large conservatory adjoining, this will be the breakfast room and convenient to these will be a large kitchen, 13x15, with butler's pantry, scullery, cooler, refrigerator, etc. The main bed room on the second floor will be 20x30, with houndoir adjoining, and bath room, 10x12, with Roman tub, 5x10, sunk into the tiled floor. In this room will also be a needle shower dental bowl, electric heaters, and solid porcelain pedestal wash basin with steel enameled medical closet sunk into the wall above. The walls and floor will be tiled. There will also be three more large bed rooms with bath rooms between and a large open air sleeping porch. Above this floor will be the nursery, and two negro rooms. There will be also a rein-

forced concrete garage to accommodate two machines. Besides the convenience of arrangement there will be steam heat, hot water circulation system, hardwood floors and vacuum cleaning plant. The brick walls on exterior will be veneered with Caen stone in French Renaissance style. It is estimated that the building will cost \$35,000 complete. Plans will be ready for figures in two weeks.

SAN FRANCISCO—Residence, 3 story and base, frame, \$3,500. Architect, V. G. Hild, 46 Kearny street, S. F. Owner, Dr. Clyde S. Payne. The dwelling will be erected on the west side of Priest, south of Washington street, and will contain seven rooms and bath. Interior finish will be largely of pine with some redwood and elm. Oak floors will be used in the living and dining rooms. There will be a large open fire place and tile mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are complete and the work will be done by Day Labor. All materials will be purchased through the architect.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,000. Architect, none. Owners, Costello and Feerick, 93 College avenue, S. F. This house will be erected on the east side of 19th avenue north of Anza, and when complete will contain six rooms and bath. Interior finish will be of pine throughout. Oak floors will be used in two rooms. There will be a large open fire place in the living room. Mantel will be of brick or tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,500. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, James Smith, 441 4th avenue, S. F. The dwelling has been designed for a seven-room house with bath, and will be erected on the west side of 22nd avenue south of Lake street. Interior finish will be of pine with some elm panels in the living room, dining room and reception hall. Oak floors will be used in the principal rooms. There will be a large open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. A pressed brick veneer base will be used. Plans are complete and work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$10,000. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Father J. Hartnett. The dwelling has been designed for a parish house, and will be erected in the newly formed parish of St. Enidus in the Englewood district. The house will contain ten rooms, three baths and sleeping porch. Interior finish will be of pine and hardwood with oak floors in the principal rooms. Plans provide for furnace heat and open fire places, mantels will be of brick. Bath rooms will have composition floors and tile wainscot. An automatic water heater will be installed. Exterior of the

dwelling will be covered with cement plaster on metal lath. Working drawings are being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, E. J. Lloyd, 1057 Walker avenue, Oakland. The dwelling will be erected on Rand avenue and will contain seven rooms and bath. All interior finish will be of pine or redwood. There will be a large open fire place in the living room with brick mantel. Oak floors will be used in the dining room and living room. There will be an automatic water heater installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials will be purchased by the owner.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,500. Architect, none. Owners, Junk-Riddeil Co., 2247 Telegraph avenue, Berkeley. The dwelling has been designed for a seven-room house, and will be erected in North Cragmont. Interior finish will be of pine and redwood with some elm panels in the dining room. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with shingles. Plans are complete and the owners will do the work by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$9,000. Architect, William Knowles, Hearst Bldg., S. F. Owner, Mr. A. Vernon. The dwelling will be erected on lots 4 and 5 in the Clarendon Tract, and has been designed for an eight-room dwelling with two baths, sleeping porch and a garage. Interior finish will be of pine, redwood and hardwoods. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Plans also provide for a vacuum cleaning system and automatic water heaters. Bath rooms will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and bids are now being taken.

OAKLAND, CAL.—Bungalow, 1½ story and base, frame, \$3,000. Architect, none. Owner, John Peacock, 2512 Chester street, Oakland. The dwelling will contain seven rooms and bath. Interior finish will be largely of pine with some elm panels used in the living and dining rooms. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room will have composition floor and tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are in the hands of the owner and work will be done by Day Labor.

SAN FRANCISCO — Residences, 4 2 story and base, frame, \$5,000 to \$7,000. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owners, Trevor & Co. These dwellings will be erected on 4th avenue and each has been designed to contain seven or eight rooms,

bath and sleeping porch. Interiors will be finished in pine and hardwoods. Oak floors will be used in the living rooms, dining rooms and reception halls. There will be furnace heat and open fire places. Bath rooms will have composition floors and tile wainscot. Tile wainscot will also be used in the kitchens. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath. Pressed brick veneer will be used for the bases. Plans will be completed within a few days and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$9,500. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, O. F. Fisher. The dwelling will be erected in the Country Club Heights and has been designed to contain seven rooms, bath and sleeping porch. All interior trim will be of pine or redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. A hot air furnace will also be installed. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Residence, 7, 2 story and base, frame, \$1,500 each. Architect, none. Owners, Banning and Stewart, 5215 Broadway, Oakland. These dwellings will be erected in Claremont Manor, and each house has been designed for seven rooms, sleeping porch and bath. Pine and hardwood veneer will be used for interior finish. Floors in the principal rooms will be of hardwood. There will be furnace heat and open fire places. Mantels will be of brick and tile. Automatic water heaters will be installed. Bath rooms will be finished with composition floors and tile wainscot. Tile wainscot will also be used in the kitchens. Exteriors will be covered with cement plaster on metal lath. Plans are nearly complete and the work will be done by Day Labor. All materials will be purchased by the owners.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Dr. E. L. Loring. This dwelling, which is to be erected on Bushnell Place, has been designed for an eight-room house with two baths and a sleeping porch. Interior finish will be of pine, hardwood veneer and white enamel. Oak floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath rooms will have composition floors and tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

ALAMEDA, ALAMEDA CO., CAL.—Bungalow, 1½ story and base, frame, \$3,000. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, C. C. Adams. The dwelling will be erected in the Waterside Terrace District and

has been designed for a six-room house. Interior will be finished in pine with some elm panels in the dining room. Oak floors will be used and plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater is specified. Bath rooms and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$18,000. Architect, H. W. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owner's name withheld. This dwelling will be erected in the Claremont Tract and will cover a large ground area. The design is in the Spanish style with the exterior covered with cement plaster on metal lath and roof of clay tile. Interior will be arranged for twelve rooms, several baths and sleeping porches. Pine and hardwood will be used for interior trim. Oak floors will be used in the principal rooms. Plans provide for steam heat, vacuum cleaning system, a hot water supply and open fire places. Mantels will be of tile. Tile floors and wainscot will be used in the bath rooms. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, W. V. Grove. The dwelling will be erected in Claremont and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine, redwood and some hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot and composition floors will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$2,000. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, A. Cederborg. The dwelling will be erected in the Country Club Tract, and will contain seven rooms, bath and sleeping porch. All interior finish will be of pine. Hardwood floors will be used in the living room and dining room. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor under the direction of the architects.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$1,000. Architect, Maury I. Diggs, 2444 Bowditch street, Berkeley. Owner, George F. Drake. The dwelling will be erected on Claremont avenue near Alcatraz, and has been designed for an eight-room house with bath. Interior will be finished in pine and redwood with some white enamel. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or

brick. An automatic water heater is specified. Bath room will have composition floor and tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architects, Milwain Bros., Delger Bldg., Oakland. Owner, Frederick A. Alard. This house has been mentioned here before when plans were first started. The dwelling will be erected in the Crocker Highlands Tract, and has been designed to contain seven rooms, bath and sleeping porch. Interior will be finished in pine with some elm panels. Oak floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

SAN ANSELMO, MARIN CO., CAL.—Bungalow, 1½ story and base, frame. Cost not stated. Architect, Henry Siermud, Mills Bldg., S. F. Owner, H. N. McMillin. This dwelling has been designed for a double bungalow, and will contain two five-room dwellings with baths and sleeping porches. Interiors will be finished in pine throughout. Built-in sideboards and seats will be used. Oak floors are specified in the living and dining rooms. There will be two large open fire places with brick mantels. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exterior of the house will be covered with shingles. Plans are complete and ready for figures.

PALO ALTO, SANTA CLARA CO., CAL.—Residence, 2 story and base, frame, \$15,000. Architect, Smith O'Brien, Humboldt Bank Bldg., S. F. Owner, Mrs. Henry Allen. The dwelling will be erected on a large lot and has been designed in the Mission style. A garage will also be erected in the rear. The house will contain about twelve rooms, several baths and sleeping porch. Interior will be finished in pine and redwood with some hardwood veneer. Oak floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling and garage will be covered with cement plaster on metal lath. Plans are complete and ready for figures.

SACRAMENTO, CAL.—Bungalows, 2, 1 story and base, frame, \$2,000 each. Architect, none. Owners, Fred and H. Uhl, 2 Uhl Court, Sacramento. These two houses will be erected in Uhl Court on lots 15 and 16. Each house has been designed for a five-room dwelling with bath. Interiors will be finished in pine and redwood. Oak floors will be used in the principal rooms. There will be two large fire places with tile or brick mantels. Bath rooms and kitchens will have tile wainscot. Exteriors will be covered

with rustic and shiplap. Plans are complete and in the hands of the owners who will do the work by Day Labor.

Contracts Awarded.

LOS ANGELES, CAL.—Residence, 2 story, attic and base, brick and frame, \$50,000. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, John F. Powers. Contractors, Milwaukee Building Co., Wright and Callender Bldg., L. A. Contract price, \$50,000.

LOS ANGELES, CAL.—Residence, 2 story and base, frame, \$15,000. Architect, H. H. Whiteley, L. A. Owner, Evan Mosier. Contractors, Cooper, Cyle, Clopine Co., Story Bldg., L. A. Contract price, \$15,000.

SCHOOLS.

EUREKA, HUMBOLDT CO., CAL.—School, 2 story and base, reinforced concrete, \$125,000. Architect, W. H. Weeks, 73 Post street, S. F. Owners, Eureka Union High School. This work has been mentioned here a number of times before. The date for opening bids has been extended until February 12th. Plans can be secured from Architect Weeks in San Francisco.

SEATTLE, WASH.—School, 2 story addition and 2 story and base, reinforced concrete, \$150,000 and \$350,000. Architect, Edgar Blair, 901 7th avenue, Seattle. Owners, City of Seattle. School Architect Blair has completed preliminary sketches for the addition to the Lincoln School to cost \$150,000 and for the new building to be erected at the corner of 75th and 21st avenues, to be known as the Ballard School, which will cost \$350,000. The preliminary sketches have received the approval of the Board of Education, and Mr. Blair has been instructed to complete the plans. Details cannot be published at this time. The architect states that working drawings for both buildings will be ready for figures shortly after March 1st.

PORTLAND, ORE.—School, 1 story and base, reinforced concrete, \$30,000. Architect, F. A. Naramore. Address in care of Supt. of School District No. 1, Portland. Owners, School District No. 1. The building has been designed to contain four standard sized class rooms. Interior will be finished in pine. There will be steam heat and a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans will be ready for figures within thirty days.

SEWERS, STREET WORK AND WATER SYSTEMS.

BERKELEY, ALAMEDA CO., CAL.—Sewer construction, \$70,000. Engineer, City Engineer Jessup, Berkeley. Owners, City of Berkeley. Plans have been approved for the construction of the University outfall sewer and bids are now being called. Plans and specifications can be secured from the City Engineer. Recently a large sewer contract was let by the city of Berkeley, and following the award of contract for the University avenue sewer, bids will be called for a third large sewer job.

SAN MATEO COUNTY AND SAN DIEGO COUNTY—Highway construction. Cost not stated. Engineer, State

Highway Commission, Form Bldg., Sacramento. Owners, State of California. Bids will be opened on February 24th for the construction of approximately four miles of highway in San Mateo County of Portland cement, concrete and asphalt surface and for approximately 1½ miles of highway in San Diego County to be constructed of Portland cement and concrete. Plans can be secured from the State Highway Commission at Sacramento. An official proposal appears in another column of this issue.

KING AND PIERCE COUNTIES, WASH.—River bank protection, \$1,250,000. Engineer, William J. Roberts, Seattle Hotel, Seattle. Owners, Pierce and King Counties. Mr. Roberts, former highway commissioner, has been selected to prepare plans and supervise the work of protecting the river banks along the Stuck and Puyallup rivers. The project is one of the largest river protection problems that has ever been undertaken in the west. Actual work will be started about March. Full particulars can be had from Mr. Roberts. A general contract will probably be let.

Contracts Awarded.

SAN FRANCISCO—Sewer construction, \$5,800. Engineers, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Contractor, R. Beanfield, Phelan Bldg., S. F. Contract price, \$5,800.

SAN FRANCISCO—Tunnel construction for storm water sewer, \$193,314. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractor, Edward Malley, Foxcroft Bldg., S. F. Contract price, \$193,314.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Office addition, 3 story, Class A construction, \$50,000. Architects, Charles Paff & Co., Merchants' Exchange Bldg., S. F. Owners, Andrew B. McCreery Estate. Plans have been completed for an addition of three stories to the McCreery Building on lower Pine street. The building has a frontage of 50 feet and a depth of 137½ feet. The steel frame will be carried up through the new stories as well as the elevator service, plumbing and electric work. Interior will be finished in pine, hardwood and metal trim. Metal window sash and frames are specified. Halls will have marble wainscot and tile floors. Exterior will be faced with pressed brick and terra cotta. Plans are complete and figures are now being taken for the work.

OAKLAND, CAL.—Stores and offices, 2 story and base, steel and brick. Cost not stated. Architect, William Wilde Albany Bldg., Oakland. Owner, B. M. Cianciarulo. This work has been mentioned here before. The building will be erected on the west side of Broadway north of 17th street, having a frontage of 25 feet and a depth of 125 feet. Plans have been prepared for three additional stories, which will be added later. There will be a complete steel frame, brick exterior walls, faced with pressed brick and terra cotta. Interior finish will be of pine throughout. Some marble and tile will be used. There will be metal window sash and frames and patent store fronts. Steam heat will be installed. Plans are com-

plete and figures are being taken.

OAKLAND, CAL.—Offices, 18 story and base, Class A construction. Cost not stated. Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owners, A. L. and George Livenson et al. Architect C. W. Dickey is now in the east studying the latest of the eastern office buildings with the purpose in view of incorporating the most modern ideas in the proposed eighteen-story skyscraper which is to be erected at the southwest corner of Washington and 14th streets, Oakland. This property, directly opposite the new City Hall, has been leased for a period of fifty-two years from the Regents of the University of California. A recently formed corporation composed of A. L. and George Livenson, Carl Plaut, Henry Wieking, Harry Manheim, Alfred Kutner and C. J. Heeseman will erect the building. The structure will be of the Class A type, covering an area of 100 feet square. Construction will be started as soon as Mr. Dickey can complete working drawings.

PORTLAND, ORE.—Stores and lofts, 2 story and base, reinforced concrete. Cost not stated. Architects, Whidden & Lewis, Wilcox Bldg., Portland. Owner, Mrs. Walley. The building will be erected at the corner of First and Pine streets, and will be arranged for a restaurant on the first floor and machinery sales rooms above. The building will cover an area of 100 by 150 feet. Details of construction will be handled by J. Frank Watson, 1215 Wilcox Bldg., Portland.

LOS ANGELES, CAL.—School, 3 story and base, reinforced concrete, \$40,000. Architect, Arthur B. Benton, 114 North Spring street, L. A. Owners, Florence Crittenton Home for Girls. The building will cover an area of 60 by 100 feet. The building will contain dining room, kitchen, single rooms and wards. In all there will be accommodations for about 60 people. Interior finish will be of pine. There will be steam heat and modern plumbing. Exterior will be faced with pressed brick. Plans are being prepared.

TEMPE, ARIZ.—Industrial Arts building, 2 story and base, reinforced concrete, \$80,000. Architects, Peabody & Smart, Central Bldg., Phoenix. All bids received for this work have been rejected and plans will be revised. The lowest figure received for the general construction was \$79,453, and with the heating, electric work and plumbing the building ran over the estimates. Revised plans will be out for figures in a few weeks.

TUSTIN, ORANGE CO., CAL.—School, 2 story and base, brick, \$50,000. Architect, Frederick H. Eley, Register Bldg., L. A. Owners, Tustin School District. The building will cover an area of 90 by 72 feet, and will contain eight standard size class rooms, principal's office, teachers' rooms and an auditorium seating 800 people. Interior will be finished in pine with maple floors in the class rooms. There will be steam heat, vacuum cleaning and program clocks. Exterior of the building will be faced with pressed brick. Plans will be ready for figures within a few weeks.

POMONA, LOS ANGELES CO., CAL.—School, 1 story and base, brick, \$25,000. Architect, Paul B. Higgs, First National Bank Bldg., Pomona. Owners, Pomona School District. The building will contain seven class rooms, offices and

an auditorium. There will be steam heat, modern school plumbing and vacuum cleaning. Interior finish will be of pine. Maple floors will be used in the class rooms. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be opened on February 24th. Bids will be taken separately for the general construction, heating and plumbing. Plans can be secured from the architect.

INGLEWOOD, LOS ANGELES CO., CAL.—School buildings, 5, 1 and 2 story, brick, \$150,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Inglewood School District. Plans for this work are complete and figures will be opened on February 26th. Separate bids will be taken for the general construction, painting, plumbing, heating, electric work and program clocks. The group will consist of four new buildings and a central heating plant. The present building will be remodeled for an administration building, the auditorium enlarged and the gymnasium converted into a study room. The Manual Arts and Household Economy buildings will each be two stories 60x100 feet. The science building will be two stories 70x120 feet, and the gymnasium will be one story, 60x120 feet, with an outside cement plunge, 26x60 feet. The buildings will be of brick construction with red pressed brick facing, and cream pressed brick trimmings.

VENICE, LOS ANGELES CO., CAL.—Polytechnic group, 4, 1 and 2 story, brick, \$150,000. Architects, C. H. Russell Co., Union League Bldg., L. A. Owners, City of Venice. Plans are nearly complete for this work and bids will be called for within the next week or ten days. The group will consist of the Administration building, Science building, Household Arts building and manual Training building. The style of architecture will be Lombardic Italian. The Administration building will be a two-story and basement structure 152x144 feet, and will contain the administrative offices, auditorium, study and choral halls, library and twelve class rooms. In the basement there will be a cafeteria, kitchen, bicycle rooms, etc. The central heating plant will be constructed in connection with and at the rear of the administration building. The science building will be a two-story L-shaped structure with no basement; extreme dimensions 140x120 feet. It will contain twelve class rooms, work rooms, offices, recitation rooms etc. The household arts building will be two stories 140x120 feet, and will contain a modern hungalow, cooking department, laundry, lecture rooms, seven class rooms and sewing and milliner departments. The mechanical arts building will be one-story 112x144 feet, with an interior court. The buildings will be connected by arcades. They will be of brick construction, with concrete foundations, exterior facing of different shades of light-colored brick.

Contracts Awarded.

SAN FRANCISCO—Stores, 1 story and base, brick and steel, \$12,000. Architect, Earl R. Scott, Humboldt Bank Bldg., S. F. Owners, Davis Street Realty Co. Contractors, Pacific Rolling Mills, structural steel Andrew Olsen, carpentry work, and A. Newmark, plumbing. Contracts for the brick

work and electric work will be let this week.

SEATTLE, WASH.—Cafe alterations, \$16,000. Architect's name not given. Owners, L. C. Smith Building. Contractors, The Junction Co., Seattle. Contract price, \$100,000.

SEALED PROPOSALS.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 10:30 A. M., Thursday, February 19, 1914, for Transfer Table in Transportation Building in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

OFFICE OF THE BOARD OF STATE HARBOR COMMISSIONERS. Union Depot and Ferry House, San Francisco, January 28, 1914.

SEALED PROPOSALS or bids will be received at this office at or prior to 11 o'clock A. M., on Wednesday, February 11, 1914, for furnishing materials and constructing an addition to the north side of Pier No. 51, on the waterfront of the City and County of San Francisco, in accordance with the plans and specifications prepared and on file in the office of the Assistant State Engineer, and adopted by the Board August 6, 1913, and on file in this office to which special reference is hereby made.

The materials to be used in this work shall consist of the requisite quantities of Portland cement and Douglas fir piles (which will be turned to the contractor by the Board), sand, crushed rock, gravel, reinforcing materials, lumber, castings, structural steel, rods, bolts, spikes, car springs, asphalt paving, etc.

All materials used must be of the best of their respective kinds, and not especially specified herein. All materials used in the structure will be subjected to a rigid examination and test, and if found defective and unsuitable or not as specified, will be condemned and must be immediately removed from the work by the contractor at his expense.

No bid will be received unless it is made on a blank form furnished from this office, is accompanied by a certified check for an amount equal to five (5) per cent of the amount of the proposal, to be made payable to the

Secretary of the Board, conditioned that if the proposal is accepted and the contract awarded and if the bidder shall fail or neglect to execute a contract and give the bond required within six (6) days after the award is made, in that case the said sum mentioned in said check shall be deemed liquidated damages for such failure, and such sum shall be paid into the San Francisco Harbor Improvement Fund.

The bond required to be not less than one-eighth of the total amount of the bid, with two or more sureties, to be approved by the Board of State Harbor Commissioners, and conditioned for the faithful performance by the contractor of all the terms and conditions of said contract according to the true intent and meaning thereof, and to the satisfaction of the Board, and said bond shall also be effective as provided in an Act approved May 1, 1911, for the protection of materialmen, mechanics and laborers.

Bids will not be considered by the Board unless delivered to the Secretary or the Assistant Secretary at the office of the Secretary at or prior to 11 o'clock A. M., on Wednesday, February 11, 1914, at which time and place the bids will be opened.

The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Bidders are invited to be present at the opening of bids.

J. H. DWYER,

THOMAS S. WILLIAMS,

J. H. McALLISTER,

Board of State Harbor Commissioners.

JEROME NEWMAN,

Assistant State Engineer.

LEO V. MERRILL, Jr.,

Secretary. (*)

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 324—Proposals for Electric Cable, Conduit and Fittings and Miscellaneous Electrical Apparatus, Steel Shapes and Plates, Steel Reinforcing Bars, Vag—Manifold Ropes, Cardboard and Paper—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., February 6, 1914, at which time they will be opened in public, for furnishing the above mentioned articles. Plans and general information relating to this circular (No. 324) may be obtained from this office or the office of the assistant purchasing agent, 198 North Point Street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; F. C. BOGGS, major, corps of Engineers, U. S. Army, general purchasing officer.

PROPOSALS FOR METAL SHELVING.

METAL VAULT SHELVING—Treasury Department, Office Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until February 7, 1914, for installing metal vault shelving in the U. S. public building at San Diego, Cal. Further information may be had upon application to O. WENDEROTH, supervising architect.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 10:30 A. M., Thursday, February 5, 1914, for Electric Wiring of Varied Industries Building, Mines Building, and Transportation Building in accordance with the plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which

check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract. The sureties thereon must be satisfactory to the Buildings and Grounds Commission of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids which contain technical defects in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 297 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$35.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Twenty-five Dollars to the Exposition Company.

By order of the Buildings and Grounds Commission

WILLIAM H. CROCKER,
Chairman.

**STATE OF CALIFORNIA.
DEPARTMENT OF ENGINEERING.
CALIFORNIA HIGHWAY COMMISSION**

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Bldg., Sacramento, Cal., until 2 o'clock p. m. on **February 16, 1914**, at which time they will be publicly opened and read for construction in accordance with the specifications therefor, to which special reference is made, portions of State Highway as follows.

San Mateo County from the south line Daly City to South San Francisco (V. M. 2-2-A), a distance of Twenty-five miles to be built of Portland cement concrete with asphalt surface.

San Diego County from Las Flores to the Western Boundary (V. M. 2-2-D), about 11.5 miles in length, to be built of Portland cement concrete.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained, at the said office and they may be seen at the offices of the Division Engineers of the divisions in which the work is situated. The Division Engineers' offices are located at Willits, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids, to accept the bid deemed for the best interests of the State.

Dated: January 22, 1914.
CHARLES D. BLANEY,
NEWELL D. DARLINGTON,
CHARLES F. STERN,
California Highway Commission.
AUSTIN B. FLITCHER,
Highway Engineer.
WILSON R. ELLIS,
Secretary. (*)

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 819—Proposals for Four Steel Tugboats for Handling and Docking of Vessels at the Entrance of the Panama Canal. Sealed proposals will be received at the office of the general purchasing officer Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. on **March 23, 1914**, at which time they will be opened in public for furnishing the above mentioned tugboats. Plans and general information relating to this circular (No. 819) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal., or from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; S. C. BOGGS, major, corps engineers, U. S. A., general purchasing officer.

PROPOSALS FOR ELEVATOR.

ELEVATOR—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until 3 p. m. **February 16, 1914**, and then opened, for an elevator plant in the United States post office at Denver, Colo., in accordance with the drawings and specifications, copies of which may be had at this office or at the office of the architects, Tracy, Swartwout & Litchfield, 244 Fifth avenue, New York, N. Y., in the discretion of the supervising architect, OSCAR WENDEROTH, Washington, D. C.

PROPOSALS FOR PUMPS.

PUMPS—Sealed proposals indorsed "Proposals for Heating System, Fire and Flushing Pumps" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 1 o'clock a. m. **February 14, 1914**, and then publicly opened for furnishing and installing on foundations provided by the government in the central power plants, United States Navy Yard, at the Naval Station, Puget Sound, Wash., two motor-driven fire pumps of 1,000 gallons per minute capacity, 400 feet head, and two steam turbine-driven heating system pumps of 1,000 gallons per minute capacity, 150 pounds per square inch gauge head. Estimated cost, \$14,000. Plans and specifications may be obtained on application to the bureau or to the commandants of the navy yards named. H. R. STANFORD, chief of bureau.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C.—Sealed proposals will be opened in this office at 3 p. m. **February 16, 1914**, for the mechanical equipment (except roof construction) (including mechanical equipment and approaches) of a two-story and basement (with a 1-story rear extension) second-class post office building, to be located on the site of the old post office building, at Berkeley, Cal. Drawings and specifications may be obtained from the custodian at Berkeley, Cal., or at this office, in the discretion of the Supervising Architect, O. WENDEROTH, Supervising Architect. (*)

PROPOSALS FOR MECHANICAL EQUIPMENT.

MECHANICAL EQUIPMENT—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at 3 p. m. **February 16, 1914**, for the mechanical equipment (except roof construction), to be located in the United States post office at Denver, Colo. Drawings and specifications may be obtained on or after January 25, 1914, at the office of the architects, Tracy, Swartwout & Litchfield, 244 Fifth avenue, New York, N. Y., in the discretion of the supervising architect, O. WENDEROTH, Supervising Architect.

PROPOSALS FOR BUILDING.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on **Wednesday, the 11th day of February, 1914**, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The general construction of the Washington Irving School Building, to be located on Broadway, between Sanson and Montgomery streets.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public

Works, and completed with two hundred and seventy (270) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$20,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.
F. J. CHURCHILL,
Secretary.

PROPOSALS FOR HEATING AND VENTILATING.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on **Wednesday, the 11th day of February, 1914**, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The installation of a heating and ventilating system in the Washington Irving School Building.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed with two hundred and seventy (270) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$750.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.
F. J. CHURCHILL,
Secretary.

PROPOSALS FOR ELECTRIC WORK.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on **Wednesday, the 11th day of February, 1914**, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The electric work of the Washington Irving School Building.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed with two hundred and seventy (270) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$50.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.
F. J. CHURCHILL,
Secretary.

PROPOSALS FOR PLUMBING AND GAS FITTING.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 11th day of February, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefore, to wit:

The plumbing and gas fitting of the Washington Irving School Building.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed with two hundred and seventy (270) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$100.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works.
F. J. CHURCHILL,
Secretary.

PROPOSALS FOR BRICK WORK.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 11th day of February, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefore, to wit:

The brick work of the Washington Irving School Building.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within sixty (60) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$2,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.
F. J. CHURCHILL,
Secretary.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Tuesday, February 24, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials and labor, and doing the work required for the construction and completion of a building known as the Recreation Hall at the Napa State Hospital, Napa, California, in accordance with plans and specifications

thereof, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications to the State Department of Engineering.

ing at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Recreation Hall, Napa State Hospital, Napa, California."

(SIGNED) W. F. MCCLURE,
State Engineer. (*)

Plans describing news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE — 3 story and base.

Class C construction, \$35,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, rs. A. Eldridge. The dwelling will be erected on a lot 68x9137-6 situated in the vicinity of Pacific avenue and Broderick street. The building will be designed in the modern French style throughout. The drawing room on the first floor will be 20x30, finished in ivory two tone color woodwork. The reception hall will be 18x30 with grand stair case leading to second story and beautiful decorated ceiling, from this hall French glass doors open into the drawing room and into the dining room and also to the library and billiard room adjoining. The dining room will be finished in French gray oak with tapestries in the panels above the dado, from the dining room French doors will lead to a large conservatory adjoining, this will be the breakfast room and convenient to these will be a large kitchen, 13x15, with butler's pantry, scullery, cooler, refrigerator, etc. The main bed room on 1st floor will be 20x30, with houndoor adjoining, and bath room, 10x12, with roman tub, 5x10, sunk into the tiled floor. In this room will also be a needle shower dental bowl, electric heaters, and solid porcelain pedestal wash basin with steel enameled medical closet sunk into the wall above. The walls and floor will be tiled. There will also be three more large bed rooms with bath rooms between and a large open air sleeping porch. Above this floor will be the nursery, and two bed rooms. There will be also a reinforced concrete garage to accommodate two machines. Besides the convenience of arrangement there will be steam heat, hot water circulation system, hardwood floors and vacuum cleaning plant. The brick walls on exterior will be veneered with Caen stone in French Renaissance style. It is estimated that the building will cost \$35,000 complete. Plans will be ready for figures in two weeks.

RESIDENCE — 2 story and base.

frame, \$3,500. San Francisco. Architect, C. O. Clauser, Phelan Bldg., S. F. Owner, James Smith, 441 4th avenue, S. F. The dwelling has been designed for a seven-room house with bath and will be erected on the west side of 22nd avenue south of Lake street. Interior finish will be of pine with some e'm panels in the living room, dining room and reception hall. Oak floors will be used in the principal rooms. There will be a large open fire place

and tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Day Labor.

RESIDENCE — 2 story and base, frame, \$10,000. San Francisco. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Father J. Hartnett. The dwelling has been designed for a parish house, and will be erected in the newly formed parish of St. Emilius in the English district. The house will contain ten rooms, three baths and sleeping porch. Interior finish will be of pine and hardwood with oak floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick. Bath rooms will have composition floors and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Working drawings are being prepared.

RESIDENCE — 3 story and base, frame, \$3,500. San Francisco. Architect, W. G. Hind, 46 Kearny street, S. F. Owner, Dr. Clyde S. Payne. The dwelling will be erected on the west side of Priest south of Washington street, and will contain seven rooms and bath. Interior finish will be largely of pine with some redwood and elm. Oak floors will be used in the living and dining rooms. There will be a large open fire place and tile mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are complete and the work will be done by Day Labor. All materials will be purchased through the architect.

RESIDENCE — 2 story and base, frame, \$2,000. San Francisco. Architect, none. Owners, Costello and Fearick, 93 College avenue, S. F. This house will be erected on the east side of 19th avenue north of Anza, and when complete will contain six rooms and bath. Interior finish will be of pine throughout. Oak floors will be used in two rooms. There will be a large open fire place in the living room. Mantel will be of brick or tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are being purchased.



MODERN BANK AND OFFICE STRUCTURE FOR I. N. VAN NUYS
Los Angeles, Cal.

Morgan, Walls & Morgan, Architects
Los Angeles, Cal.



Robert H. Orr, Architect
Los Angeles, Cal.

RESIDENCE FOR MR. LEE C. PITZER
Pomona, Cal.

RESIDENCES—4, 2 story and base, frame, \$5,000 to \$7,000. San Francisco. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owners, Trevor & Co. These dwellings will be erected on 4th avenue, and each has been designed to contain seven or eight rooms, bath and sleeping porch. Interiors will be finished in pine and hardwoods. Oak floors will be used in the living rooms, dining rooms and reception halls. There will be furnace heat and open fire places. Bath rooms will have composition floors and tile wainscot. Tile wainscot will also be used in the kitchens. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath. Pressed brick veneer will be used for the bases. Plans will be completed with a few days and the work will be done by Day Labor.

ELECTRIC WORK — Exposition buildings. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans are now complete and out for figures for the installation of the electric work in the following buildings: Varied Industries, Mines, Manufactures and Transportation. Bids will be opened by the Buildings and Grounds Committee on February 5th. Plans and specifications can be secured from the Director of Works. An official proposal appears in another column of this issue.

EXHIBIT BUILDING—Frame construction, \$75,000. San Francisco. Architect, Albert Farr, Foxcroft Bldg., S. F. Owners, Chilean Government. Architect Farr has just been commissioned to prepare plans for this building. The structure will be designed after the style of architecture used in that country, and like other buildings to be erected by the foreign governments will be of frame and plaster construction. Detail drawings are now being made. Further mention will be made of the work when bids are called.

TRANSFER TABLE—Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the construction of a transfer table which is to be constructed in the Transportation building are complete. Bids for the work are now being taken and will be opened on February 19th. Plans and specifications and full particulars can be secured from the Director of Works. An official proposal appears in another column of this issue.

APARTMENT HOUSE—7 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner's name withheld. This building will be erected on Powell street near Washington and will cover a large ground area. Construction will be practically fireproof. Interior will be arranged for a large number of two, three and four room suites. Pine and hardwoods will be used in the interior finish. Plans provide for steam heat, elevator service, vacuum cleaning, a hot water supply and dumb waiters. All suites will have wall beds and private baths. Bath rooms will have composition floors and tile wainscot. Main entrance lobby and reception hall will be finished in hard-

wood with ornamental plaster. Entrance will be finished in tile and marble. Exterior of the building will be faced with cement plaster and pressed brick. Plans are being prepared.

APARTMENT HOUSE—2 story and base, frame, \$10,000. San Francisco. Architect, none. Owners, Mr. and Mrs. Kchby, represented by J. Prout, 2029 Turk street, S. F. The building will be erected on the south side of Fulton street west of Broderick, and has been designed to contain four modern apartments of three and four rooms each. Interior finish will be of pine and redwood. Oak floors will be used in the dining rooms. All suites will have wall beds and private bath rooms. Bath rooms will have composition floors and tile wainscot. Automatic water heaters will be installed. Each living room will have an open fire place with tile mantel. Entrance will be finished in tile and marble. Exterior of the building will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor under the direction of Mr. Prout.

APARTMENT HOUSE—2 story and base, frame, \$25,000. San Francisco. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner's name withheld. The building will be erected on Mission street and has been designed for stores on the first floor and a number of two and three room suites on the upper floors. All suites will have wall beds and private bath rooms. There will be a steam heating system and hot water supply. Interior finish will be of pine throughout. Bath rooms will have composition floors and tile wainscot. Patent store fronts are specified. Exterior of the building will be covered with rustic shiplap and cement plaster on metal lath. Plans are now being prepared.

WHARF CONSTRUCTION—Timber and pile. Cost not stated. San Francisco. Engineer, Assistant State Engineer, Perry Bldg., S. F. Owners, State of California. Plans for the construction of Pier No. 54, which will be erected on the waterfront south of the Ferry Building, have received the approval of the State Board of Control and are now out for figures. The structure will be similar to several of the new piers with timber piles and heavy timber superstructure. Plans can be secured from the Assistant State Engineer at the Ferry Building. Bids will be opened by the Harbor Commissioners on February 11th. An official proposal appears in another column of this issue.

CHURCH—2 story and base, semi-fireproof construction, \$30,000. San Francisco. Architect, John J. Foley, 46 Kearny street, S. F. Owners, St. Emilian Parish. Rev. Father J. Hartnett. Working drawings are now being prepared for the church edifice which is to be erected in the newly created parish of St. Emilian in Englewood. The design is in the Tudor Gothic style, the building being built in the shape of a cruciform with transepts. There will be a main auditorium seating in the neighborhood of 600 people, Sunday school rooms and social hall. Interior finish will be of pine and oak with ornamental plaster. Art glass windows and a marble sanctuary will be used. Exterior of the

building will be faced with cement plaster. Bids will be called for shortly.

CHURCH—2 story and base. Class A construction, \$75,000. San Francisco. Architect, W. J. Wythe, Central Bank Bldg., Oakland. Owners, Central Methodist Church. The building will be erected on property adjoining the present Sunday school rooms at the southwest corner of Leavenworth and O'Farrell streets. The main auditorium will seat about 1,000 people. Interior will be finished in pine and hardwood with considerable ornamental plaster. Steam heat will be installed. Art glass and marble are specified. Exterior of the building will be faced with Colusa sandstone. Plans are nearly complete.

FLATS—3 story and base, frame. Cost not stated. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner's name withheld. The building will be erected on the north side of Pacific avenue near Taylor street, covering an area of 25 by 62 feet. Plans show three modern flats of five rooms each. Interior finish will be of pine with some elm panels and oak floors. Each living room will have a large open fire place with brick or tile mantel. Bath rooms will be finished in tile and will have composition floors. Automatic water heaters will be installed. Entrance to the building will be finished in marble and tile. Exterior will be covered with cement plaster on metal lath. A pressed brick veneer base is specified. Plans are complete and figures are being taken for the work.

FLATS—2, 2 story and base, frame. Cost not stated. San Francisco. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owner's name withheld. These buildings will be erected on adjoining property on California street near 21st avenue, and each building will contain two flats of four rooms each and a basement garage. The rooms have been designed so as to give the largest possible amount of space and will receive sunlight from all sides. Interiors will be finished in pine and hardwoods with oak floors in the living and dining rooms. Bath rooms will have composition floors and tile wainscot. Entrances will be finished in marble and tile. Each living room will have an open fire place and tile mantel. Electric heaters and tile mantels will be used in the bed rooms. Exteriors of the buildings will be covered with rough cement plaster on metal lath. Clay tile cornices will be used. Plans are complete and figures are being taken.

GARAGE—1 story and base. Class C construction, \$10,000. San Francisco. Architect, Mathew O'Brien, Foxcroft Bldg., S. F. Owner, F. J. McHegan. The building will be erected on the south side of Pine street west of Fillmore and has been designed for a commercial garage. There will be a cement floor, metal window sash and frames and special gasoline storage tanks. Interior will be finished in pine. Besides the storage space plans provide for a large and well equipped machine shop. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken.

HOTEL—4 story and base, rein-

forted concrete. \$25,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Mr. Selig. The building will be erected on the south side of Eddy street between Jones and Leavenworth. The lot is located on a corner and all rooms will be outside exposure. There will be steam heat, an automatic elevator, hot water supply and vacuum cleaning. Interior will be finished in pine and hardwood with some ornamental plaster in the lobby. Entrance will be finished in marble and tile. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are being prepared.

HOTEL—3 story and base. Class C construction. \$12,000. San Francisco. Architect, R. W. Moller, 110 Jessie street, S. F. Owners, Egan Bros. The building will be arranged for stores on the first floor and a number of single rooms on the upper floors. The property to be improved is located on Folsom street between 7th and 8th streets. Interior finish will be of pine throughout. There will be a hot water supply. Exterior will be faced with cement plaster. Plans are complete and work will be carried on by Day Labor under the direction of Mr. Moller.

OFFICE ADDITION—3 story. Class A construction. \$50,000. San Francisco. Architects, Charles Paff & Co., Merchants' Exchange Bldg., S. F. Owners, Andrew B. McCreery Estate. Plans have been completed for an addition of three stories to the McCreery Building on lower Pine street. The building has a frontage of 50 feet and a depth of 137½ feet. The steel frame will be carried up through the new stories as well as the elevator service, plumbing and electric work. Interior will be finished in pine, hardwood and metal trim. Metal window sash and frames are specified. Halls will have marble wainscot and tile floors. Exterior will be faced with pressed brick and terra cotta. Plans are complete and figures are now being taken for the work.

Contracts Awarded.

WHARF OFFICE—Frame construction. \$2,800. San Francisco. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Contractor, Joel Johnson. Contract price, \$2,800. Note: A complete list of the figures received for this work appears under the heading of San Francisco in this issue.

HOTEL—7 story and base, brick and steel, \$60,000. San Francisco. Engineer, W. W. Breite, Clunie Bldg., S. F. Owners, Zellerbach and Levinson. Contractor, Theo Hoin, 1449 Hyde street, S. F., general construction. Contract price, \$60,000. Note: All subcontracts are now being let through Mr. Hoin's office.

SEWER CONSTRUCTION—\$5,800. San Francisco. Engineers, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Contractor, R. Beanfield, Phelan Bldg., S. F. Contract price, \$5,800.

TUNNEL CONSTRUCTION FOR STORM WATER SEWER—\$193,314. San Francisco. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractor, Edward Malley, Foxcroft Bldg., S. F. Contract price, \$193,314.

STORES—1 story and base, brick and steel, \$12,000. San Francisco. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owners, Davis Street Realty Co. Contractors, Pacific Rolling Mills, structural steel; Andrew Olsen, carpentry work, and A. Newmark, plumbing. Contracts for the brick work and electric work will be let this week.

City Bids Opened.

Edward Malley Submitted the Lowest Figure for the Construction of Mile Rock Tunnel.

Bids opened by the Board of Public Works at their meeting held Wednesday show Edward Malley low for the construction of the Mile Rock Tunnel at \$193,314. This tunnel is to be constructed as a continuation of the 48th avenue sewer and will extend under Sutter Heights to Mile rock. Other bidders on the work were as follows: Palmer-McBride & Quayle, Robert C. Storrie & Co., F. Rolandi, Healy-Thibbits Construction Co. and William Healy. All figures were submitted on unit prices and the bid of Edward Malley was the only one totaled.

Bids Are Opened For Pier Office.

State Board of Harbor Commissioners Award Contract for Office Building On Pier No. 26.

Bids opened by the State Board of Harbor Commissioners for the construction of an office shed on Pier No. 26 show Joel Johnson low at \$2,800 and he has been awarded the contract. The following bids were received at the meeting held on January 29th:

Office on Pier No. 26.

Joel Johnson	\$2,800
Higgins Co., Inc.	2,950
J. Wenderling	2,850
Fred P. & L. F. Fischer ..	2,975
Isaac Penny	3,095
Bower & Fann	2,826
Charles Wright	2,893
Frank M. Garden Co.	2,973

FORT MASON SEWER BIDS.

Constructing Quartermaster's Office Opens Bids For Sewer Work at Fort Mason. Beanfield Low.

Of the bids opened by the Constructing Quartermaster's Office at Fort Mason for the construction of a sewer system, the lowest was submitted by R. Beanfield at \$5,800. Other bids were as follows:

Fort Mason Sewer Work.

Tieslau Bros.	\$5,940
W. P. Scott	6,590
Frank Johnson	7,995
Central California Constr Co.	7,260
E. G. Cahill	8,778
Michael Murphy	8,887
— and Heafey	8,640
Francis Dorset	8,150
Pringle-Dunn & Co.	6,840

R. Beanfield	5,800
G. H. Murphy	7,225

CITY AND COUNTY OFFICIALS TO WHOLE STATE INSURANCE. STATE FUND MAKES COMPENSATION INSURANCE ACCESSIBLE TO ALL.

One of the purposes of the Legislature in creating the State Compensation Insurance Fund was to make industrial insurance accessible to the smallest employer in the remotest nooks and corners of the State, and with that end in view it was enacted, that—

"The Commission shall furnish schedules of rates and copies of form of policy to the Clerk and to the Treasurer of every County, City and County, and City in the State, and it shall be the duty of every public officer to whom the foregoing may be furnished to fill out Insurance Fund applications for compensation insurance in such Fund."

The Commission is preparing to provide every City and County Clerk and Treasurer with the necessary manual of rates and classifications and printed matter, in order that they may be enabled, for the convenience of the Employer seeking insurance to comply with the law.

New Jersey State Building Awarded.

Contract Awarded to W. W. Anderson of this City for \$30,940. Thirteen Sets of Bids Submitted.

(By Special Wire)

TRENTON, New Jersey, Jan. 30th.—Thirteen sets of figures were opened in Trenton by the New Jersey State Commission to the Panama-Pacific Exposition for the construction of the New Jersey State Building. W. W. Anderson & Co., of San Francisco, submitted the lowest bid at \$30,940 and has been awarded the contract. Other figures submitted were as follows:

New Jersey State Building.

Dennell Constr. Co.	\$47,250
Charles Wright	40,253
Van Sant-Houghton	39,400
Val Franz	42,240
Lange & Bergstrom	43,524
W. W. Anderson & Co.	30,940
Foster-Vogt Co.	43,000
Neil A. McLean	51,790
Dunnehan & Co.	42,399
W. D. Henderson	44,810
Pringle-Dunn & Co.	43,200
Randall, Trenton, N. J.	45,500
Deaumont, Atlantic City ..	41,000

INCORPORATIONS.

Outside Inn. Capital Stock, \$50,000; subscribed, \$500; shares \$100 each. Directors—J. J. Burke, W. W. Moore, E. M. Burke, K. Hartmann, G. S. McEvers, 1 share each. Place of business, San Francisco.

Granite Water Co. Capital Stock, \$35,000; subscribed, \$3500; shares, \$25 each. Directors—F. A. Dixon, F. L. Monnet, L. Einstein, 12 shares each; R. J. Hunt, 24 shares; A. C. Baumgartner and H. Carton, 40 shares each. Place of business, San Francisco.

Portuguese Dairy and Land Co.
Capital Stock, \$166,000; subscribed, \$700
shares, \$100 each. Directors—J. S.
Oliveiro, L. Jerome, J. J. Jorge, J. J.
Silverio, M. I. Domingos, J. J. Silverio
and F. I. Lewis, 1 share each. Place of
business, San Francisco.

All Star Features Distributors, Inc.
Capital Stock, \$30,000; subscribed, \$30;
shares, \$10 each. Directors—E. Salomon,
O. Samuels, J. Samuels, 1 share
each. Place of business, San Francisco

All Star Features Distributors, Inc.
Capital Stock, \$30,000; subscribed, \$30;
shares, \$10 each. Directors—E. Salomon
O. Samuels, J. Samuels, 1 share each.
Place of business, San Francisco

Automatic Railway Station and Station
Indicator and Advertising Co.
Capital Stock, \$150,000; subscribed, \$35;
shares, \$1 each. Directors—S. J. Lank
H. W. Van Bergen, L. B. Spill, E. J.
Young, E. A. Margeson, J. P. Sullivan,
S. Sullivan, 5 shares each. Place of
business, San Francisco.

NOTICE OF NON-RESPONSIBILITY.

Jan. 30, 1914—NW JACKSON AND
Kearny N 137-6XW 37-5. Northside
Realty Co as to improvements on
leased property
Jan. 50, 1914—N COMMERCIAL 100
E Drumm E 25xN 59-9. Thomas
Merry as to improvements on
leased property
Jan. 29, 1914—LOT 16 BLK "J" Mission
Terrace. Mission Terrace Co
as to improvements on leased
property

Building Contracts Awarded

San Francisco.

No.	Owner	Contractor	Amount
233	Spreckels	Poster	26841
234	St. Ignatius	Llewellyn	7000
235	G. G. Cloak	Burnett	525
236	Wright	McKenzie	1276
237	Zellerbach	Central Iron	12000
238	Ida	Heckman	450
239	Ohlsen	Ohlsen	300
240	Levin	Novelty	400
241	Lubarsky	Moller	1000
242	Devenecenzi	Devenecenzi	500
243	Power	Brunswick	500
244	Carlson	Carlson	400
245	Pringle	Standard	500
246	John	Malloch	500
247	Holbrook	Wilson	600
248	Marshall	Hofmeister	800
249	Lachman	Mey	400
250	Same	Norris	4200
251	Same	Seibert	2115
252	Podesta	Marcella	1000
253	United Bldg Synd.	Malloch	400
254	Tomagiani	Owner	500
255	Newlands	Wallen	1000
256	Payne	Payne	3000
257	Bressi	King	500
258	Smith	Smith	5000
259	Kruse	Wengard	7740
260	Harper	Harper	1785
261	Lancaster	Barneore	400
262	White	Secor	800
263	Sprio	Moller	7850
264	Meyer	Meyer	400
265	Mourout	Wygant	500
266	Perick	Costelloe	2000
267	1st Cong Church	Knowles	22300

No.	Owner	Contractor	Amount
268	Roder	Roder	1000
269	Hirth	Hirth	800
270	Bjorkman	Bjorkman	1850
271	Ryder	Ryder	1800
272	Wash	Parry	1400
273	Ulmer	Parry	1300
274	Vlek	Spencer	1000
275	Stornio	Tamburino	1000
276	Curtis	Jensen	1000
277	Behan	Pearson	500
278	Martin	McDiarmid	600
279	Griffith	Griffith	1000
280	Zarik	Zarik	1000
281	Poorman	Poorman	1900
282	City & Co S F.	Brode	3400
283	Strauss	Carlsen	2350
284	Bishop	Johnston	14835

285	Mitchell	Gas & Elec. App	575
286	Same	Atlas Heating	1667
287	Same	Furner	2625
288	Same	Rose	12775
289	Gibson	Mathies	1000
290	Babin	Stranquist	400
291	Blanchi	Blanchi	1000
292	Kennedy	Hecker Kemper	500
293	Kaufmann	Kaufmann	1900
294	White	Ostlund	9500
295	Vigen	Krohn	1300
296	Kieffer	Carlson	2075
297	De Martini	Segale	3500
298	Johnson	Dillblau	1300
299	Wagner	Barnes	2700
300	Ferreiros	Roberts	1400
301	Iacona	Novello	1900
302	Cohen	Woolfrey	1966

(232) NE WASHINGTON & OCTAVIA
E 175 N 127-8 1/2 E 2-6 N 127-8 1/2 W
177-6 S 255-4 1/2. All work for garden
retaining walls and garage.
Owner.....A. B. Spreckels, California
and Davis, San Francisco.
Architect...G. A. Applegarth, Call
Bldg., San Francisco.
Contractor..Foster-Vogt Co., Sharon
Bldg., San Francisco.

Filed Jan. 26, '14. Dated Jan. 22, '14.
On 1st of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$26,841

Bond, \$13,420.50. Surety Massachusetts
Bonding & Insurance Co. Limit, 90
days after Jan. 26, 1914. Forfeit, none.
Plans and specifications filed.

(234) NE FULTON AND PARKER
Ave E 175xN 275. Painters' work for
church building.

Owner.....The President & Board of
Trustees of Saint Ignatius
College.
Architect...Chas. J. I. Devlin, Pacific
Bldg., San Francisco.
Contractor..The J. Llewellyn Co., 1635
Broadway, Oakland.
Filed Jan. 26, '14. Dated Jan. 13, '14.

On 1st and 15th of each month 75%
Usual 35 days..... 25%

TOTAL COST, \$7000

Bond, \$3500. Surety, Southwestern
Surety Insurance Co. Limit, 15 days
after carpenter work done. Forfeit,
\$25. Plans and specifications filed.

(235) MARKET NO. 1060. Remodel-
ing show windows on Market street
front in building.

Owner.....Golden Gate Cloak & Suit
House, Premises.
Architect...C. W. Dickey, Central Bk.
Bldg., Oakland.
Contractor..Bruce B. Burnett.

Filed Jan. 26, '14. Dated Jan. 23, '14.
Completed and accepted 75% of
contract 25%
Usual 35 days..... 25%

TOTAL COST, \$525

Bond, none. Limit, as required. For-
feit, none. Plans and specifications
filed.

(236) E BUCHANAN 16) N Filbert N
25x E 80. All work for alterations to
frame residence.

Owner.....Julia Wright, 3108 Buchan-
an, San Francisco.
Architect...None.

Contractor..W. McKenzie, 734 Wash-
ington, San Francisco.
Filed Jan. 26, '14. Dated Jan. 17, '14.

Enclosed \$319
Ready for lathing..... 319
Completed and accepted..... 319
Usual 35 days..... 319

TOTAL COST, \$1276

Bond, none. Limit, 50 days. Forfeit,
none. Plans and specifications, none.

(237) N TURK 171-19 1/2 E Taylor E
31-4 1/2 x N 137-6. Structural steel and
iron work for seven-story and base-
ment building.

Owner.....Zellerbach-Jevison Co.
Engineer...W. W. Breite, Clunie Bldg.,
San Francisco.

Contractor..Central Iron Works, 651
Florida, San Francisco.
Filed Jan. 26, '14. Dated Jan. 26, '14.

On 15th of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$12,000

Bond, \$6000. Sureties, Andrew A. Devoto
and Geo. S. Green. Limit, 60 days.
Forfeit, \$15. Plans and specifications
filed.

(238) NO. 280 POST. Alter front.
Owner.....Ida Co., 78 Geary, S. F.
Architect...None.

Contractor..J. C. Heckman, 840 Van
Ness Ave., San Francisco.
COST, \$450

(239) NO. 4307 NINETEENTH. Add 2
rooms.
Owner.....Wm. Ohlsen, Premises.
Architect...None.

Day's work. COST, \$800

(240) NO. 2251 FILLMORE. Electric
sign.
Owner.....Levin & Gorden, Premises.
Architect...None.

Contractor..Novelty Elec. Sign Co., 165
Eddy, San Francisco.
COST, \$400

(241) NO. 424 BALBOA (rear). One-
story brick shop.
Owner.....P. Lubarsky, Premises.
Architect...None.

Contractor..R. W. Moller, 185 Steven-
son, San Francisco.
COST, \$1000

(242) N UNION 23 E Leavenworth.
Build 4 social halls, two rooms and
plaster same.

Owner.....Devenecenzi Bros., 1069
Union, San Francisco.
Architect...None.

Contractor..J. Devenecenzi, 1609 Union,
San Francisco.
COST, \$500

(243) NW JONES AND O'FARRELL.
Stud walls and erect partition.

Owner.....H. Power, Premises.
Architect...None.

Contractor..Brunswick, Balke, Col-
lender Co., 765 Mission,
San Francisco.
COST, \$400

(244) NO. 42 COLLEGE AVE. Raise,
add to and repair dwelling.

Owner.....J. C. Carlson, Premises.
Architect...None.
Day's work. COST, \$400

(245) NO. 219 O'FARRELL. New
front and trap doors.

Owner.....W. M. B. Pringle and H.
Kahn, Premises.
Architect...None.

Contractor..Standard Woodworking
Co., 283 13th, S. F.
COST, \$500

(246) NO. 178 GEARY. Alter entrance

Owner.....Chas. Joseph, Care Helman
& Schwartz.
Architect...Helman & Schwartz, Ne-
vada Bank Bldg., S. F.

Contractor, J. S. Malloch, 110 Jessie, San Francisco.

COST, \$500

(247) NO. 1901 VAN NESS AVE. Repair dwelling.

Owner.....Chas. Holbrook, Premises.
Architect...Nathaniel Lindsell, 255 California, S. F.

Contractor, Wm. F. Wilson, 330 Mason San Francisco.

COST, \$600

(248) NOS. 1129-1131 GRANT AVE. New front.

Owner.....Mrs. Marshall, 450 Jones, San Francisco.

Architect...None

Contractor, Hofmeister & Berdahl, 703 Webster, San Francisco.

COST, \$300

(249) E MISSION 295 S 16th S 75x E 105. Plumbing, hot and cold water system, etc., for three-story and basement apartments and store.

Owner.....Lachman Bros., 16th and Mission, San Francisco.

Architect...M. Mattanovich, Hewes Bldg., San Francisco.

Contractor, Gus May, 3670 18th, S. F. Filed Jan. 27, '14. Dated Jan. 24, '14.

Roughed in\$2600
Completed and accepted..... 1675
Usual 35 days..... 1225

TOTAL COST, \$4900

Bond, \$2450. Sureties, Matilda May and Isabella Kirby. Limit, without delay.

Forfeit, none. Plans and specifications filed.

(250) PLAIN AND REINFORCED concrete, etc., on above.

Contractor, L. A. Norris Co., Monadnock Bldg., San Francisco.

Filed Jan. 27, '14. Dated Jan. 26, '14.

On 1st and 15th of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$1290

Bond, none. Limit, without delay.

Forfeit, none. Plans and specifications filed.

(251) HEATING AND DOMESTIC HOT water supply system on above.

Contractor, J. J. Seibert Co.

Filed Jan. 27, '14. Dated Jan. 22, '14.

Piping system roughed in...\$700.00
Oil and water storage tanks in 200.00

Completed and accepted..... 686.25
Usual 35 days..... 528.75

TOTAL COST, \$2115.00

Bond, \$1057.50. Surety, United States Fidelity & Guaranty Co. Limit, without delay.

Forfeit, none. Plans and specifications filed.

(252) NO. 1354 GREEN. Excavating, and erect reinforced concrete private garage.

Owner.....Victor L. Podesta, 24 Grant Ave., San Francisco.

Architect...Righetti & Headman, Phelan Bldg., San Francisco.

Contractor, E. Marcella, 211 Greenwich, San Francisco.

COST, \$1400

(253) NE GEARY AND STOCKTON. Alter front.

Owner.....United Bldg. Syndicate, 14 Montgomery, S. F.

Architect...Heiman & Schwartz, Nevada Bank Bldg., S. F.

Contractor, J. S. Malloch, 110 Jessie, San Francisco.

COST, \$400

(254) E TENTH 100 S Howard Repair marble shed.

Owner.....Tomagnini & Co., Shasta Hotel, San Francisco.

Architect...John R. Cahill, 460 Montgomery, San Francisco.

Day's work.....COST, \$500

(255) S MARKET 75 W Second. Alter front and interior fixtures.

Owner.....E. Newlands Jr., 519 California, San Francisco.

Architect...O'Brien Bros., Inc., 519 California, San Francisco.

Contractor, A. M. Wallen, 1253 Waller, San Francisco.

COST, \$1000

(256) W PRIEST 57-6 S Washington. Three-story and basement frame residence.

Owner.....Clyde S. Payne, 146 Grant Ave., San Francisco.

Architect...W. G. Hind, 46 Kearny, San Francisco.

Day's work.....COST, \$3000

(257) NO. 1552 McALLISTER. New front.

Owner.....Mrs. Bressi, Premises.

Architect...None.

Contractor, Chas. King, 1900 Golden Gate Ave., San Francisco.

COST, \$500

(258) W TWENTY-SECOND AVE 175 S Lake. Two-story and basement frame dwelling.

Owner.....James Smith, 441 4th Ave., San Francisco.

Architect...C. O. Clausen, Phelan Bldg San Francisco.

Contractor, James Smith, 441 4th Ave., San Francisco.

COST, \$3000

(259) N COLLEGE TERRACE 200 W Mission NE 52-9 N 75 W 52-9 SE 75.

All work for three one and one-half-story frame residences.

Owner.....J. H. Kruse, 23rd and Folsom, San Francisco.

Architect...Jos. M. Geary, 2581 Post, San Francisco.

Contractor, C. Wengard, 3638 Judah, San Francisco.

Filed Jan. 28, '14. Dated Jan. 27, '14.

Frames up\$1935
Prown coated 1935

Houses accepted 1935
Usual 35 days..... 1935

TOTAL COST, \$7740

Bond, limit, forfeit, none. Plans and specifications filed.

NOTE: The above buildings will be constructed N College Terrace 200, 225 and 250 W Mission.

(260) N HOLLY PARK CIRCLE 75 E Murray. One and one-half-story and basement frame dwelling.

Owner.....Wm. Harper, 112 Holly Park Circle, S. F.

Architect...None.

Day's work.....COST, \$1785

(261) NO. 703 DEVISADERO. Add 1 room.

Owner.....A. D. Langster, 1959 Eddy, San Francisco.

Architect...None.

Contractor, Jerome Baneorn, 3254 Steiner, San Francisco.

COST, \$400

(262) NOS. 1510-30 GEARY. New roof and skylights.

Owner.....Robert White Co., Merchants' Exchange Bldg., San Francisco.

Architect...None.

Contractor, L. A. Secor 80 Casselli Ave., San Francisco.

COST, \$400

(263) E MISSION 125 S 22nd. One-story brick market building.

Owner.....Sam and M. E. Spiro, 185 San Francisco.

Architect...None.

Contractor, R. W. Moller, 185 Stevenson, San Francisco.

COST, \$7350

(264) NO. 378 DAY. Raise cottage and build new concrete foundation.

Owner.....William Meyer, Premises.

Architect...None.

Contractor, Gus Meyer, Premises.

COST, \$400

(265) SW GROVE AND DEVISADERO. Excavate, build brick foundation, cement floor and repair front.

Owner.....C. A. Mourout, 1801 Ellis, San Francisco.

Architect...None.

Contractor, J. H. Wygant, 581 Waller, San Francisco.

COST, \$500

(266) E NINETEENTH AVE 75 N Anza. Two-story and basement frame dwelling.

Owner.....Costello & Feerick, 93 College Ave., San Francisco.

Architect...None.

Day's work.....COST, \$2000

(267) SE POST AND MASON E 110x S 137-6. Lathing, etc., for church building.

Owner.....1st Congregational Church by Stockholm & Allyn, Monadnock Bldg., S. F.

Architect...Reid Bros., California-Pacific Bldg., S. F.

Contractor, A. Knowles, 985 Folsom, San Francisco.

Filed Jan. 29, '14. Dated.....

On 12th of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$22,300

Bond, none. Limit, as required. Forfeit, \$25. Plans and specifications filed.

(268) NOS. 644-46-48 WALLER. Minor changes and repairs to tenements.

Owner.....Mrs. Catherine Roeder, 648 Waller, San Francisco.

Architect...None.

Day's work.....COST, \$1000

(269) NOS. 1569-71 POST. Erect partitions for 12 rooms, install 10 bath tubs, concrete floor and minor changes on present building.

Owner.....Leo J. Hirth, Oakland.

Architect...None.

Day's work.....COST, \$800

(270) E TENTH AVE 175 N Ortega. Two-story and basement frame dwlg.

Owner.....John Bjorkman, 4077 23rd, San Francisco.

Architect...None.

Day's work.....COST, \$1850

(271) E FORTY-SIXTH AVE 100 S Cabrillo. One-story and basement frame dwelling.

Owner.....E. Ryder, 818 Schrader, San Francisco.

Architect...A. J. Yerrick, 232 Blaka Block, Oakland.
Contractor...Wm. Ryder, 1917 Hayes, San Francisco.

COST, \$1800

(272) N MAYNARD 75 W Congdon. One-story and basement frame dwlg. Owner.....T. Webb, 222 Raymond Ave., San Francisco.

Architect...None.
Contractor...T. H. Parry, 222 Raymond Ave., San Francisco.

COST, \$1400

(273) W NAPLES 150 S Russia. One-story and basement frame dwelling. Owner.....W. Ulmer, 222 Raymond Ave., San Francisco.

Architect...None.
Contractor...T. H. Parry, 222 Raymond Ave., San Francisco.

COST, \$1300

(274) NOS. 941-43 GRANT AVE. Cut hatchway for elevator, install freight elevator (capacity of 2000) and concrete pit.

Owner.....Kloona Yiek Co., 756 Sacramento, San Francisco.

Architect...None.
Contractor...Spencer Elevator Co., 128 Beale, San Francisco.

COST, \$1000

(275) NO. 1068 FILLBEIT. Add one-story to building.

Owner.....D. Stornolo, Premises.
Architect...None.
Contractor...G. Tamburino, 23 Medas Place, San Francisco.

COST, \$1000

(276) NO. 2501 BUCHANAN. One-story brick garage.

Owner.....John M. Curtis, Premises.
Architect...None.
Contractor...G. P. W. Jensen, 320 Market, San Francisco.

COST, \$1000

(277) NO. 2904 TWENTY-THIRD. Concrete foundation and underpinning.

Owner.....John Behan, 375 Sutter, San Francisco.

Architect...None.
Contractor...E. K. Pearson, 2362 Bryant, San Francisco.

COST, \$400

(278) NO. 220 ANDERSON. Raise dwelling and add concrete foundation.

Owner.....Chas. Martin, Premises.
Architect...None.
Contractor...W. G. McDiarmid, 56 Ellsworth, San Francisco.

COST, \$700

(279) NE WASHINGTON AND ROSS Alley. Repairs and alterations in rooming house.

Owner.....Irwin Griffith, Salem, Ore.
Architect...None.
Day's work.....

COST, \$1000

(280) NO. 115 MARKET. Erect display sign on roof (electric).

Owner.....S. Zank, 1714 O'Farrell, San Francisco

Architect...None

Day's work.....

COST, \$400

(281) E THIRD 25 S Perry. One-story frame (2) stores.

Owner.....Mrs. I. S. Poorman, San Mateo,

Engineer...L. M. Haersmann, Sharon Bldg., San Francisco.

Day's work.....

COST, \$1900

(282) FIFTEENTH & CAPP. Ornamental iron work, except rolling shutter doors and hardware in toilet stalls for Marshall School.

Owner.....City and County of San Francisco.

Architect...Bureau of Architecture, City Hall, San Francisco.

Contractor...Brode Iron Works, 31 Hawthorne, San Francisco.

Not filed.

TOTAL COST, \$3400

(283) SE FAIRMOUNT AVE AND Whitney E 37-6 S 93 W 13 m or 1 NW 96-33. All work for one-story and basement frame cottage.

Owner.....Hugo and Pauline Strauss.

Architect...None.

Contractor...E. J. Wade and P. Carlsen, 579 Duboce Ave., S. F.

Filed Jan. 30, '14. Dated Jan. 28, '14.

Roof on.....\$587.50

Brown coated.....587.50

Completed.....587.50

Usual 35 days.....587.50

TOTAL COST, \$2350.00

Bond, none. Limit, 80 days. Forfeit, none. Plans and specifications filed.

(284) W SECOND 85 from Folsom N 50xW 95. All work for two-story and basement frame building for the Kip Memorial Mission and Day Nursery.

Owner.....The Protestant Episcopal Bishop of California, 1215 Sacramento, S. F.

Architect...Lewis P. Hubart, Crocker Bldg., San Francisco.

Contractor...Jas. T. Johnston, Jno. E. Branagh & Thos. A. Cuthbertson, 1776 12th Ave., San Francisco.

Filed Jan. 30, '14. Dated Jan. 29, '14.

On 15th of each month.....75%

Usual 35 days.....25%

TOTAL COST, \$14,835

Bond, \$7418. Surety, Fidelity & Deposit Co. of Maryland. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(285) SW LOMBARD AND SCOTT W 50xS 100. Electric work for three-story and basement frame hotel and store building.

Owner.....Edw. H. Mitchell.

Architect...Chas. J. Rousseau, 46 Kearny Bldg., S. F.

Contractor...The Gas & Elec. Appliance Co., 441 Sutter, S. F.

Filed Jan. 30, '14. Dated Jan. 9, '14.

Electric work roughed in.....\$215.50

Completed and accepted.....215.50

Usual 35 days.....144.00

TOTAL COST, \$575.00

Bond, \$300. Surety, United States Fidelity & Guaranty Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(286) STEAM HEATING AND OIL burning plant on above.

Contractor...Atlas Heating & Ventilating Co. 4th & Freelon, San Francisco.

Filed Jan. 3, '14. Dated Jan. 10, '14.

Roughed in.....\$625

Completed and accepted.....625

Usual 35 days.....417

TOTAL COST, \$1667

Bond, \$834. Surety, Fidelity & Deposit

Co. of Maryland. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(287) PLUMBING AND GAS FITTING on above.

Contractor...The Turner Co., Inc., 278 Natoma, San Francisco.

Filed Jan. 30, '14. Dated Jan. 9, '14.

Plumbing roughed in.....\$981

Completed and accepted.....981

Usual 35 days.....657

TOTAL COST, \$2635

Bond, \$1313. Surety, Actna Accident & Liability Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(288) ALL WORK EXCEPT GRADING, foundation, electric, plumbing, steam heating and oil burning on above.

Contractor...L. A. Rose, Monadnock Bldg., S. F.

Filed Jan. 30, '14. Dated Jan. 9, '14.

Roof on and building enclosed.....\$3193.75

Brown coated.....3193.75

Completed and accepted.....3193.75

Usual 35 days.....3193.75

TOTAL COST, \$12,775.00

Bond, \$6387.50. Surety, Southwestern Surety Ins. Co. Limit, 90 days after walls completed. Forfeit, none. Plans and specifications filed.

(289) NO. 2629 PIERCE Minor repairs and alterations to residence.

Owner.....Chas. A. Glosien, California and Davis, S. F.

Architect...Sidney B. Newsum, Nevada Bank Bldg., S. F.

Contractor...Matthews & Griffith, 180 Jessie, San Francisco.

COST, \$1000

(290) SW FRONT AND HALLECK. New concrete floor.

Owner.....Landry Basin Co., 423 Kearny, San Francisco.

Architect...W. H. Crim Jr., 425 Kearny, San Francisco.

Contractor...Stanquist & Forbes, 5052 Monadnock Bldg., S. F.

COST, \$400

(291) S CORTLAND 50 E Folsom. One-story and basement frame dwlg.

Owner.....John Bianchi, 3702 Folsom, San Francisco.

Architect...None.
Day's work.....

COST, \$1000

(292) NO. 356 DAY. Add three rooms to dwelling.

Owner.....John Kennedy, Premises.
Architect...None.

Contractor...H. Heckerkemper, 10 Dame, San Francisco.

COST, \$500

(293) E ISABEL 650 N Brewster. One and one-half-story and basement frame dwelling.

Owner.....Albert Kaufmann, Prem.
Architect...A. W. Richardsen, 2577 Mission, San Francisco.

Day's work.....

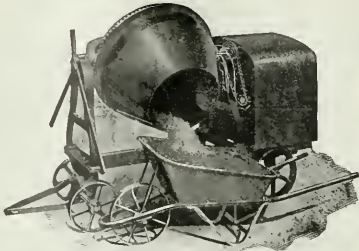
COST, \$1900

(294) NOS. 122-130 KEARNY. Lay concrete and marble floors, general alterations and repairs to lunch room.

Owner.....G. W. White, 1023 Market, San Francisco.

Architect...None.

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San Francisco

Contractor... Oscar H. Ostlund, 64 Rausch, San Francisco.
COST, \$9500

(295) E FOULSOM 50 S Jarboe. One-story and basement frame dwelling.
Owner..... Elias Vigen, 1743 Guerrero, San Francisco.
Architect... None

Contractor... A. Krohn, 158 Noe, S. F.
COST, \$1500

(296) W WOOL 200 N Cortland. One and one-half-story and basement frame residence.

Owner..... Rose Kleffer, 300 Shotwell, San Francisco.
Architect... None.

Contractor... Gust. Carlson, 216 Richmond Ave., San Francisco.
COST, \$2075

(297) N GREENWICH 127-6 W Kearny. Two-story and basement frame (2) flats.

Owner..... Mrs. I. DeMartini, 423 Filbert, San Francisco.
Architect... Paul F. De Martini, 2123 Powell, San Francisco.

Contractor... L. Segale, 38 Arlington, San Francisco.
COST, \$2700

(298) W ATHENS 115 W Brazil. One story and basement frame dwelling.

Owner..... Carl Johnson, 365 Paris, San Francisco.
Architect... None.

Contractor... G. Hilleblau, 468 Peru Ave., San Francisco.
COST, \$1100

(299) W SPEAR 193-4 N Howard. Two-story brick carriage shop.

Owner..... Joseph Wagner, 555 9th Ave., San Francisco.
Designer... F. H. Barnes, 1381 Stevenson, San Francisco.

Contractor... F. H. Barnes, 1381 Stevenson, San Francisco.
COST, \$9500

(300) S KEY 200 W Congdon. One and one-half-story and basement frame dwelling.

Owner..... L. Ferreiros, 3289 Mission, San Francisco.
Architect... None.

Contractor... Roberts & Woolfrey, 92 Ramona, San Francisco.
COST, \$1400

(301) SE ELLSWORTH & ENGENIA. Two-story and basement frame dwlg

Owner..... V. Iacona, 227 Ellsworth, San Francisco.
Architect... None.

Contractor... M. Novello, 74 Gladys, San Francisco.
COST, \$1900

(302) E TWENTY-SIXTH AVE 200 N Ulloa (1) N 25x120. All work for one-story and basement frame residence.

Owner..... Elsie Cahen, 1450 Castro, San Francisco.
Architect... Joseph Cahen, 45 Kearny, San Francisco.

Contractor... J. B. Woolfrey and L. J. Roberts, 3163 21st, S. F.

Filed Jan. 31, '14. Dated Jan. 26, '14
Frame up \$300.00
Brown coated 300.00

Enclosed & standing trim on. \$83.00

Completed and accepted..... 491.50
Usual 35 days 491.50
TOTAL COST, \$1966.00
Bond, \$983. Surety, Massachusetts Bonding & Insurance Co. Limit, 80 days from Jan. 28. Poifelt, \$5 Plans and specifications filed.

COMPLETION NOTICES.

San Francisco.

Jan. 23, 1914—SE PINE & POWELL
E 68-6xS 60. J H Bohlig to Geo H Stoffels..... Jan. 22, 1914

Jan. 23, 1914—W POLK 92-6 S Greenwch S 27-6x119. Jno and Louisa Flaherty to whom it may concern Jan. 22, 1914

Jan. 24, 1914—BUILDING ON CALIFORNIA Street side of block bdd by Sacramento, California, Taylor and Jones. Grace Cathedral Cpn to The Beach-Robinson Co..... Jan. 20, 1914

Jan. 24, 1914—NW ARMY & CHURCH W 86xN 35. Dudley Connor to L J Roberts and J B Woolfrey.....

Jan. 26, 1914—N FIFTH AND JESSIE NW 75xNE 175. J B Linkershim to MacDonald & Kahn..... Jan. 5, 1914

Jan. 26, 1914—S GREENWICH 157-6 W Grant Ave W 32-9x137-6. Mrs M or Marana or Markana Rittore to G Ferrone & Sons..... Jan. 26, 1914

Jan. 26, 1914—E PIEDMONT AND Ashbury Terrace NE 53xSE 55; Lot 20 except 5 feet. Alice D Hopper to W W Rednal..... Jan. 24, 1914

Jan. 26, 1914—S LOMBARD 27-6 E Scott E 27-6xS 100. Joseph A and Emily Ballarin to K H McKenzie & Co..... Jan. 24, 1914

Jan. 26, 1914—S DAY 180 W Castro S 214xW 25. Joseph Blattner to New Era Bldg Co..... Jan. 17, 1914

Jan. 27, 1914—S TWENTIETH 76 E Bryant E 24xS 52. Jnn O McAluffe to Walker Props..... Jan. 24, 1914

Jan. 27, 1914—W TOWNSEND AND Seventh. R Rosenberg & Sons Co to W C Boswell..... Jan. 24, 1914

Jan. 27, 1914—W SEVENTH AVE 127-6 S California 27-6x126. S J Sterner and Chas N Olsen to whom it may concern..... Jan. 27, 1914

Jan. 27, 1914—E NINETEENTH AVE 150 N Anza N 25x E 120. B J Hooper to whom it may concern.....

Jan. 28, 1914—NE CALIFORNIA AND Ellick Lane E 60xN 77-6. Ludwig Bless to Michael Demplenk.....

Jan. 28, 1914—NE NIAGARA AVE 128 NW Mission (as now existing) NW 25 NE 80 m or 1 SE 25 x W 80 m or 1. Wm J Joyce to whom it may concern..... Jan. 9, 1914

Jan. 28, 1914—N FAIRMONT 165-3 W Chenery W 25xN 125. Isabella M Sheffer to Thos Hamill, Jan. 24, 1914

Jan. 28, 1914—E MOULTREE 175 S Eugenia 25x75. P W Montroull to whom it may concern. Jan. 28, 1914

Jan. 28, 1914—W MOULTREE 100 S Eugenia 25x70. P W Montroull to whom it may concern..... Jan. 21, 1914

Jan. 28, 1914—SE SUTTER & JONES S 100x E 72. Starr & Larsen to H H Larsen & Bro..... Dec. 30, 1913

Jan. 28, 1914—SE SUTTER & JONES S 100x E 72. Starr & Larsen to N Clark & Sons..... Jan. 6, 1914

Jan. 28, 1914—SW RAILROAD AVE & Fairfax Ave (6th Ave) S 26-7 3-16 W

105-5 m or I N 25 E 91-4. J F Mohr to A Sarraile.....Jan. 28, 1914
Jan. 29, 1914—NW MARKET AND W East N to S Commercial W to a pt 481-8 E Drumm E 45-8 N 59-9 to a pt in N Sacramento 527-4 E Drumm E to Intersection of N Sacramento with NW Market NE to beg city slip Lots 48, 119, 121 and 122. Henry Cowell Linc & Cement Co to Contra Costa Constr Co.....Jan. 26, 1914
Jan. 29, 1914—PIER NO. 34 E East opp junction of S Beale and E Brannan. Western Pacific Railway Co (Lessee) to Healy-Tibbitts Constr Co.....Jan. 26, 1914
Jan. 29, 1914—W NINETEENTH AVE 25 S Anza S 50xW 82-5. Leigh & Schultz to whom it may concern.....Jan. 27, 1911
Jan. 29, 1914—W TENTH AVE 33-4 N Balboa N 33-4xW 95. Lot 17 BLK 293.... D C Heger to William C Hamerton & Son.....Jan. 27, 1914
Jan. 29, 1914—E FIFTEENTH AVE 75 N California 25x127-6. O E Anderson to whom it may concern.....Jan. 29, 1914

LIENS FILED

San Francisco.

Jan. 24, 1914—W FOURTEENTH AV 100 N Geary—50 W 127-6 S 50 E 127-6. Patrick J Kelly vs R F Beamer and Louis Heipner.....\$193
Jan. 24, 1914—W BRODERICK 130 S Lombard S 25x E 107-6. Jas Smith vs John H Cardinell et al.....\$22.50
Jan. 26, 1914—W FOURTEENTH AV 100 N Geary (Pt Lobos Ave) N 50 xW 127-6. Bennett Bros vs R F Beamer and L Heipner.....\$34.72
Jan. 26, 1914—SE POWELL & PINE S 60x E 68-6. Bill & Jacobson vs J H Bohlig and Geo H Stoffels.....\$219.90
Jan. 26, 1914—W FOURTEENTH AV 100 N Geary N 50xW 127-6. W F Porter, Inc vs R F Beamer.....\$130
Jan. 26, 1914—JUNCTION MARKET and Sutter 70 m or l on Market and 75 m or l on Sutter. Paul Neuman or Neumann vs Albert Meyer and Isaac Liebes and Jupiter Switch Board Co.....\$144.60
Jan. 26, 1914—SE POWELL & PINE S 60x E 68-6. Baker & Hamilton to J H Bohlig & Geo H Stoffels.....\$95.48
Jan. 27, 1914—W FOURTEENTH AV 100 N Geary N 50xW 127-6. Pacific Hardware & Steel Co vs R F Beamer, Frances Glass Beamer and L Heipner.....\$80.27
Jan. 27, 1914—SE PINE & POWELL E 65-6xS 60. Boscus Bros vs John H Bohlig and Geo H Stoffels.....\$247
Jan. 27, 1914—LOT 1 BLK 329 South San Francisco Hd & R R Ass'n Howes Lumber Co vs Jos Tarbett, Fred Knott, Thos R and Mary Smith.....\$189.03
Jan. 28, 1914—W STOCKTON 137-6 N Sacramento N 40xW 100. Michel and Pfeffer vs J J Gintjee.....\$103.50
Jan. 29, 1914—SW PALOU AVE (16th Ave South) 50 NW Lane NW 25x SE 100. Eureka Sash, Door & Moulding Mills vs Thomas R and Mary Smith and Tarbett & Knott.....\$174.30
Jan. 29, 1914—SW PALOU AVE (16th Ave South) 50 NW Lane NW 25xSW 100. Eureka Sash, Door & Mould-

ing Mills vs J F Haner, James Tarbett, Fred Knott (co-partners as Tarbett & Knott).....\$161.75

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE—2 story and base, frame, \$9,000. Oakland, Cal Architect, William Knowles, Hearst Bldg., S. F. Owner, Mr. A. Vernon. The dwelling will be erected on lots 4 and 5 in the Claremont Tract, and has been designed for an eight-room dwelling with two baths, sleeping porch and a garage. Interior finish will be of pine, redwood and hardwoods. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Plans also provide for a vacuum cleaning system and automatic water heaters. Bath rooms will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and bids are now being taken.

BUNGALOW—1½ story and base, frame, \$3,000. Oakland, Cal Architect, none. Owner, John Peacock, 2512 Chester street, Oakland. The dwelling will contain seven rooms and bath. Interior finish will be largely of pine with some elm panels used in the living and dining rooms. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room will have composition floor and tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are in the hands of the owner and work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$2,000. Oakland, Cal. Architect, none. Owner, E. J. Lloyd, 1057 Walker avenue, Oakland. The dwelling will be erected on Rand avenue and will contain seven rooms and bath. All interior finish will be of pine or redwood. There will be a large open fire place in the living room with brick mantel. Oak floors will be used in the dining room and living room. There will be an automatic water heater installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials will be purchased by the owner.

RESIDENCE—2 story and base, frame, \$1,500. Berkeley, Alameda Co., Cal. Architect, none. Owners, Junk-Riddell Co., 2247 Telegraph avenue, Berkeley. The dwelling has been designed for a seven-room house and will be erected in North Crugmont. Interior finish will be of pine and redwood with some elm panels in the dining room. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with shingles. Plans are complete and the owners will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$3,500. Oakland, Cal. Architects, Elite Planners, 1814 5th avenue,

Oakland. Owner, O. F. Fisher. The dwelling will be erected in the Country Club Heights, and has been designed to contain seven rooms, bath and sleeping porch. All interior trim will be of pine or redwood. Hardwood floor will be used in the principal rooms. There will be open fire places and tile or brick mantels. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. A hot air furnace will also be installed. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

RESIDENCES—7, 2 story and base, frame, \$1,500 each. Oakland, Cal. Architect, none. Owners, Banning and Stewart, Broadway, Oakland. These dwellings will be erected in Claremont Manor, and each house has been designed for seven rooms, sleeping porch and a bath. Pine and hardwood veneer will be used for interior finish. Floors in the principal rooms will be of hardwood. There will be furnace heat and open fire places. Mantels will be of brick and tile. Automatic water heaters will be installed. Bath rooms will be finished with composition floors and tile wainscot. Tile wainscot will also be used in the kitchens. Exteriors will be covered with cement plaster on metal lath. Plans are nearly complete and the work will be done by Day Labor. All materials will be purchased by the owners.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Dr. E. L. Loring. This dwelling, which is to be erected on Bushnell Place, has been designed for an eight-room house with two baths and a sleeping porch. Interior finish will be of pine, hardwood veneer and white enamel. Oak floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath rooms will have composition floors and tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

BUNGALOW—1½ story and base, frame, \$3,000. Alameda, Alameda Co., Cal. Architects, Elite Planners, 1814 5th avenue, Oakland. Owner, C. C. Adams. The dwelling will be erected in the Waterside Terrace District, and has been designed for a six-room house. Interior will be finished in pine with some elm panels in the dining room. Oak floors will be used and plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater is specified. Bath rooms and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$18,000. Berkeley, Alameda Co., Cal. Architect, H. W. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owner's name withheld. This dwelling will be erected in the Claremont Tract and will cover a large ground area. The

design is in the Spanish style with the exterior covered with cement plaster on metal lath and the roof of clay tile. Interior will be arranged for twelve rooms, several baths and sleeping porches. Pine and hardwood will be used for interior trim. Oak floors will be used in the principal rooms. Plans provide for steam heat, vacuum cleaning system, a hot water supply and open fire places. Mantels will be of tile. Tile floors and wainscot will be used in the bath rooms. Plans are now being prepared.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove 2911 Telegraph avenue, Berkeley. Owner, W. W. Grove. The dwelling will be erected in Claremont, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine, redwood and some hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot and composition floor will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCE—2 story and base, frame, \$3,000. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue. Oakland. Owner, A. Cederborg. The dwelling will be erected in the Country Club Tract, and will contain seven rooms, bath and sleeping porch. All interior finish will be of pine. Hardwood floors will be used in the living room and dining room. There will be open fire places and tile mantels. Bath room and kitchen will have the wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor under the direction of the architects.

RESIDENCE—2 story and base, frame, \$4,000. Berkeley, Alameda Co., Cal. Architect, Maury L. Biggs, 2447 Gowitch street, Berkeley. Owner, George F. Drake. The dwelling will be erected on Claremont avenue near Alcatraz, and has been designed for an eight-room house with bath. Interior will be finished in pine and redwood with some white enamel. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater is specified. Fifth room will have composition floor and tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame. Cost not stated. Oakland, Cal. Architects, Milwain Bros., Delger Bldg., Oakland. Owner, Frederick A. Allard. This house has been mentioned here before when plans were first started. The dwelling will be erected in the Crocker Highlands Tract, and has been designed to contain seven rooms, bath and sleeping porch. Interior will be finished in pine with some elm panels. Oak floors will be used in the living

and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

FIREHOUSES—3, 2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, City of Berkeley. These buildings will be erected in North Berkeley, South Berkeley and Claremont. Each station will provide space for one piece of apparatus and sleeping quarters for the men. Interior finish will be of pine throughout. Modern plumbing and electric work will be installed. Exteriors will be faced with cement plaster on metal lath. Plans will be completed shortly and figures will be called. Further mention will be made of the work at that time.

OIL REFINERIES, TANKS, PIPE LINE, OFFICE, ETC.—\$150,000. Oakland, Cal. Engineer, Engineering Department, Pacific States Oil Refineries Co., 410 Sutter street, S. F. Owners, Pacific States Refineries. Plans are now complete for rehabilitating the plant recently destroyed by fire. Architect, Walter H. Parker, Holbrook Bldg., has prepared plans for a warehouse, corrugated iron construction, 200 by 100 feet, and for an office building, one story frame construction, which will be erected at once by Day Labor. Included in the plans for the mechanical equipment are a number of large steel tanks, pipe and pipe lines, pumps, condensers and stills. Practically all work will be done by Day Labor. Full particulars can be secured from the San Francisco offices of the owners.

SEWER CONSTRUCTION—\$70,000. Berkeley, Alameda Co., Cal. Engineer, City Engineer Jessup, Berkeley. Owners, City of Berkeley. Plans have been approved for the construction of the University outfall sewer and bids are now being called. Plans and specifications can be secured from the City Engineer. Recently a large sewer contract was let by the city of Berkeley, and following the award of contract for the University avenue sewer, bids will be called for on a third large sewer job.

STORES AND OFFICES—2 story and base, steel and brick. Cost not stated. Oakland, Cal. Architect, William Wilde, Albany Bldg., Oakland. Owner, B. M. Cianciarulo. This work has been mentioned here before. The building will be erected on the west side of Broadway north of 17th street, having a frontage of 25 feet and a depth of 125 feet. Plans have been prepared for three additional stories which will be added later. There will be a complete steel frame, brick exterior walls, faced with pressed brick and terra cotta. Interior finish will be of pine throughout. Some marble and tile will be used. There will be metal window sash and frames and patent stone fronts. Steam heat will be installed. Plans are complete and figures are being taken.

OFFICES—18 story and base. Class A construction. Cost not stated. Oak-

land, Cal. Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owners, A. L. and George Lavenson et al. Architect C. W. Dickey is now in the East studying the latest of the Eastern office buildings with the purpose in view of incorporating the most modern ideas in the proposed eighteen-story skyscraper which is to be erected at the southwest corner of Washington and 14th streets, Oakland. This property, directly opposite the new City Hall, has been leased for a period of fifty years from the Regents of the University of California. A recently formed corporation composed of A. L. and George Lavenson, Carl Plant, Henry Wisking, Henry Manheim, Alfred Kutter and C. J. Heeseman will erect the building. The structure will be of the Class A type, covering an area of 100 feet square. Construction will be started as soon as Mr. Dickey can complete working drawings.

Contracts Awarded.

CITY HALL MASTER CLOCK SYSTEM—\$1,029. Oakland, Cal. Architects, Palmer & Hornbostel, New York, Associate Architect G. F. Ashley, Oakland. Owners, City of Oakland. Contractors, Standard Electric Time Co., S. F. Contract price, \$4,029.

Building Contracts Awarded

Oakland.

No.	Owner	Contractor	Amt.
151	Webster	Burnett	1000
152	Oakland	Fuller	7719
153	Danish-Am	Nielsen	7803
154	Elston	Barrett	4732
155	Heronson	Person	1700
156	Butean	Jorden	1000
160	Healy	Phael	3589
161	Tallman	Bradhoff	5915
162	Phillips	Enos	400
163	Auerbach	Auerbach	1800
164	Mendell	Vaughn	1225
165	Owens	Buttton	600
167	Pacific States R.	Phael	2538
169	Lloyd	Lloyd	3000
170	Peacock	Peacock	3000
171	Rankin	Larmer	3400
172	Barry	Barry	1300
173	Gayette	Brown	1000
174	Oakland	Kennedy	3293
175	Jordan	Flittner	7221
177	Pacific States R.	Owner	600
178	Same	Same	4500
184	Gerson	Corbett	450
185	Forrest	Rutherford	2225
186	Evers	Johnson	1475
187	Kirkland	Werner	500
188	Danforth	Sueell	500
189	Piperis	Papas	400
190	Elkens	Sueell	1000
191	Lecombe	Lecombe	2200
192	Wixson	Garcia	800
193	Ench	Thibbets	400
194	Wiser	Wiser	2000
195	Goodspeed	Unltd Bldrs	3500
196	Owen	Littinn	1365

(151) S FOURTEENTH 80 E Clay, Oakland. Alterations.

Owner.....Fred Webster, Oakland. Architect.....None.

Contractor.....Bruce B. Burnett, Pantages Bldg., Oakland. COST, \$1000

(152) FOURTEENTH & WASHINGTON, Oakland. Glass and glazing of City Hall.

Owner.....City of Oakland. Architect.....None.

Contractor.....W. F. Fuller & Co., 239 10th, Oakland. COST, \$7719

(153) N ELEVENTH 188-8 1/2 E Jackson E 50XN 160, Oakland. All work for two-story frame lodge and hall building.

Owner.....Danish-American Hall Association, 1097 Broadway, Oakland.

Architect...Ivan C. Satterlee, 470 13th, Oakland.

Contractor...J. C. Nielsen, 849 Athens Ave., Oakland.

Filed Jan. 26, '14. Dated Jan. 24, '14.

Frame up\$1950

1st coat plaster on 1950

Completed and accepted..... 1950

Usual 35 days..... 1953

TOTAL COST, \$7803

Bond, \$3903. Sureties, A. W. Anderson and S. J. Bertelsen. Limit, 90 days. Forfeit, none. Plans and specifications filed

(154) SE TELEGRAPH AVE AND Durant Ave th along E line Telegraph Ave 90 E 110 N 90 S 110, Berkeley. Excavating, grading and concrete work, etc, for five-story Class "C" apartments.

Owner.....J. A. Elston, 1st National Bank Bldg., Berkeley and George Clark S. F.

Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., Bkly.

Contractor...Barrett & Hilp, Sharon Bldg., San Francisco.

Filed Jan. 26, '14. Dated Jan. 26, '14.

Excavation completed\$1200.00

Completed and accepted..... 2349.75

Usual 35 days..... 1183.25

TOTAL COST, \$4733.00

Bond, \$2367. Surety, Fidelity & Deposit Co. Limit, 40 days. Forfeit, \$20. Plans and specifications filed.

(155) S WENTWORTH 130 E 51st Ave., Oakland. One-story 5-room dwelling.

Owner.....T. S. Peterson, 2035½ Parker, Berkeley.

Architect...None.

Day's work. COST, \$1700

(156) NO. 370 EDWARDS, Oakland. Alterations and additions.

Owner.....Dr. S. H. Butean, 2702 Telegraph Ave., Oakland.

Architect...None.

Contractor...M. C. Jerden, 2729 Vallecito Place, Oakland.

COST, \$1000

(160) N CROXTON AVE 150 E Piedmont Ave., Oakland. Two-story 11-room flats.

Owner.....John J. Healy, 24 Stall Ave., Oakland.

Architect...Hutchinson Bros., 470 13th, Oakland.

Contractor...L. H. Phenl, 2557 San Pablo Ave., Oakland.

COST, \$3589

(161) PTN LOT 65 Map Park View Tract No. 2, Piedmont. All work for two-story and basement dwelling and garage.

Owner.....Mrs. Louise H. Tallman, Piedmont.

Architect...Wilson J. Wythe, Central Bank Bldg., Oakland.

Contractor...C. O. Bradhoff, 5502 Market, Oakland.

Filed Jan. 27, '14. Dated Jan. 24, '14.

Frame up, roofs sheathed and chimneys built\$1475

1st coat plaster on 1375

Completed and accepted..... 1475

Usual 35 days..... 1490

TOTAL COST, \$5915

Bond, \$2957.50. Surety, Southwestern Surety Insurance Co. Limit, 90 days

from date of filing. Forfeit, \$2. Plans and specifications filed.

(162) S E-NINETEENTH 150 E 18th Ave., Oakland. Barn.

Owner.....John Phillips, 1722 18th Ave., Oakland

Architect...None.

Contractor...Antonio Enos, 1834 E-16th, Oakland.

COST, \$400

(163) W FIFTY-FIRST AVE 60 S Ygnacio, Oakland. One-story five-room dwelling.

Owner.....Mary L. Auerbach, 389 Bellevue, Oakland.

Architect...None.

Day's work. COST, \$1800

(164) NW LYDIA AND CURTIS, Oakland. One-story store.

Owner.....J. M. Mendel, Berkeley.

Architect...None.

Contractor...M. C. Vaughn, 5833 Ayaia, Oakland.

COST, \$1225

(165) NO. 350 SIXTY-THIRD, Oakland Alterations.

Owner.....J. A. Owens, Premises.

Architect...None.

Contractor...I. W. Button, 347 63rd, Oakland.

COST, \$600

(167) LOT 60 Map Oak Park Tract, being N Croton Ave 150 E Piedmont Ave., Oakland. All work for two-story flats.

Owner.....John J. Healy, 24 Stall Ave., Oakland.

Architect...Hutchinson Bros., 470 13th, Oakland.

Contractor...L. H. Phenl, 2557 San Pablo Ave., Oakland.

Filed Jan. 28, '14. Dated Jan. 12, '14.

Frame up and enclosed..... ¼

Brown coated ¼

Completed and accepted..... ¼

Usual 35 days..... ¼

TOTAL COST, \$3589

Bond, none. Limit, 65 days after Jan. 27. Forfeit, \$1 a day. Plans and specifications, none.

(169) S RAND AVE 40 E Cottage, Oakland. Two-story 7-room dwlg.

Owner.....E. J. Lloyd, 1057 Walker Ave., Oakland.

Architect...None.

Day's work. COST, \$3000

(170) NE VICKSBURG AND FOOT Hill Blvd., Oakland. One and one-half-story 7-room dwelling.

Owner.....John Peacock, 2512 Chester Oakland.

Architect...None.

Day's work. COST, \$3000

(171) S PALA AVE 200 N Highland, Piedmont. Two-story residence.

Owner.....J. L. Rankin, College and Claremont Aves., Okd.

Architect...None.

Contractor...Edw Larmer, 470 Boulevard Way, Oakland.

COST, \$3400

(172) S MONTCLAIR AVE 190 W Park, Oakland. One-story 6-room dwelling.

Owner.....Barry Bldg. Co., 2527 Market, Oakland.

Architect...None

Day's work. COST, \$1900

(173) W 8 Cherry, Oakland. One-story 3-room dwelling.

Owner.....E. Gayette, 9821 "B." Okd.

Architect...None.

Contractor...Tom Brown, 3642 89th Ave Oakland.

COST, \$1000

(174) FOURTEENTH AND WASHINGTON, Oakland. Cork floors for City Hall.

Owner.....City of Oakland.

Architect...None.

Contractor...David E. Kennedy, Inc., Sharon Bldg., S. F.

COST, \$7293

(175) E HADDON HILL ROAD 315 N Hillgirt Circle, Oakland. Two-story 11-room dwelling.

Owner.....Jeanette A. Jordan, 615 Haddon Hill Rd, Oakland.

Architect...Geo. E. McCrea, 1st Nat'l Bank Bldg., Oakland.

Contractor...Jos. Flittner, 1700 35th Ave., Oakland.

COST, \$7221

(177) S STEWART 125 E Fruitvale Ave., Oakland. One-story 3-room office.

Owner.....Pacific State Refineries, 110 Sutter, San Francisco.

Architect...None.

Day's work. COST, \$600

(178) E FRUITVALE AVE 30 N Stewart, Oakland. Two-story corrugated iron warehouse

Owner.....Pacific State Refineries, 110 Sutter, San Francisco.

Architect...Walter Parker & Co., 58 Sutter, San Francisco.

Day's work. COST, \$4800

(184) NE TWELFTH AND WASHINGTON, Oakland. Alterations.

Owner.....A. W. Gerson, 503 14th, Oakland.

Architect...None.

Contractor...Corbett & Bayless, 1110 Franklin, Oakland.

COST, \$450

(185) N THIRTY-SEVENTH 240 E Linden, Oakland. One-story 6-room dwelling.

Owner.....Mrs. Hamilton Forrest, 3417 Magnolia, Oakland.

Architect...None.

Contractor...Thos. Rutherford, 985 35th, Oakland.

COST, \$2225

(186) W WALLACE 750 N E-24th, Oakland. One and one-half-story 5-room dwelling.

Owner.....E. F. Evers, 2722 14th Ave., Oakland.

Architect...None.

Contractor...Ben O. Johnson, 2014 E-30th, Oakland.

COST, \$1475

(187) 3329 BROADWAY, Oakland. Bake oven.

Owner.....A. W. Kirkland, 67 Santa Clara Ave., Oakland.

Architect...None.

Contractor...Werner & Pfluderser, Prem

COST, \$500

(188) N ELEVENTH 100 W Franklin, Oakland. Alterations.

Owner.....Mrs. Danforth.

Architect...Nona.

Contractor...D. J. Snel, 2525 Adeline, Oakland.

COST, \$500

(189) N SEVENTH 109 W Campbell, Oakland. One-story bake shop. Owner...S. S. Piperis, 1660 7th, Okd. Architect...None. Contractor...John Papas, 1660 7th, Okd. COST, \$100

(190) W FRANKLIN 75 N Eleventh, Oakland. Alterations. Owner...Elkins & Ginsburg. Architect...None. Contractor...D. J. Snel, 2525 Adeline, Oakland. COST, \$1000

(191) S GLENDALE AVE 70 E Manila Ave., Oakland. One-story five-room dwelling. Owner...A. H. Leconte, 2156 Herman, Oakland. Architect...None. Day's work. COST, \$2200

(192) NO. 5556 MARSHALL, Oakland. Alterations and repairs. Owner...R. S. Wixon, Premises. Architect...None. Contractor...F. H. Garcia, Oakland. COST, \$300

(193) NE TWELFTH AND MADISON, Oakland. Roof repairs. Owner...Mrs. F. Ench, 2525 10th Ave., Oakland. Architect...None. Contractor...Tibbets Roofing Co., 2135 Telegraph Ave., Oakland. COST, \$100

(194) W TRASK 300 N Ygnacio, Oakland. One-story 5-room dwelling. Owner...G. J. Wiser, 5415 Foothill Blvd., Oakland. Architect...None. Day's work. COST, \$2000

(195) W KINGSTON AVE 125 S Greenbank, Piedmont. Two-story residence and garage. Owner...Marion L. Goodspeed, 3153 Howe, Oakland. Architect...None. Contractor...United Home Bldrs., 1762 Broadway, Oakland. COST, \$2500

(196) LOT 18 BLK "B" Map Linda Rosa Tract, Oakland. All work for one-story 4-room dwelling. Owner...Mrs. M. A. and Llewellyn Owen, 1618 55th Ave., Okd. Architect...None. Contractor...Roy B. Litton, Oakland. Filed Jan. 31, '14. Dated Jan. 30, '14. Roof shingled \$341 Plastered 341 Completed and accepted 341 Usual 35 days 342 TOTAL COST, \$1365

Bond, none. Limit, 60 days after Feb. 1. Forfeit, none. Plans and specifications filed.

Building Contracts Awarded

Berkeley.

No.	Owner	Contractor	Amt.
153	Quenzel	Quenzel	1000
157	Anderson	Anderson	2500
158	Masonic Temple	Krieger	400
159	Hiestler	Holmes	1500
166	Oja	Oja	1800
176	Drake	Diggs	4000

(150) E CURTIS 415 S Gilman, Berkeley. One-story 4-room dwelling. Owner...E. Quenzel, 1333 Curtis, Berkeley. Architect...None. Day's work. COST, \$1000

(157) N SONOMA 109 E Monterey, Berkeley. Two-story 6-room dwlg. Owner...J. J. Anderson, 1911 Berkeley Way, Berkeley. Architect...A. W. Smith, 1010 Broadway, Oakland. Day's work. COST, \$2500

(158) E SHATTUCK AVE 75 N Bancroft, Berkeley. One-story store. Owner...Masonic Temple Ass'n. Architect...None. Contractor...C. J. Krieger, 1062 Mariposa Ave., Berkeley. COST, \$400

(159) N CHANNING WAY 50 E Roosevelt Ave., Berkeley. One-story 5-room dwelling. Owner...Cyres Heister, 1731 California, Berkeley. Architect...None. Contractor...A. S. Holmes, 963 Nielson, Berkeley. COST, \$1500

(166) N DERBY 160 W Mager, Berkeley. One and one-half-story six-room dwelling. Owner...Wm. Oja, 2419 9th, Bkly. Architect...None. Day's work. COST, \$1800

(176) NE CLAREMONT off Alcatraz Ave., Berkeley. Two-story eight-room dwelling. Owner...Geo. F. Drake, 1734 10th, Oakland. Architect...M. I. Diggs, 2444 Bowditch, Berkeley. Contractor...M. I. Diggs, 2444 Bowditch, Berkeley. COST, \$4000

Building Contracts Awarded

Alameda.

No.	Owner	Contractor	Amt.
168	Weinmann	Delaney	6180
179	Assoc. Students	Owner	1500
180	Hooper	Strang	2800
181	Rudd	Rudd	1800
182	Hillen	Hillen	2000

(168) W PARU 90 N Dayton Ave. N 60 W 150, Alameda. All work except electric wiring, electric fixtures and gas fixtures, shades and finish hardware for two-story and basement dwelling. Owner...L. R. Weinmann, 1315 Dayton Ave., Alameda. Architect...None. Contractor...Delaney & Rundlett, 2303 Central Ave., Alameda. Filed Jan. 28, '14. Dated Jan. 27, '14.

Frame up	1/4
Plastered	1/4
Completed	1/4
Usual 35 days	1/4
TOTAL COST, \$6180	

Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(179) ALAMEDA POINT, Alameda. Boat house. Owner...Associated Students, University of California, Bkly. Architect...None. Day's work. COST, \$1500

(180) NO. 1350 EIGHTH, Alameda. One-story 7-room dwelling. Owner...C. A. Hooper & Co., Balboa Bldg., San Francisco. Architect...V. N. Strang, 1319 Burbank, Alameda. Contractor...F. N. Strang, 1319 Burbank, Alameda. COST, \$2800

(181) NO. 1814 NINTH, Alameda. One-story 5-room dwelling. Owner...C. K. Rudd, 1305 Lincoln Ave., Alameda. Architect...None. Day's work. COST, \$1800

(182) NO. 1546 MOZART, Alameda. One-story 5-room dwelling. Owner...R. C. Hillen, Fenside and Liberty Ave., Alameda. Architect...None. Day's work. COST, \$2000

COMPLETION NOTICES.

ALAMEDA COUNTY

Jan. 23, 1914—S E-SEVENTEENTH 127.50 W 57th Ave 40x100, Okd. James McGuinness to whom it may concern.....Jan. 19, 1914
Jan. 23, 1914—LOTS 23 AND 24 BLK 11 Map Oak Ridge Claremont, Bkly Alice M Sykes to Patrick Nelson Bldg Co.....Jan. 17, 1914
Jan. 23, 1914—LOT 32 BLK "A" Map Bay Park Tract, Ala. Mathilda Anderson to Sorensen Bros.....Jan. 19, 1914
Jan. 23, 1914—SIXTY-FIFTH NO. 1063, Okd. Giuseppe Cozzo to Molinari & De Lucia.....Jan. 15, 1914
Jan. 24, 1914—S PARKER, bet Hille-gass and Benvenia, Bkly. Mrs Erik O Lindblom to Anthony & Heyer.....Jan. 24, 1914
Jan. 24, 1914—SW MESA AVE 150 NW Park Way NW 50xSW 130, Oakland T. L C and E P Grimwood to Alfred Olson.....Jan. 23, 1914
Jan. 26, 1914—LOT 4 Map Shdvn Lot 46 of Bray Tract, Okd. John Handschumacher to E C Sydes.....Jan. 24, 1914
Jan. 26, 1914—LOT 15 BLK 4 Map Rock Ridge Place, Okd. A H Dana to Charles N Grant.....Jan. 23, 1914
Jan. 27, 1914—SE TWELFTH AVE 100 NE E-14th SE 50xSW 100, Okd. Myrle B Sill to C A Doss, Jan. 27, '14
Jan. 27, 1914—SE E-THIRTY-THIRD and SE Elliot SE 35xSW 112 1/2, Okd J W Sears to F N Fahlgren, Jan. 22, '14
Jan. 28, 1914—LOT 3 BLK "T" Map Mastick Park, Ala. Mark T Cole to whom it may concern, Jan. 24, 1914
Jan. 28, 1914 (1) LOT 17 BLK 16; (2) Lot 20 Blk 14, Regents Park No. 4, Albany. Carl Ericsson to whom it may concern, Jan. 19, 1914
Jan. 28, 1914—SE SIXTEENTH AND San Pablo Ave NE 18xS SE 80.10 SW 36.42 SW 75.19 N 67.46, Okd. First Trust & Savings Bank by P J Walker Co to Foster Vagt Co.....Jan. 21, 1914

LIENS FILED.

ALAMEDA COUNTY.

Jan. 22, 1914—LOT 19 BLK 24 Map Melrose Heights, Okd. George F Anderson vs R Dunker.....\$60.23
Jan. 22, 1914—BDED ON N BY AR-

Hington Road, E by San Luis Road, S Arlington Villa Sites, W by Arlington Road, Oakland Tp. W M Champion & Son, \$505.91; Eugene Ehret, \$1194.70; Germanstone Floor Co., \$310.75 vs J H Spring and Patrick Nelson Bldg Co. . . . \$108.35
Jan. 23, 1914—LOT 13 AND E 20 LOT 14 Map Blvd Terrace, Okd. H B Henderson vs H S White, . . . \$1200
Jan. 26, 1914—NW COUNTY ROAD 818-500 NE County Road 1546 NE 250 NW 900, Alameda County. Anspacher Bros vs Alfred Mayer, . . . \$108.35
Jan. 28, 1914—BOUNDED ON E & N by San Luis Road on W, NW and SW by Arlington Road, S Blk 2 Map Arlington Villa Sites, Bkly. Geo H Tay Co vs Eugene Ehret and John H Spring, . . . \$807.63
Jan. 30, 1914—LOT 2 BLK "C" Map Elmcrest, Okd. Reliance Mill & Lumber Co vs F J Corum and Martha Corum, . . . \$400.60
Jan. 30, 1914—W SHATTUCK AVE 53 5-12 N Addison N 53 5-12xW 150, Bkly. George Stoddard, \$82.07; J L Donovan, \$68.30 vs Jonathan G Wright and J D Hendrix, . . .
Jan. 21, 1914—BOUNDED ON E & N by San Luis Road on W and NW and SW by Arlington and S Blk 2 Map Arlington Villa Sites, Oakland Tp. Wm Makin, \$2654; Pacific Mfg Co, \$5179.15 vs Patrick Nelson Bldg Co and J H Spring, . . .

SAN JOSE & SANTA CLARA CLARA VALLEY.

RESIDENCE—2 story and base, frame, \$15,000. Palo Alto, Santa Clara Co., Cal. Architect, Smith O'Brien, Humboldt Bank Bldg., S. F. Owner, Mrs. Henry Allen. The dwelling will be erected on a large lot and has been designed in the Mission style. A garage will also be erected in the rear. The house will contain about twelve rooms, several baths and sleeping porch. Interior will be finished in pine and redwood with some hardwood veneer. Oak floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling and garage will be covered with cement plaster on metal lath. Plans are complete and ready for figures.

CITY HALL—2 story and base, reinforced concrete, \$40,000. San Mateo, San Mateo Co., Cal. Architects, Havens & Toepke, 46 Kearny street, S. F. Owners, City of San Mateo. Plans for the construction of this building have been completed and approved by the City Council. The building will house the city offices and the main fire station. Interior finish will be of pine, oak and mahogany. There will be furnace heat, a vacuum cleaning system and hot water supply. Special plumbing will be used in the fire station. Fireproof vaults will be constructed for the City Treasurer's office. Exterior will be faced with pressed brick. Some ornamental plaster and marble will be used. The second floor will be given over to the council chamber. Plans are complete and out for figures. Bids will be opened on February 9th. Plans and specifications can be secured from the architects.

CITY HALL—2 story and base, frame. Cost not stated. Daly City, San Mateo Co., Cal. Architects, Smith & Stewart, 244 Kearny street, S. F. Owners, Daly City. The building will be arranged to contain the offices of the various city departments, stations for the police and a large auditorium. Interiors will be finished in pine throughout. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken. Bids will be opened on February 9th. Plans and specifications can be secured from the architects.

HIGHWAY CONSTRUCTION—Cost not stated. San Mateo County and San Diego County. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids will be opened on February 24th for the construction of approximately four miles of highway in San Mateo County of Portland cement, concrete and asphalt surface, and for approximately 11½ miles of highway in San Diego County to be constructed of Portland cement and concrete. Plans can be secured from the State Highway Commission at Sacramento. An official proposal appears in another column of this issue.

Building Contracts.
SANTA CLARA COUNTY.
N SEAMORE, 2nd Lot W of Spring, San Jose. Three-room bungalow. Owner, . . . E. M. Johnson, 460 Spring St., San Jose.
Architect, . . . None.
Contractor, . . . M. Rayner, E San Jose.
COST, \$500
E THIRTEENTH, 4th Lot N San Salvador, San Jose. One and one-half-story residence.
Owner, . . . P. E. Peterson, 722 S-Fifth St., San Jose.
Architect, . . . A. P. Hill, Elks' Bldg., San Jose.
Contractor, . . . P. E. Peterson, 722 S-Fifth St., San Jose.
COST, \$2850

NO. 54 N-ELEVENTH, San Jose. Two-room addition on rear of residence.
Owner, . . . Mrs. Dr. Barth, Premisas.
Architect, . . . None.
Contractor, . . . H. De Smit, 298 N-11th St., San Jose.
COST, \$500

NW KING ROAD AND ALUM ROCK Ave., San Jose. Four-room residence and store.
Owner, . . . Joseph Julia, Premisas.
Architect, . . . None.
Day's work, . . .
COST, \$500

NO. 62 ST. MARY ST., San Jose. Five-room cottage.
Owner, . . . J. G. Luebben, 857 Delmas Ave., San Jose.
Architect, . . . None.
Day's work, . . .
COST, \$1000

Liens Filed.

SAN MATEO COUNTY.

RECORDED AMOUNT
Jan. 27, 1914—LOT 34 BLK 20,

Crocker Estate Tract, San Mateo. John F. Bounhard vs Edith M. Johnson, . . . \$1094.51
Jan. 27, 1914—LOT 418 Mission Street Extension Homestead, San Mateo County. E J Gallagher vs Eliza B. Cumming, . . . \$62

LIENS RELEASED.

SAN MATEO COUNTY.

RECORDED AMOUNT
Jan. 22, 1914—LOT 1 BLK NO. 17, San Carlos. G H Andrews to John H Plattner, . . . \$37.50

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

BUNGALOW—1½ story and base, frame. Cost not stated. San Anselmo, Marin Co., Cal. Architect, Henry Sherman, Mills Bldg., S. F. Owner, H. N. McMullin. This dwelling has been designed for a double bungalow, and will contain two five-room dwellings with baths and sleeping porches. Interiors will be finished in pine throughout. Built in sideboards and seats will be used. Oak floors are specified in the living and dining rooms. There will be two large open fire places with brick mantels. Bath rooms and kitchen will have tile wainscot. Automatic water heaters will be installed. Exterior of the house will be covered with shingles. Plans are complete and ready for figures.

BATH HOUSE—1 story, reinforced concrete. Cost not stated. San Rafael, Marin Co., Cal. Architect, Thomas O'Connor, 104 D street, San Rafael. Owners, City of San Rafael. This work has been mentioned here before when plans were being prepared. Working drawings have been completed and received the approval of the City Trustees and figures are now being called. Bids will be opened on February 9th. Plans and specifications can be secured from the architect. Construction will be of reinforced concrete throughout. Exterior will be faced with cement plaster. Mechanical equipment, modern bath house plumbing and electric work will be included in the general contract.

LIENS FILED

MARIN COUNTY

RECORDED AMOUNT
Jan. 27, 1914—ROSS, Ma. In Co. Ches Weber vs Ida Orlich, . . . \$117

FRESNO, MODESTA, SANISLAUS AND CENTRAL CALIFORNIA.

HOTEL—2 story and base, brick. Cost not stated. Riverbank, Stanislaus Co., Cal. Architect, Henry Sherman, Mills Bldg., S. F. Owner, D. S. Grant. The building will be erected on Main street, having a frontage of 50 feet by a depth of 85 feet. There will be a number of small stores on the first floor besides the hotel lobby, office and dining room. Upper floors will contain 35 guest rooms and a number of public and private baths. Interior finish will be of pine throughout. There will be steam heat and an oil



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burning plant. Bath rooms will have composition floors and tile wainscot. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and work will be started at once. The owner will probably let a general contract.

LIBRARY—1 story and base, reinforced concrete and brick, \$18,000. Coalings, Fresno Co., Cal. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owners, High School Library District. The building has been designed in the classic style and construction will be practically fire-proof. Plans provide for a reading room, reference room, office and stack rooms. Interior finish will be of pine with maple floors. There will be steam heat, oil burning system and vacuum cleaning. Metal shelves and metal window sash and frames are specified. Exterior of the building will be faced with pressed brick. Plans have been completed and approved and are now out for figures. Bids will be opened on February 20th. Plans and specifications can be secured from the architects.

Building Contracts.

FRESNO COUNTY.

LOT 2 BLK 153, Sanger. All work for one-story brick school building.
Owner.....Board of School Trustees of Sanger Grammar School District.
Architect...J. J. Carl Thayer, Fresno.
Contractor...Trebuilt-Shields Co., Fresno.

Filed Jan. 27, '14. Dated Jan. 23, '14.
25% of contract price to be paid 35 days after completion.....
75% of work completed each month to be paid the last of each month.....

TOTAL COST, \$23,725

Bond, \$12,000. Surety, Massachusetts Bonding & Insurance Co. Limit, 100 working days. Forfeit, none. Plans and specifications filed.

REAR 85 FEET LOTS 17 TO 20 BLK 219, Fresno. Remodeling of brick warehouse.

Owner.....Fresno Warehouse Co., Fresno.
Architect.....None.
Contractor...A. Allen, Fresno.

Filed Jan. 23, '14. Dated Jan. 23, '14.
Brick work completed.....\$500
Roof in place.....500
Completion of building.....600

Usual 35 days.....600

TOTAL COST, \$2200

Bond, \$1100. Surety, Southwestern Surety Insurance Co. of Durant, Oklahoma. Light, March 1, 1914. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

FRESNO COUNTY.

RECORDED ACCEPTED
Jan. 30, 1914—LOTS 13 AND 14 IN 2.
Sunset Tract, Fresno. Margt and Winifred N Wear to Williams & Harrington.....Jan. 29, 1914.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

BUNGALOWS—2, 1 story and base, frame, \$2,000 each. Sacramento, Cal. Architect, none. Owners, Fred and H. Uhl, 2 Uhl Court, Sacramento. These two houses will be erected in Uhl Court on lots 15 and 16. Each house has been designed for a five-room dwelling with bath. Interiors will be finished in pine and redwood. Oak floors will be used in the principal rooms. There will be two large open fire places with tile or brick mantels. Bath rooms and kitchens will have the wainscot. Exteriors will be covered with rustic and shiplap. Plans are complete and in the hands of the owners who will do the work by Day Labor.

SCHOOL—2 story and base, reinforced concrete, \$123,000. Eureka, Humboldt Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Eureka Union High School. This work has been mentioned here a number of times before. The date for opening bids has been extended until February 12th. Plans can be secured from Architect Weeks in San Francisco.

Building Contracts.

SACRAMENTO COUNTY.

LOT 14 BLK 9 Oak Park; No. 3611 Orange Ave., Sacramento. Alter 1-story frame dwelling.
Owner.....C. E. and L. E. Taylor, Premises.
Architect.....None.

Contractor...J. A. Schumate, Elmhurst Route 2, Sacramento.
COST, \$500

S ½ OF S ½ LOT 4, V, W, 9TH AND 10th Sts.; No. 2214 10th St., Sacramento. One-story frame store in front of dwelling.

E. H. Williams Chalmers Munday

Munday & Williams

Attorneys-at-Law

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615 Phelan Building, San Francisco

Owner.....H. G. Hecker, 1117 10th St., Sacramento.

Architect.....None.

Contractor...W. D. McKey, 1211 N St., Sacramento.

COST, \$500

W ½ LOT 6, T. U, 10TH AND 11TH STS No. 1017 U St., Sacramento. Addition of 2 flats on 2nd story of two-story dwelling.

Owner.....Mrs. E. Cunningham, 1019 U St., Sacramento.

Architect.....None.

Contractor...J. E. Harvey, 1114 P St., Sacramento.

COST, \$500

N ½ OF S ½ LOT 1, G, H, 28TH AND 29th Sts.; No. 709 28th St., Sacramento. One-story six-room frame dwelling.

Owner.....J. J. Fay, Truckee.

Architect.....None.

Contractor...Clippa Bros., 314 21st St., Sacramento.

COST, \$2500

Building Contracts.

SAN JOAQUIN COUNTY.

SW CENTER AND SONORA, Stockton. Build 2nd and 3rd stories of old brick building Nipon Hotel (rooms). brick building, 50x50.

Owner.....Louis Sanguinetti, Sanguinetti Lane, Stockton.

Architect.....Ralph P. Morrell, 12-15 I. O. O. F. Bldg., Stockton.

Contractor...Geo. Summerville, 936 N. Commerce St., Stockton.

Filed Jan. 15, '14. Dated Jan. 15, '14.

3rd story brick walls up.....\$1275

Partitions ready for plastering 1000

Rough plumbing 1000

Inside wood finish 1000

Usual 35 days.....1425

TOTAL COST, \$5700

Bond, \$3850. Sureties, Alois Felchin

and John Busch. Limit, forfeit, none. Plans and specifications filed.

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—3 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, R. D. King and E. C. Taylor, Consolidated Realty Bldg., L. A. Owner, Elias Sheoudy. The building will be erected on a corner site covering an area of 50 by 130 feet. There will be three stores on the first floor and a total of 65 rooms arranged in two and three room suites on the upper floors. Interior will be finished in pine throughout. There will be steam heat, a hot

water system and vacuum cleaning. Patent store fronts and plate glass windows are specified. Bath rooms will be finished in tile and will have composition floors. Wall beds will be used in all apartments. Exterior of the building will be faced with pressed brick. Plans are being prepared and when complete the work will be done by Day Labor.

CHURCH—1 story, tower and base, brick, \$10,000. Venice, Los Angeles Co., Cal. Architects, C. H. Russell & Co., Union League Bldg., L. A. Owner's name withheld. The building will be erected on Innes street and will contain main auditorium seating 350 people, Sunday school rooms and pastor's study. A hot air system of heating will be installed. Interior finish will be of pine. A tower containing a set of chimneys will also be erected. Exterior of the building will be faced with pressed brick. Plans are being prepared.

MISSION BUILDING—3 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, Robert H. Orr, Van Nuys Bldg., L. A. Owners, Christian Church, Department of Women's Home Missions. The building will be erected on Wall street and has been arranged for chapel, offices and class rooms on the first floor, 20 bed rooms on the second floor and six suites of three rooms each on the third floor. Interior finish and floors will be of pine. There will be steam heat and a hot water system. Exterior of the building will be faced with pressed brick. Working drawings are being completed and figures will be taken in the spring.

CLUB HOUSE—2 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, Hunt & Burns, Laughlin Bldg., L. A. Owners, Automobile Club of Southern California. The building will be erected on Figueroa street near Pico, covering an area of 50 by 150 feet. Interior will be arranged for social rooms, library and sleeping apartments. Interior finish will be of pine and hardwood. There will be steam heat, and open fire places. Mantels will be of tile and brick. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for shortly.

LODGE HALL—2 story and base, brick, \$25,000. Holtville, Imperial Co., Cal. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owners, Holtville Masonic Hall Association. The building will be 50 by 140 feet. There will be four stores on the ground floor and twelve offices, dance hall, banquet room and lodge rooms on the second floor. Oak and pine trim and hardwood floors will be used. There will be steam heat and patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken by the architects and also by Howard T. Jones of Holtville.

HOTEL—10 story and base, reinforced concrete, \$125,000. Los Angeles, Cal. Architect, W. J. Saunders, International Bank Bldg., L. A. Owner, C. W. Howard. The building will be erected on the south side of Sixth street west of Olive, covering an area of 55 by 150 feet. There will be stores besides the hotel lobby on the ground floor, and in the neighborhood of 198

guest rooms and private baths on the upper floors. Construction will be fireproof. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will be finished in tile. Interior finish will be of pine and hardwoods. Patent store fronts, metal window sash and frames and hollow tile and metal lath and plaster interior partitions will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be taken shortly.

HOTEL—3 story and base, reinforced concrete, \$175,000. Pomona, Los Angeles Co., Cal. Architects, Blanchard, Green & Tifal, Van Nuys Bldg., L. A. Owner, T. W. Newman. The building will have extreme dimensions of 258 by 200 feet. First floor will contain eight stores, lobby and dining room and a theatre. Upper floors will be arranged for 150 guest rooms with about 50 per cent private baths. Construction will be fireproof. There will be steam heat, hot water system and vacuum cleaning. Patent store fronts are specified. Exterior of the building will be faced with cement plaster. Preliminary plans have been completed.

RAILROAD BUILDINGS—3, 1 and 2 story, frame. Cost not stated. Los Angeles, Cal. Architect, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Plans for a two-story 50x100 foot building for the Pullman Co., a part 1 and part 2 story building 50x100 feet for the commissary department, and a 1 story dining car shed 88x118 feet, are complete. These buildings will be erected on the company property adjoining the new Arcade station. Plans are out for figures and can be secured from Mr. Edwards, 324 Pacific Electric Bldg., L. A.

SCHOOL—3 story and base, reinforced concrete, \$40,000. Los Angeles, Cal. Architect, Arthur B. Benton, 114 North Spring street, L. A. Owners, Florence Crittenton Home for Girls. The building will cover an area of 60 by 100 feet. The building will contain dining room, kitchen, single rooms and wards. In all there will be accommodations for about 60 people. Interior finish will be of pine. There will be steam heat and modern plumbing. Exterior will be faced with pressed brick. Plans are being prepared.

INDUSTRIAL ARTS BUILDING—2 story and base, reinforced concrete, \$80,000. Tempe, Ariz. Architects, Peabody & Smart, Central Bldg., Phoenix. All bids received for this work have been rejected and plans will be revised. The lowest figure received for the general construction was \$79,053, and with the heating, electric work and plumbing the building ran over the estimates. Revised plans will be out for figures in a few weeks.

SCHOOL—2 story and base, brick, \$30,000. Tustin, Orange Co., Cal. Architect, Frederick H. Elsey, Register Bldg., L. A. Owners, Tustin School District. The building will cover an area of 90 by 72 feet and will contain eight standard size class rooms, principal's office, teachers' rooms and an auditorium seating 800 people. Interior will be finished in pine with maple floors in the class rooms. There will be steam heat, vacuum cleaning and program clocks. Exterior of the build-

ing will be faced with pressed brick. Plans will be ready for figures within a few weeks.

SCHOOL—1 story and base, brick, \$25,000. Pomona, Los Angeles Co., Cal. Architect, Paul F. Higgs, First National Bank Bldg., Pomona. Owners, Pomona School District. The building will contain seven class rooms, offices and an auditorium. There will be steam heat, modern school plumbing and vacuum cleaning. Interior finish will be of pine. Maple floors will be used in the class rooms. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be opened on February 24th. Bids will be taken separately for the general construction, heating and plumbing. Plans can be secured from the architect.

SCHOOL BUILDINGS—5, 1 and 2 story, brick, \$150,000. Inglewood, Los Angeles Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Inglewood School District. Plans for this work are complete and figures will be opened on February 26th. Separate bids will be taken for the general construction, painting, plumbing, heating, electric work and program clocks. The group will consist of four new buildings and a central heating plant. The present building will be remodeled for an administration building, the auditorium enlarged and the gymnasium converted into a study room. The Manual Arts and Household Economy buildings will each be two stories 60x100 feet. The science building will be two stories 70x120 feet, and the gymnasium will be one story, 60x120 feet, with an outside cement plumb, 36x60 feet. The buildings will be of brick construction with red pressed brick facing, and cream pressed brick trimmings.

POLYTECHNIC GROUP—1, 1 and 2 story, brick, \$150,000. Venice, Los Angeles Co., Cal. Architects, C. H. Russell Co., Union League Bldg., L. A. Owners, City of Venice. Plans are nearly complete for this work and bids will be called for within the next week or ten days. The group will consist of the Administration building, Science building, Household Arts building and manual Training building. The style of architecture will be Lombardic Italian. The Administration building will be a two-story and basement structure 152x144 feet, and will contain the administrative offices, auditorium, study and choral halls, library and twelve class rooms. In the basement there will be a cafeteria, kitchen, bicycle rooms, etc. The central heating plant will be constructed in connection with and at the rear of the administration building. The science building will be a two-story L-shaped structure with no basement; extreme dimensions 110x120 feet. It will contain twelve class rooms, work rooms, offices, recitation rooms, etc. The household arts building will be two stories 140x120 feet, and will contain a modern bungalow, cooking department, laundry, lecture rooms, seven class rooms and sewing and milliner departments. The mechanical arts building will be one-story 112x144 feet, with an interior court. The buildings will be connected by arcades. They will be of brick construction, with concrete foundations, exterior

facing of different shades of light-colored brick.

Contracts Awarded.

APARTMENT HOUSE—2 story and base, brick, \$20,192. Los Angeles, Cal. Architects, Buchanan & Brockway, 65 North Raymond avenue, L. A. Owner, F. De Witt Smith. Contractor, William C. Crowell, Chamber of Commerce Bldg., L. A. Contract price, \$20,192.

RESIDENCE — 2 story, attic and base, brick and frame \$50,000. Los Angeles, Cal. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, John F. Powers. Contractors, Milwaukee Building Co., Wright and Callender Bldg., L. A. Contract price, \$50,000.

RESIDENCE — 2 story and base, frame, \$15,000. Los Angeles, Cal. Architect, H. H. Whiteley, L. A. Owner, Evan Mosier. Contractors, Cooper, Pyle, Cline Co., Story Bldg., L. A. Contract price, \$15,000.

BANK—2 story and base Class A construction, \$17,600. Redondo Beach, Los Angeles Co., Cal. Architect, L. B. Pemberton, Auditorium Bldg., L. A. Owners, Farmers' and Merchants' Bank. Contractor, Carl Leonardt, H. W. Hellman Bldg., L. A. Contract price, \$17,600.

FACTORY—1 story, brick, \$14,000. Colton, San Bernardino Co., Cal. Architect, Lyman Farwell, Story Bldg., L. A. Owners, Hydraulic Truck Co. Contractor, H. M. Holloway, Wilcox Bldg., L. A. Contract price, \$14,000.

BREWERY ADDITION — 4 story, brick and steel, \$15,000. Los Angeles, Cal. Engineers, Mayberry & Parker, Pacific Electric Bldg., L. A. Owners, Los Angeles Brewing Co. Contractor, Harry C. Brown, 1666 Westmoreland avenue, L. A. Contract price, \$15,000.

SEATTLE AND WASHINGTON.

HOTEL—12 story and base, Class A construction, \$1,000,000, Seattle, Wash. Architect, William Kingsley, Empire Bldg., Seattle. Owner's name withheld. Negotiations are now under way and will be closed within a few days for a corner site, embracing half a city block, on which this building will be erected. The names of the interested parties and the exact location of the building is withheld for the present. Details of construction will be made public as soon as the property is secured.

SCHOOL—2 story addition and 2 story and base, reinforced concrete, \$150,000 and \$350,000. Seattle, Wash. Architect, Edgar Blair, 501 7th avenue, Seattle. Owners City of Seattle. School Architect Blair has completed preliminary sketches for the addition to the Lincoln School to cost \$150,000 and for the new building to be erected at the corner of 75th and 21st avenues to be known as the Ballard School, which will cost \$250,000. The preliminary sketches have received the approval of the Board of Education, and Mr. Blair has been instructed to complete the plans. Details cannot be published at this time. The architect states that working drawings for both buildings will be ready for figures shortly after March 1st.

RIVER BANK PROTECTION — \$1,250,000. King and Pierce Counties, Wash. Engineer, William J. Roberts, Seattle Hotel, Seattle. Owners, Pierce and King Counties. Mr. Roberts, for-

mer highway commissioner, has been selected to prepare plans and supervise the work of protecting the river banks along the Stuck and Puyallup rivers. The project is one of the largest river protection problems that has ever been undertaken in the west. Actual work will be started about March. Full particulars can be had from Mr. Roberts. A general contract will probably be let.

APARTMENT HOUSE—4 story and base, brick and steel, \$135,000. Tacoma, Wash. Architects, Heath & Gove, National Realty Bldg., Tacoma. Owner's name withheld. The building will be erected at the corner of 13th and C streets, covering a considerable area. There will be a total of of twenty-two suites of two to five rooms. Interior finish will be of pine and hardwood with some oak floors. Plans provide for steam heat, elevator service, a vacuum cleaning plant and hot water supply. Bath rooms will have tile wainscot and composition floors. Wall beds will be installed in all apartments. Exterior of the building will be faced with pressed brick and terra cotta. Plans will go out for figures within thirty days.

BULKHEAD AND WHARF—\$100,000. Tacoma, Wash. Engineer, City Engineer, Tacoma. Owners, City of Tacoma. Bonds in the sum of \$100,000 will be voted on at the general election in April for the construction of a bulkhead and wharf at Old Town. Preliminary plans are now being prepared by the City Engineer. Further mention will be made of the work.

BRIDGES—Steel and concrete construction, \$1,830,000. Seattle, Wash. Engineer not selected. Owners, City of Seattle. At a meeting of the City Council an ordinance was passed providing for the submission to the voters on March 3rd of a bond issue in the sum of \$1,830,000 for the construction of bridges over the Lake Washington Canal and the East Waterway.

Contracts Awarded.

GARAGE—2 story and base, brick, \$30,000. Seattle, Wash. Architect, none. Owners, Waterhouse-Sands Co., Seattle. Contractors, Sound Construction and Engineering Co., Lowman Bldg., Seattle. Contract price, \$30,000.

MAUSOLEUM — 1 story, reinforced concrete, \$750,000. Seattle, Wash. Architect, Marbury Somervell, White Bldg., Seattle. Owners, Northwest Mausoleum Co. Contractors, Cornell Bros., Savage-Scotfield Bldg., Seattle. Contract price, \$750,000.

CAFE ALTERATIONS AND ADDITIONS—\$100,000. Seattle, Wash. Architect's name not given. Owners, L. C. Smith Building. Contractors, The Junction Co., Seattle. Contract price, \$100,000.

PORTLAND AND OREGON.

HOTEL ADDITION AND ALTERATION—Brick and steel, \$140,000. Pendleton, Ore. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Owners, Pendleton Hotel Co. The work will consist of the construction of two additional stories and extensive alterations to the present dining rooms and offices. Elevator service and a new heating system will also be installed. Exterior will be faced with pressed brick. Plans are complete and figures

will be called within a week or ten days.

SCHOOL—1 story and base, reinforced concrete, \$30,000. Portland, Ore. Architect, P. A. Naramore. Address in care of Superintendent of School District No. 1, Portland. Owners, School District No. 1. The building has been designed to contain four standard sized class rooms. Interior will be finished in pine. There will be steam heat and a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans will be ready for figures within thirty days.

STORES AND LOFTS—2 story and base, reinforced concrete. Cost not stated. Portland, Ore. Architects, Whidden & Lewis, Wilcox Bldg., Portland. Owner, Mrs. Walley. The building will be erected at the corner of First and Pine streets, and will be arranged for a restaurant on the first floor and machinery sales rooms above. The building will cover an area of 100 by 100 feet. Details of construction will be handled by J. Frank Watson, 1215 Wilcox Bldg.

Contracts Awarded.

MOTOR CAR FACTORY—1 story and base, reinforced concrete, \$25,000. Gresham, Ore. Architect, P. Chappell Browne, Mohawk Bldg., Portland. Owners Beaver Motor Car Co., Lumvermen's Bldg., Portland. Contractor, James P. Taylor, Couch Bldg., Portland. Contract price, \$25,000. Note: This is the first unit of a large plant which is to be erected this year.

PLAN CITIES TODAY—SAVE MILLIONS TOMORROW.

That the cities of California should now plan wisely for their future growth, in order to save the wasting of countless millions hereafter in costly and yet makeshift reconstruction, is believed by the University of California, and so the University has established a new course of lectures on "City Planning," to interest its students and the public in this great world movement. Fifteen experts in various fields will come to the University to discuss the problem of how cities may plan wisely for their future.

That there will be two million people in San Francisco and two million in Los Angeles before another generation goes by, and that the other chief towns and cities of California are destined to grow in some such surprising way, is predicted by competent and conservative experts. So its is suggested by the lecturers of this course that as a matter of plain business self-protection California towns should now, while land is cheap, acquire ample areas for schools, school gardens, public playgrounds where young and old may have healthful outdoor recreation, parks, plazas, agricultural school farms, and civic centers; provide for harbor and transportation problems, plenty of room for street-car and railway facilities, factory and warehouse areas; broad traffic streets, linking different portions of a scattered community, provision for both express and local street-car service between neighboring regions, preservation of natural landscape features, etc.

It pays to do city-planning with foresight, the University holds, for such work not only adds to the comfort,

health, and convenience of the inhabitants of a town, but actually saves the community enormous sums, through preventing the excessive cost of making changes when it is too late to do things economically and well.

Civic beauty is only one side of the city planning problem—an infinitely important aspect is to protect the health, the comfort, and the well-being of the home-dwellers of future generations. Wise building restrictions need to be developed. Every community needs a city-planning commission which shall see to it that the town develops wisely instead of just "happening," which protects the beauty and the comfort of the community, and forces future needs.

This city planning course is to be given under the joint auspices of the students' League of the Republic, an organization devoted to study of civic problems, the Architectural Association, and the University Extension Division. It is expected that several hundred students will be regularly enrolled for the course and that there will be an attendance of large numbers of visitors. Among the speakers will be Professor Thomas H. Reed, on the marvelous expansion of city life in recent generations; Dr. Werner Hegemann of Berlin on problems of city-planning; John Galen Howard, Director of the School Architecture, designer of the Hearst Plan of the University and of the new civic center of San Francisco, on the art of city planning; William R. Wheeler, Manager of the Traffic Bureau of the San Francisco Merchants' Exchange, on railway facilities; City Manager M. O'Shaughnessy of San Francisco on streets and traffic, including municipal transportation; Charles Gilman Hyde, Professor of Sanitary Engineering in the University, on water and sewer systems and methods of street construction; Charles H. Cheney, the architect, on the zone system of city planning and special features in the planning of business and manufacturing districts; Dr. Jessica B. Peixotto, of the State Board of Charities and Corrections, on the garden city, the tenement, and other experiments in the housing problems; Duncan McDuffie, a planner, in the artistic development of restricted residence districts in Berkeley and in San Francisco, on wise building restrictions for residence quarters in cities and towns; George W. Dickie, Superintendent of Playgrounds in Oakland, on the outdoor and indoor recreational facilities which cities ought to provide for their citizens; J. W. Gregg, Professor of Landscape Gardening, on gardens—public and private—and city planning; and John J. Donovan, Supervising Architect for Oakland, on what a city can do in the way of planning its school houses so as to use them for vastly wider community purposes than were contemplated in the old-fashioned plan of opening them a few hours a day just for keeping school; and lock them up useless most of the time.

CALIFORNIA HIGHWAY COMMISSION BULLETIN.

A \$5,500,000 guarantee of faith in the value of the State Highway system has been furnished to the State by counties which have subscribed for highway bonds in excess of that amount in order

to assure prosecution of the highway work in advance of the opening of the 1915 expositions. The State Highway bonds bear four per cent interest, and under the law must be sold at par and accrued interest. No sales have been made in the general market since October 1912.

When the lack of a market for low rate bonds promised to continue, the Highway Commission appealed to the supervisors of counties to take advantage of an act passed by the last legislature permitting investment of county funds and re-selling of State bonds. In return for this co-operation the Highway Commission agreed to expend the sums received within the limits of the counties financing the bond sales.

About thirty counties have responded, permitting a total of \$5,719,500 of highway bond sales, with about \$1,000,000 additional informally pledged. Most of the counties have merely taken care of the shrinkage between the par value and the market demand. As the State maintains the State Highway the saving to the country in maintenance in practically every instance is as great in the first year as the depreciation loss which the county stands to make the bonds saleable. Several counties with considerable money on hand are keeping the bonds, thus bringing an interest return of 4 per cent in place of the 2 per cent which the funds have been drawing from the banks. The depreciation has averaged less than 5 per cent.

The counties in which sales of or pledges to purchase the State Highway Bonds have been definitely made are as follows, according to a list given out by the State Highway Commission: Los Angeles \$695,000; San Diego \$557,000; Alameda \$500,000; Solano \$390,000; Contra Costa \$300,000; Colusa \$290,000; San Luis Obispo \$250,000; Santa Clara \$228,000; Glenn \$218,000; Kern \$200,000; San Mateo \$200,000; Orange \$200,000; Imperial \$200,000; Fresno \$150,000; Marin \$150,000; Sacramento, \$150,000; Santa Barbara \$141,000; Tuolumne \$125,000; El Dorado \$150,000; San Bernardino \$105,000; Riverside \$100,000; Humboldt \$100,000; Stanislaus \$75,000; Santa Cruz \$75,000; Siskiyou \$50,000; Monterey \$45,000; Mendocino \$45,000; San Benito \$25,000; Shasta \$5,000.

This co-operation the Highway Commission believes will make possible the completion in time for the 1915 expositions the greater part of the coast line between San Diego and San Francisco and north to Eureka, the west Sacramento valley highway from Red Bluff to Benicia, and a considerable part of the route through the San Joaquin and Sacramento valleys between Bakersfield and Red Bluff via Fresno, Sacramento and Marysville.

NEW MINING BUREAU PUBLICATION.

In response to a demand not only from residents of California but from prospective investors and others interested in the mineral resources of the State throughout the world, the State Mining Bureau announces the publication, for free distribution, of Bulletin No. 66 containing the mining laws of California.

A working knowledge of the law

governing the location, development and acquisition of mineral land is necessary to all who are in any way connected with mining and the above bulletin is presented with the idea of following out the principle which State Mineralogist Hamilton is pursuing in all branches of the work of the mining bureau, i. e., the advancement of the mineral industry in all possible ways.

All statutes and amendments including those enacted by the State Legislature during the 1913 session are contained therein as well as the U. S. mining laws and various Court decisions relating to mining.

As an appendix are included the full text of the "Blue Sky" law and the Water Commission Act which were passed by the last legislature but are inoperative at present having first to go before the people under the referendum.

It has been deemed proper to include the "Blue Sky" law as its action if it becomes operative will have considerable effect in suppressing illegitimate mining schemes, and will on that account accomplish much toward putting the industry on a sound footing and establishing a confidence in mining which is merited in the great majority of cases, but which is often lacking because of the fact that unscrupulous persons have used the industry as a means of perpetrating frauds upon the public.

The Water Commission act which covers the regulation of the waters of California under state jurisdiction has been included because the use of water is vital to the mining industry and it is to the miner's advantage to know that their interests in the use of water may be fairly adjudicated and protected.

Those wishing a copy of this bulletin will be supplied upon addressing,

F. MCN HAMILTON,
State Mineralogist,
Ferry Building, San Francisco, Cal.

REVIVAL OF CHINA CLAY INDUSTRY.

Development of the China clay industry in the United States is expected to progress more rapidly as a result of advancing prices for English clay. The industry has had a somewhat checkered career under the influence of high customs duty, low duty and no duty.

Until the Wilson bill, eighteen years ago, put clay on the free list, the duty was \$5 per ton. American clay never was in strong demand among potters, who found fault with the carelessness in washing and preparation. But producers were advancing and attracting attention from potters when duty free clay put all of them except the Brandywine Summit company out of business.

The Payne-Aldrich bill carried a duty of \$1.25 a ton, and quarrying of the clay again took on an industrial aspect. There was brought from England last year 278,276 tons of white China clay, of an invoice value of \$1,629,105. Under the Underwood bill the clay will come in free, and already British products have announced an advance in price. They give as their reason a strike of their workmen, in progress eight weeks, which, it is asserted, will force them to increase wages. "The Ameri-

can tariff increasing British wages," is the view of a clay expert.

It is recalled that when the Wilson bill put clay on the free list the price abroad went up \$2 a ton. English clay laid down in Trenton costs the potter about \$12.50 a ton. American clay, it is stated, can be delivered at a lower cost, and as producers are conforming to the potters' idea of washing and preparation, it is predicted the producing of white China clay is destined to become an industry of some magnitude.

R. Griffen Miller, treasurer of the Newark Clay Company, while in Philadelphia recently on business of the company, said he did not regard removal of the duty as having any effect other than to figure in the diminution of the government revenue.

THE PORTLAND CEMENT INDUSTRY

According to returns received by the United States Geological Survey up to January 12, 1914, it is estimated by Ernest F. Burchard, that the quantity of Portland cement manufactured in the United States in 1913 was approximately 92,406,000 barrels, compared with 82,428,096 barrels in 1912, an increase of about 9,977,900 barrels or 12 per cent. The estimated shipments of Portland cement during 1913 were 88,852,000 barrels, compared with 85,012,556 barrels in 1912, an increase of about 3,839,400 barrels, or 4.5 per cent. On account of a large surplus of production over shipments stocks of cement at the mills apparently increased more than 45 per cent, or from 7,811,329 barrels in 1912 to 11,375,000 barrels at the close of 1913. In 1913 the relations between production and shipments were the reverse of those for 1912, when shipments exceeded production. It may be necessary to revise considerably the estimates of stocks, but it is believed that these figures for production and shipments are very close to those that will be shown by complete returns from all producers.

Although few definite statements as to selling prices are at hand it is evident that the average value per barrel was appreciably higher than in 1912. Increases of 10 to 25 cents a barrel are reported from several plants in the Central and Eastern States, but there were slight decreases reported from a few plants in the Rocky Mountain district.

Two new plants, both in Washington, were added to the list of producers during 1913.

The following table gives the estimated production, shipments and stocks for 1913 and the actual production, shipments and stocks for 1912, together with the per cent of change of California and Washington:

	Estimate	Change	
	1912.	1913.	Per Cent
Production	7,336,715	8,916,000	Inc. 21.5
Shipment	7,531,927	8,072,000	Inc. 7.2
Stock	606,989	1,511,000	Inc. 148.9

HUMORING THE ARCHITECT.

In "slinging up" the engineer in whose hands final approval of his work rests, the contractor becomes a shrewd judge of human nature. The methods of some engineers are radically different from those of others, and this has a marked bearing on the cost of construction. Nothing adds to the price

of a bid like uncertainty whether it be in the temperament of the engineers or in unknown construction problems.

In one work of construction where a number of local firms were invited to bid on a certain large building for an architect who was well known to rule in favor of his client in every instance, irrespective of the merits of the case, the successful bidder, after figuring full measure on all questions, added this item: "For humoring the architect, 10 per cent of the contract price." It is safe to presume that all other competitors placed this contingency at a higher figure. Such a man could not get a reasonable bid from any one who knew him.—Engineering Record

A LOFTY DRAWBRIDGE.

A draw bridge, which, when open, towers above the Calumet river in Chicago to the height of a twenty-story skyscraper, has been built by the Baltimore and Ohio Railroad. The length of its span, 230 feet, breaks all previous records for draw bridges of the "bascule" or tilting type. The bridge is raised and lowered in exactly the way that the wooden gates at a railroad crossing are operated by the flagman to prevent vehicles from passing the tracks when a train is approaching.

The structure contains 2,800,000 pounds of structural steel, 305,000 pounds of machinery and 1100 cubic yards of concrete, employed as a counterweight. In spite of its ponderous mass, the bridge is so delicately balanced that it can be raised and lowered as readily as a child lifts his "see-saw."

The average of four complete operations gave a raising time of 72 seconds and lowering time of 67 seconds, with the wind blowing from 5.5 to 11.5 miles per hour. When subjected to an unbalanced loading of 8860 pounds of rails, the bridge was raised in 53 seconds and lowered in 56 seconds by two motors.—Engineering Record.

MACHINERY HOUSE NEEDED IN VENEZUELA.

[Consul Thomas W. Vetter, La Guaira] Although there is much standing timber in Venezuela, some of it not accessible to roads or water transportation. A great part of the balance is in unhealthy surroundings. For these reasons the production of merchantable lumber in Venezuela is not greater. The importation of machinery for sawmills is not great, and no great increase in the demand can be looked for. Within a few days I noticed advertisements for the auction sale of a large woodworking plant with its machinery, which had been idle for a long time.

I regret that there is not in the entire country a distinctive machinery house, one which can install a plant and nurse it along into successful operation. Were such a house in existence in Caracas, with a competent and practical man in charge, the sale of machinery of various kinds could undoubtedly be increased.

I have recently received a number of inquiries from concerns wishing to sell machinery in Venezuela. I venture to offer the suggestion that several American manufacturers who desire to sell their machinery in Venezuela unite in

sending a joint representative to Caracas. A dozen or twenty different lines might be represented. The man in charge should be practical, able, and fit to oversee the installation of the plants he sells and to correct errors in their operation. He should also be able to help the proposed user of machinery to get other machines or apparatus he may need to complete his plant as he desires. He could keep in touch with the industrial development and instantly follow up anything that promised business for the firms he represented.

Were the proposed buyers confident that they would find some one in the country who had a real interest in seeing that the machinery they bought rendered good service and also could help them to that end, they would be more free to buy. For example, a prominent Venezuelan interested in manufactures here finds that his plant is not operating satisfactorily. He is going to visit the United States soon to find out how he can improve his plant and why his machines do not work well. Now, a properly organized and managed machinery house, such as I have outlined or suggested, would have seen that the factory did operate well, and the owner would have been spared the expense of a long trip to find out what was wrong. This plant is not in the woodworking line and I mention it only to emphasize the point. I also believe the machinery did not come from the United States.

Proposals.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including twelve o'clock noon, Tuesday, March 3rd, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials and labor for the following work in the State Capitol Building at Sacramento, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California. Bids will be received:

FIRST—For the construction and erection of two new passenger elevators, with equipment for same, in the State Capitol Building. Separate bids must be submitted covering allowance for all old mechanical and electrical equipment, same to be removed without expense to the State.

SECOND—For remodeling elevator grilles in the State Capitol Building. THIRD—For the construction and erection of pneumatic door operating devices and equipment for same for two new passenger elevators in the State Capitol building.

On a bid or bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Five Dollars (\$5.00) will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for elevators, grilles and pneumatic door operating devices in the State Capitol, Sacramento, California."

[SIGNED] W. F. McCLURE, State Engineer. (4)

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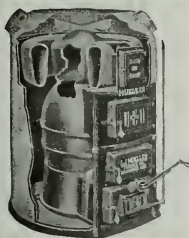
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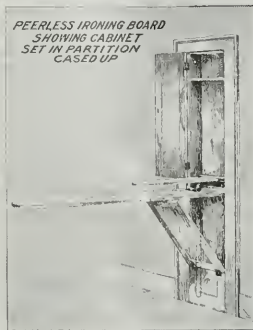
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Cal. Elec. Constr.
Co.
Central Elec. Co.
City Protective
Electric Co.
Decker Electrical
Construction Co.
Farnsworth Elec-
trical Works.
General Electric
Co.
Globe Electric
Works
Hanbridge, W. S.
Kirsten, W. H.
Lauder, H. I.
Levy Elec. Co.
Manhattan Elec-
tric Co.
McFell Elec. Co.
National Electric
Co.
Newberry - Bend-
heim Elec. Co.
Pac. Fire Exin-
g Co.
Ridley, A. R. P.
Rochdale Elec Co.
Schmitschek, C. E.
Denning, E. R.
Lansing Co.
Langford, Felts &
Myers
Lorenson - Ar-
thur Koppel Co.
Carnegie Works.
Appman Corne-
lious
Atlas Heating &
Ventilating Co.
Barth Cor. Wks
Capitol Sheet
Metal Works
Conlin & Roberts
Cristen, Wm. H.
Crown Corne-
lius
Gulfooy Cor. Wks.

Conyns & Nygren
Forderer Corne-
lius
G. & M. Sheet
Metal Works
Hibernia Sheet
Metal Works
Hughes, H. J.
Huntville Bros.
Ideal Corne-
lius
Korell & Co., J. A.
Moore Sheet
Metal Works
Morrison & Co.
Olive & Leary
United Metal
Products Co.
Western Furnace
& Corne-
lius
S. F. Metal Stamp
& Corr. Co.

Crude Oil Barrels.

Bill & Jacobsen
Sherman, Kimball
& Co.

Crushed Rock.

Bay Develop. Co.
Cal. Building Ma-
terial Co.
Cassarette, John
City Supply Co.
Holland, J. P.
McMullin, A. L.
Ship-Point Brick
Co.
Star Contracting
Company.
Standard Crushed
Rock Co.
Stone Co., E. B. &
Western Develop-
ment Syndicate

Damp Proofing.

Briekley, P. J.
Fox, John L.
Imperial Water-
proofing Co.
Kedgle & Jame-
son
Taylor, L. J.
Western Develop-
ment Syndicate

Electric Light Co.

City Electric Co.
Pac. Gas & Elec
Company.

Door Opener and

Closer.
Rischmuller, Geo.
Electric Light Co.
City Electric Co.
Pac. Gas & Elec
Company.

Electric Wiring & Equipment.

American Elect.
Eng. Co.
Cal. Elec. Constr.
Co.
Central Elec. Co.
City Protective
Electric Co.
Decker Electrical
Construction Co.
Farnsworth Elec-
trical Works.
General Electric
Co.
Globe Electric
Works
Hanbridge, W. S.
Kirsten, W. H.
Lauder, H. I.
Levy Elec. Co.
Manhattan Elec-
tric Co.
McFell Elec. Co.
National Electric
Co.
Newberry - Bend-
heim Elec. Co.
Pac. Fire Exin-
g Co.
Ridley, A. R. P.
Rochdale Elec Co.
Schmitschek, C. E.
Denning, E. R.
Lansing Co.
Langford, Felts &
Myers
Lorenson - Ar-
thur Koppel Co.
Carnegie Works.
Appman Corne-
lious
Atlas Heating &
Ventilating Co.
Barth Cor. Wks
Capitol Sheet
Metal Works
Conlin & Roberts
Cristen, Wm. H.
Crown Corne-
lius
Gulfooy Cor. Wks.

Estimator.

Cronsett & East-
man
Hill, H.
Posburgh, R. L.

Ferguson, W. H.
Horwege H. H.
Morser, E.
Pridde, Milton

Floors, Composit-

Artoth Mfg. Co.
Bender R.&P. Co.
J. W.
Dwan Co. J. E.
Fluorestone &
Roofing Co.
Flaherty R. & P.
Co. R. H.
Malott & Peterson
Goodmansson, A. K.
Watsonite Co.

Floors, Hardwood

Hardwood Int. Co.
Inland Floor Co.
Pac. Floor Sand-
ing Co.

Galvanized Iron

Baker & Hamill-
ton
Berger Mfg. Co.

Gas Fixture

Day Co., Thomas
Gas Heating Sys-
tem

Reactor System
Gas Heating Co.

Gasoline Tanks &

Pumps.
Deming, E. R.

Glass & Chasing

Cal. Plate & Win-
dow Glass Co.

Cohen, L.
Fuller Co., W. P.
Grosslicht & Din-
nane

Habenicht &
Howlett

Mission Plate &
Window Glass Co.

Monier Plate &
Window Glass Co.

Schwarz & Gott-
lieb

United Glass
Works (Inc.)

Grading

Franklin, J. P.
Rutton, L. V.

Carlin Bros.
Cassaretto, John

Levincenti & Co.,
L.

Dillon Teaming
Co.

Giorgi Co., G.
Hartnett, J. J.

Holland, J. P.
Lennon Co., J. E.

Leffler, Fred
McGlinchey &
Monahan

Montague Co., P.
O'Day Co., Dan'l

O'Donnell, Philip
Pico, Edw. F.

Powers, Chas. J.
Rahman & Woods

Schmid, A.
Shiley Grading &
Teaming Co.

Star Con. Co., J. H.
Wright Co.

Granite Curbing,
Graham Granite
Co.

Leed Granite Co.,
W.

Pacific Granite Co.
Placer Granite Co.

Gravel.
Ray Devel. Co.

Cal. Building Ma-
terial Co.

Cassaretto, John
City Supply Co.

Standard Crushed
Rock Co.
Star Contracting
Company.

Stone Co., E. B. &
A. L.

Wood Lumber Co.,
E. K.

Hardware, Dealers

Baker & Hamill-
ton

Bennett Bros.
Brittain & Co.

Kruse, J. H.
Joost Bros.

Peasor, Adolph
Norman & Sons,
F. G.

Palmer Hardware Co.
S. F. Hardware Co.
Smith Co., P. A.

Hay & Grain
Algetinger, E.

Heating & Vent-
ilating.

Ahlbach & Mayer
Air Heating &
Ventilating Co.

Kiernan & O'Brien
Hurler Co., J. C.

Larson, Herman
Looney Co., J.
Mangrum & Otter
S. A. & Co.,
Fred W.

Turner Co., The
Homes Movers &
Raisers.

Hatch, H. L.
Pearson, N. H.

Sullivan, D. J. & T.

Inland Floors.
Hardwood Inter-
ior Co.

Inland Floor Co.
Pac. Floor Sand-
ing Co.

Iron Foundry.
Enterprise Found-
ry Co.

Steiger & Kerr,
Stove & Found-
ry Co.

Iron & Steel.
Baker & Hamill-
ton

Dawson & Noyes
Judson Mfg. Co.
Pacific Coast Steel
Co.

Trussed Concrete
Steel Company,
Woods & Huddart

Iron Works.
Bender Iron Wks.

Dyer Bros.
Eureka Wire &
Iron Wks.

Glasser & Kloeres
Glass & Gate Iron
Works

Hillard Co., C. J.
Kerr Iron Works

Michel & Pfeiffer
Monarch Iron
Works

Ralston Iron
Works

S. F. Iron Works
Sartorius Co.

Shirley Bros. Iron
Works

Security Iron &
Wire Works

Stalder & Kerr
Stove & Found-
ry Co.

Vulcan Iron Wks.
West Coast Wire
& Iron Works

Western Iron
Zenth Iron Wks.

Joist Hangers &
Post Caps.

Kortlek - Fulla
Sag. Co.

Lilley & Thurston
Roman Co., C.

Waterhouse &
Price Co.

Western Bldg.
Supply Co.

Lathers, Wood &
Metal.

Balek, Robt.
Edwards, C. H.

Hayden, Fred
Lynch, Richard

McAber, E. T.
Raymond, Wm. H.

Snell & Dennis
Ward, J. E.

Line & Plaster

Arden Plaster Co.
Cal. Lime & Hy-
drate Co.

Cowell Lime &
Cement Co.

Guerin & Co., J. S.
Holland, J. F.

Lennon Co., J. E.
Pacific Portland
Cement Co.

Western Lime &
Cement Co.

Lumber Dealers.
Acme Lumber Co.
Christenson Lum-
ber Co.

Columbia Lumber
Co.

Doe Co., Frank F.
Hardy Lumber Co.

Hart-Wood Lum-
ber Co.

Hauptman Lum-
ber Co.

Kruse Co., J. H.
Hooper Lumber Co.

Miller & Mahony
Co., J. E.

Loop Lumber Co.
MalDonald Lum-
ber Co.

Moore Mill and
Lumber Co.

Peterson, E. T.
Poole & Talbot

Reinhart Mill &
Lumber Co.

Ran, George
Santana Plaster Val-
ley Mill & Lum-
ber Co.

Santa Fe Lumber
Co.

S. F. Lumber Co.
Schouten & Co., J.

Sunset Lumber Co.
Tirman & Beronio

Van Arsdale-Har-
rington Co.

Wilson Bros. & Co.
Wall, Jos. P.

Wood Lumber Co.,
F. K.

Yates, Wm. F.

Magnesian Flar-
ing.

Artoth Mfg. Co.
Bender R.&P. Co.

Dyer Bros.
Fluorestone &
Roofing Co.

Fluorestone &
Roofing Co.

R. H.
Goodmansson, A. K.

Malott & Peter-
son

Watsonite Co.

Mantels, Tiles &
Grates

Ginsberg Bros.
Kirwan & Dono-
van

Mannum & Otter
Peerless Agencies Co.

Rieney, Thos. F.
Watson Mantel &
Tile Co.

Marble and Monie
Work.

Gneec, M. H.
Grassl & Co. P.

Mission Concrete
& Marble Wks.

Misson Marble
Works

Must Sons-Keen-
nan Co.

New Era Marble
& Concrete Co.

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Co.

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Atlantic Fire-

proofing Co.

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Waterhouse &

Surt, Chas. J.

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S. F. Metal Stamp-
ing & Corr. Co.

Oils and Greases.
Hatch, J. G.

Standard Oil Co.
Ornamental Plas-
tering.

Benken, Ed. G.
Binner, Theodore

Larson, O. F.
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Painters and Dec-
orators.

Baker Co., W. T.
Bernstein, Wm.

Blum, Louis
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Burns Bros.
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Dani, T. H.

Donovan, V. J.
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Hansen, Elbing A.
Lewis, S.

Miller, L.
Mills, C. E.

McCubbin, James
Manning, John

Neal, L. J.
Quandt & Son

Ruderman, I.
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Sullivan, Wm.
Simon Nelson Co.

Smith, J. S.
Spivey, C. B.

Sons
John H.

Swanson, Peter
Walker, Fred

Wagner Bros.
Wagner Bros.

Whittier - Coburn
Zelinsky, R.

Paints, Oils Varo-
lous, Etc.

Clark & Dickson
Cohn & Co., Mar-

ion
Fuller Co., W. P.

O'Brien, J. S.
Parfume Paint Co.

Pratt & Lambert
Whittier - Coburn

Paints, Chimneys

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Dresser, McDon-

Hughes, H. J.
Dunlevy & Gatti.

Pile Driving

Lamburth, C. E.

Pinning Mills.

Anderson Bros.
Adair, Planning

Mill Co.
Birth Co., L. H.

Builders' Supply
Depot

Cal. Door Co.
Cal. Planning Mill

Emmanuel, L. & E.

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Empire Planning

Herrmann, A.
Herring's Mill

Holden - Demprev

J. P.

Main St. Planning

Moore Mill & Lum-

ber Co.

Premus Planning

Reinhart Lumber

& Planning Mill

Ryan George

San Planning

ing Mill

Santa Clara Val-

ley Mill & Lum-

ber Co.

Spencer St. Plan-

ing Mill

Taylor & Co.

Haena Mfg. Co.

Western Planning

Co.

Verville & Collins

Yates, Wm. F.

Plasterers

Bosch, Herman

Bradley & O'Reilly

Brennan, James

Burt, Chas. J.

Campbell Chas.

Cashman, M. J.

Chalmers, H. A.
(Inc.)

Fay, John
Greenback, Joe.

Conroy, J. E.
Daly, J. H.

Duthie, Chas.
Fraser, Simon

Fry, A.
Glimmer, W. G.

Jacobson, N.
Kovacs, A.

Leaf & Kaiser
Lyden & Bickel

MacIntyre & Co.
Mowat, Donald

Orford, J. A.
Philbin, J. J.

Sexton, E. D.
Terranova, Al. J.

The Pacific Plas-
tering Co.

Wagner James A.

Plumbing and Gas
Fitting.

Ahlbach & Mayer
Alton, Thom. W.

Bosius Bros.
Bernard, Geo. F.

Condon & Band
Dunn, Neil H.

Empire Plumbing
Co.

Goss, Wm. P.
Grondona, A. J.

Houston, J. J.
Kernan & O'Brien

Kirschbaum, W. F.
Lacey Bros.

Lauder, H. I.
Lawson, Herman

Lettich Bros.
Levy, Plumbing

Co., M.

Looney Co., J.
May, Gus

McDonald, Leo. J.
McLeod, J. J.

Penkerton, J. H.
Perazzi, H. J.

Skelly, Thomas
Shears, John

Snook & Co.,
F. W.

Stewart, James E.
Turner Co., The

Wetzel, Theo.
Wilson & Co., W.

Plumbers Supplies

Mark-Lally Co.

Nelson Mfg. Co.

Railroad Agent,
Freight & Pas-

senger.

Kent, James B.

Railway Materials

Langford, Felts &
Myers.

Orenstein - Ar-
thur Koppel Co.

Rigging.

Lamburth, C. E.

Markley, James E.

Roofing, Gravel &
(Composition.)

Structural Steel Contractors.
Brode Iron Wks.
Dyer Bros.
Golden Gate Iron Works
San Francisco Iron Works
Ralston Iron Wks
Vulcan Iron Wks.
Zenith Iron Wks.
Survivors.
Morris, J. J.
Sanborn & Corin-
son
Wetherell, Chas E
Teaming & Grading.
Brankin, J. P.
Button, L. V.

Carlin Bros.
Devencenzi & Co.,
Dillion Teaming Co.
Hartnett, J. D.
Holland, J. P.
Lennon Co., J. E.
Leffler, Fred
Laggen, Ernest
McCluney & Monahan
Montague Co., P.
O'Day Co., J.
Pico Edw., F.
Powers, Chas. J.
Sibley Teaming & Grading
Schmid, A.
Star Contracting Co.

Wright Co., J. H.
Tiling.
Ginsberg & Co., S.
Mangrum & Otte-
Peerless Agency Co.
Tile Mfg. Co.
Watson Mantel & Vacuum Co.
Bill & Jacobser
Hyde Henry C.
United Elec Co.
Sherman, Kimball
Wall Beds.
Marshall - Stearns Co.

Water Company.
Spring Valley Water Works.
Whitewashing.
Simon Neilson Co.
Brickley, P. J.
Reigle & Jamelson
Taylor, L. A.
Window Cleaning.
American Window Cleaning Co.
Progressive Window Cleaning
United Window Clean Co.
Windows, Patent.
Birth Co., L. H.
Simplex Window Co.

Door Openers.
Rischmuller, Geo.
Electrical.
California Electrical Works.
National Electric Co.
City Electric Co.
Decker Electric Co.
Globe Elec. Co.
Hambridge, W. S.
Levy Elec. Co.
National Elec. Co.
Elevators.
Otis Elevator Co.
Van Emom Elevator Co.
Fibre.
S. F. Fibre & Cordage Co.

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Burnham Plumbing & Heating, Inc.
Cronan, Wm.
Mangrum & Otte
Montague, W. W. & Co.
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Blume Cont'g Co.
Pearson, E. K.
Sullivan, D. J. & T.
Island Floors.
Hardwood Interior Co.
Inland Floor Co.
Pacific Floor Sanding Co.
Iron Works.
Lorenz, Schaffner & Co.
Michals & Pfeffer
Monarch Iron Works.
Pacific Rolling Mill Co.
Pacific Struc. Iron Works.

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OF SAN FRANCISCO

180-188 JESSIE STREET PHONE KEARNY 4700

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Asst Secretary, W. J. Carberry
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Bay City Iron Works
Brode Iron Works
Central Iron Wks.
Dyer Bros.
Eureka Iron Wks
Kortick - Falls
Mfg. Co.
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Hillman, J. Co.
Judson Mfg. Co.
Mortenson Cons. Co.
Michals & Pfeffer
Phoenix Iron Wks
Ralston Iron Wks
Schneider & Co.
St. Francis Orn. Iron Works
Wheeler & Kerr
Stove & Foundry Co.
Judson Iron Wks.
Western Iron Wks
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Cal. Art Glass Co.
Ingerson & Glaser Co.
Blacksmith.
Paul Kleiber
Bonds.
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Aetna Life Ins. Co.
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Guaranty Co.
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Lawton A. F.
Lloyd & Spengler
MacMeans, H. V.
National Surety Co.
Pacific Coast Casualty Co.
Pacific Surety Co.
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United States Fidelity and Guaranty Co.
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Bay Development
Carey, J. E.
Carnegie Brick & Pottery Co.
Carpenter Brick & Pottery Co.

McNear Brick Co., E. B.
Peterson - Karta-choke Brick Co.
Remillard Bk. Co.
Sacramento
Trans. Co.
San Fran. Bk. Co.
San Jose Brick Co.
Steiger T. G. and Pottery Wks.
G. G. Brick Co.
Oakland Paving Brick Co.

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Fernald Co., The
Kortick - Falls Mfg. Co.
Holland, J. P.
J. E. Lennon.
Johns-Manville Co.
Levy & Co., Roht. & S.
Lilly & Thurston Co.
Pacific Refining & Roofing Co.
Parrott & Co.
Paraffine Paint Co.
Pratt Building & Material Co.
Quality Lime and Cement Co.
United Material Co.
Waterhouse & Price Co.
Western Bldrs' Supply Co.
Western Building Material Co.

Building Paper

Royd & Moore
Lilly & Thurston Co.

Cement Dealers

Balfour, Guthrie Co.
Cowell Lime & Cement Co.
Holmes Lime Co.
Holland, J. P.
Leonard, J. J.
Maynard, J. J. L.
Meyer, A.
Pacific Portland Cement Co.
Quality Lime and Cement Co.
Western Building Materials Co.
Standard Portland Cement Co.

Concrete.
Chase, Silas A.
Camp & Carillon.
Duncanson, Har-
rison Co.
Foote & Vogt.
Goodman Artifi-
cial Stone Co.
Hauke, C. C.
Keatings & Sons, R.
Leonard, J. P.
Lynch, J. J.
Pasqualetti, J.
Stangulst & Tay-
lor
Stangulst & Forbes
Zimmerman, L. M.
**Concrete Rein-
forcement.**
Lilly & Thurston Co.

Contractors & Builders.

Allen, Alex. M.
Anderson, W. W.
Arthur, L.
Bateman, J. C.
Borling, F. H.
Brady & Son, S. A.
Brady, C. A.
Bratton Bros.
Burdick, Wm. A.
Caldwell & Co.
Cameron & Dis-
son
Cavanaugh & Ve-
zina
Chapman, R. A.
Cobby, J. W.
Conannon, W. N.
Conrad, H.
Creighton & Son,
Lewis
Days' Sons, T. H.
Dewar, R. & Son
Eliason, Thos. & Son
Elliott, E. W.
Fahy, R.
Fischer, Fred.
Franz Val.
Frost, T. P.
Gillespie, G. G.
Gallagher, J. Frank
Gardiser, Florent
Greig, Robt.
Hansbrough Bros.
Hensley & Tibbitts
Hillman, L. A.
Hill, J. A.
Holm & Son.
Howkins, A.
Hoyt Bros.
Ingerson, C. A.
Jacks, H.
Jones, W. G.
Kent, S. H.

Knowles & Kelch-
ley.
Lang & Bergstrom
Leiter, E. T. & Sons
Lynch, M. C.
Masow & Morrison
Mathews Con. Co.
Mathies, H. C.
McBain, J.
McMillan, R. and Wm.
McLachlan, Thos.
Miller, Adam.
Moller, R. W.
Morey, H. B. & Son
Oswley, E. T.
Penny, Isaac.
McLeran & Peter-
son
Robinson & Gil-
lespie.
Savage, M. J.
Sladden, John.
Smith, J. W. & Son
Spence, A. T.
Stockholm & Al-
ley
Terrill, G. C.
Walker Bros. Co.
Warwick, H. C.
Wheeler, Thos.
White Bros. (car-
penters).

Carpenter Works.

Amster, C. S.
Berger Mfg. Co.
Capitol Sheet Mtl. Works
Comyns & Child-
ers
Conrad, J.
Cronan, Wm.
Forrester Cornice Works
Gulfooy Cornice Works
Appmann Cornice Works
Held, Wesley.
Morrison & Clark
S. F. Cornice Co.
Western Furnace & Cornice Wks.

Contracting Lather.

Lynch, Richard
Schnebl, H. & Co.
Stewart & Fed-
grift
Raymond, W. H.
Curblog, Granoite
McLenehan, S. B.
Damp Proofers.
Brickley, P. J.
Reigle & Jamison

Glass and Glazing.
Cal. Plate & Win-
dow Glass Co.
Cohen, I.
Cobbleidick Glass Co., L. N.
Friedman Bros.
Fuller, W. P. & Co.
Habenicht & Howlett
Holland, J. P.
Schwarz & Gott-
lieb (Inc.)

Grading & Tenu-

Church, D. O., Co.
Dillon, D.
Eureka Teaming Co.
Fay, S. J.
McClure, H. N.
Wilhelm, A. H.
Wickie Co., A.
Williams, F. A.
Wright, Chas.
Monarch Teaming Co.
Sibley, L. B.
McLenehan, S. B.
Granite.
Bradman, Thos.
Cal. Granite Co.
De Lano & Sons,
C. L.
Hunt, A. T.
Raymond Granite Co.

Hardware.

Brittain & Co.
Krusz, J. H.
Lorenz, Schaffner & Co.
Meyer, A.
Osborn Hardware & Tool Co.
Palace Hdq. Co.
Wright Hdq. Co.
Heat and Light.
Pacific Gas and Electric Co.

Interior Decorators.

Art Metal & Wire Works.
Merle Co., A.
Sartorius Co.
Wittington, C. W.
Gca. Contractors.
Andrus, R. C.
Brigham, H. B.
Caldwell & Co.
Cereghino & Son, Louis
Dempiak Bros.
Farquharson, D. B.
Fay, Grant.
Fluth & Morton
Graham, D. E.
Griffith, Wm.
Hannan, J. D.
Hannan & Co. J.S.
Hayes, W. W.
Jackson, A.
Kuykendall, J. O.
Malley, Edward.
Mathies, Henry
Peacock, John
Van Sant-Hough-
ton Co.

Lumber.

Acme Lumber Co.
Christenson Lum-
ber Co.
Hart-Wood Lum-
ber Co.
Humboldt Lum-
ber Co.
Hauptman Lum-
ber Co.
Hooper Lum-
ber Co.
Krusz, J. H.
Loom Lum-
ber Co.
MacDonald Lum-
ber Co.
Moore, R. B. Mill
& Lum-
ber Co.
Olsen, Mahoney
Lumber Co.
Pope & Talbot.
Santa Fe Lum-
ber Co.
Schouten Lum-
ber Co.
Tiehan & Ber-
nate
Van Arsdale-Har-
ris Lum-
ber Co.
Wheeler Bros. & Co.
Doe Co., F. P.
**Lumber (Hard-
wood.)**
Dieckman & Co.
Howard, E. A. & Co.
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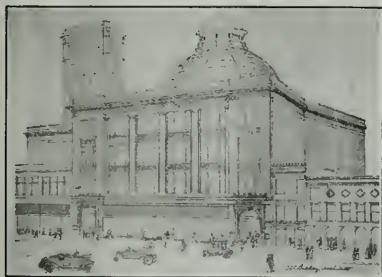
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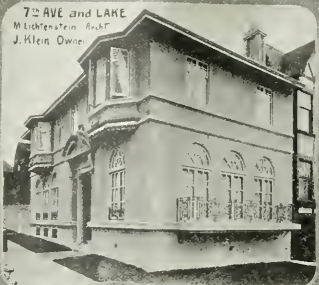
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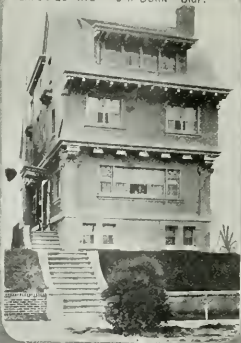
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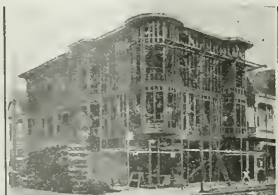


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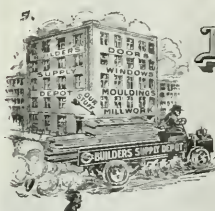
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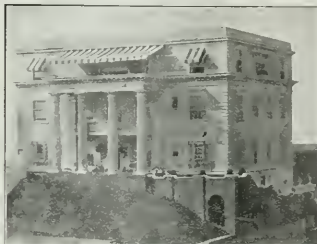


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Table of Contents

Editorial Comment.

There is quite a good deal of discussion at present over our educational system. Dr. Burk's publication on "Lockstep Schooling" and Superintendent Hyatt's answer has provoked some newspaper notice at least and the important question of American schools is brought into print.

That there are many defects in the school system is evident. How best to remedy them is a difficult problem. And it should employ the best energy of the best minds of the country which it does not at the present time. And the chief fault of the schools is that they do not offer sufficient opportunity for men to enter the profession. Positions of any reward depend entirely upon political favor in this country. Hence it is that the politician gets whatever there is worth while in the public schools and the man who has devoted his life to the work soon finds that he is in a profession where he can only make a bare living and where he may be out of a job at any time and nothing else to turn to.

The school teaching profession in this country is occupied almost entirely by women. The schools in the city particularly are crowded. Positions are usually obtained through political influence under our system. So that merit in most cases is a second consideration.

What the schools of this country need is more opportunity for men to aspire to the profession of school teachers. Enlist the best minds of the country in the active work. Let them work out the problem that confronts them, find out the best methods of attaining the ideals to be sought. As it is now fads and fakes are prevalent. Someone starts with a royal road to censure that has about as much merit as a patent medicine fake. It gets the public attention and then is soon superseded by some other scheme.

Fundamentally the laws of the mind development are pretty well determined. The main thing is to apply the proper method for the development of each individual. No one method will do it anywhere. It depends largely upon the personal work of the teacher. Hence the great need is to improve the service by making the rewards of occupation commensurate with the ability which is sought to be engaged.

Reports state that there is quite a building boom in the town of Bethlehem, Palestine. From the town that was the birthplace of the lowly Carpenter, that became the greatest teacher of the world, the fact that it is again being built up after the lapse of 2000 years is of especial interest to

builders. How much have builders' tools changed in the interim? What advance has joinery and architecture made? What difference is there in the churches that adorn the great capitols of mediæval Europe as compared with the temple of Jerusalem where Christ drove the money changers into the street?

The modern progress of the mechanical age is invading the ancient lands that have long been sleeping and dead. It is only a question of time till modern methods will again conserve the waters of the Tigris and the Euphrates and modern cities will be built on those now crumbled into dust. Already irrigation is being spread along the lower Nile by means of pumps that use the sun's rays for power. And from the west are coming the modern inventions that will place the old lands on the plane of progress of the Western world.

As the Workmen's Compensation Act is something new in this State and is borne in a great measure by the building trades as an additional cost on the business, its provisions have been the subject of a very wide discussion. Relative to the reports that have been persistently circulated about it the Fresno Republican has this to say:

It is evident that insurance companies doing business in California are conducting a concerted campaign of misrepresentation regarding the workmen's compensation act. Reports have come, for instance, within a week, from Southern, Central and Northern California, of the most preposterous statements in regard to the requirements of the new law, and in every instance investigated, these statements have been traced back to insurance agents. Sometimes, these misrepresentations have been accompanied with direct denunciation of the law as "freak legislation," and even with suggestions that Progressive business men show their resentment against the law by registering as Republicans and opposing Governor Johnson. We even know instances where this political effort was successful—and in every case, it was by attributing to the law some provision which, in fact, it does not contain. The campaign is too widespread to be merely spontaneous, and the same misrepresentations crop up from so many different places as to make it certain that they have a common inspiration. If ten scattered men all tell the same truth, it does not follow that they have consulted and agreed to do so. But when hundreds of men, scattered too far apart for personal consultation, but all employees of the same interest, tell the same lie, it does follow that they are proceeding under common instructions.

It is, of course, impossible to know just which particular misrepresenta-

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tion has been made to each reader, so as to give a specific explanation of that one, and if all the distortions of the law were denied (even if it were possible to find them all out for denial) the denial would be so voluminous that no one could read it through. But just on general principles, if you hear from an insurance agent, or from any one who gets it from an insurance agent, a statement of some provision or application of the compensation law which strikes you as unjust, you are fairly safe in assuming off-hand that there is actually no such provision in the law. Practically all the attack on the law which actually are not and never were in it.

The law is denounced as "freak," in spite of the fact that it already exists in every European nation except Turkey, and was about to be introduced even there by the Young Turk party, when it was interrupted by the Balkan war. Certainly we shall not be going dangerously fast if we catch up with the procession just one step ahead of Turkey! The law is denounced as unjust because it is said that a householder might be saddled with the life support of some tramp whom he had employed to clean the sidewalk, and who had fallen and permanently disabled himself, just or unjust, that is the law in England—but not in California. Casual employees are not included. It is said that a small farmer, with his life savings invested in a new place, might have to lose it to compensate the death or support for life some chance laborer who might happen to be injured. This is, in fact, the law in Germany—but not in California. The farmer in California is exempted, and if his employee falls and paralyzes himself for life, that employee is to make his own living and bear all the loss. But even if the farmer were included (as some day he should be) the element of risk is removed by insurance, just as it is in the case of a fire hazard. Weird tales are told about the liability of the owner of a building for damages to his lessees, customers or visitors—all of which falls outside the scope of a law for the compensation of employees only. These are only a few of the tales. If you hear others, don't believe them until you have first written to the Industrial Accident Board, or inquired of some disinterested person who knows. And don't let anybody fool you into thinking that this law, which is now a commonplace of civilized legislation all over the world, is "freak," merely because it is new in California.

The President has lifted the ban on the shipment of arms to Mexico. This Huerta claims will hasten a war of extermination in the Southern republic. He certainly has great reason to complain as he gained ascendancy by assassination of his chief and holds his power by being able to get arms while his adversaries can not.

The only question that concerns us is whether after Huerta's downfall there is anyone else strong enough to keep the peace and protect lives and property in the war ridden republic. And no doubt that has been the sole consideration of the President. However, the President has shown his capacity to deal with all questions and he is not the man to take any momen-

tous action without mature consideration. He has, no doubt, taken this action after most mature consideration being pretty sure in his own mind of the probable outcome.

The Chronicle is much concerned over the fact that the income tax is to make Americans pay the cost of government while foreigners formerly paid it, stating the old, old fallacy that the foreigner paid the price on the protective tariff. Just as if the importer did not have to add the tariff to his cost price and charge the consumer accordingly.

How anybody with intelligence enough to sit up can be made to believe such statements is hard to realize. The only difference is that income tax is direct, everybody knows what it is, and it has to be paid by those who can afford to pay taxes. In the tariff tax it was indirect and levied upon everybody who bought anything that was imported or manufactured in this country, and in many cases it fostered the building of gigantic monopolies that made rich a favored few.

Every city suffers from slack work and a period of unemployment every winter. There is little demand for unskilled labor as a rule at this season of the year and many of the trades go through a period of depression. Particularly is this true of the building trades which depend in a large measure upon favorable weather for their full employment. The result is that men are laid off and many families that have saved up a little for emergencies are brought to actual want.

This condition seems to be inevitable. It is so in some degree, particularly in some trades. But in some cases it can be remedied to a great degree.

Mr. L. D. Brandeis of Boston, who has a habit of scrutinizing bad conditions to see if they cannot be improved, has recently called attention to the achievement of a Boston shoe manufacturer, W. H. McElwain, in dealing with this problem.

Mr. McElwain died in 1908, at the age of 41, after having been in business for himself only thirteen years, but having accumulated a fortune. In 1902 the problem of irregularity of employment in the shoe business was brought to his attention. He was impressed with the economic waste and the suffering that it entailed. Most manufacturers closed their factories twice a year, and some of them had two additional slack periods.

"The irregularity had been accepted," Mr. Brandeis said, "by the trade—by manufacturers and workmen alike—as inevitable. It had been bowed to as if it were a law of Nature—a cross to be borne with resignation. But with McElwain an evil recognized was a condition to be remedied, and he set his great mind to solving the problem of irregularity of employment in his own factories. * * * Within a year irregularity of employment has ceased in the McElwain factories, and before his death every one of his many thousand employees could find work 305 days in the year."

Certainly if the evil of irregular employment is accepted as an inscrutable "law of Nature," no progress will be made in remedying it. If the con-

builders has said, "We can't construct a canal at Panama because of yellow fever there," the canal never would have been constructed.

When men once recognize the possibility of correcting an evil they have made a big advance toward getting rid of it. If the evil of irregular employment cannot be gotten rid of it can at least be mitigated in some such way as Henry Ford of Detroit has suggested for his motor car factory—by arranging that the men shall be laid off in summer when there is farm work to do, rather than in the winter.

England has undertaken to meet the problem to a degree by providing for insurance to be paid men in certain trades who are out of work through no fault of their own. As a part of the insurance fund is contributed by the employers it is expected that this will provide an incentive for employers to organize their work so far as possible to avoid seasons of unemployment.

There seems to be an indispersed sentiment in the Eastern States against California in its attitude toward Asiatic exclusion. Why this is so is hard to account for unless it be the sentiment fostered in favor of Japanese and Orientals by the Eastern press. As is usual in these cases the people who want to regulate things for us do not have to bear the burden and have no first hand knowledge of the situation. There seems to be no such a sentiment in Canada.

The experience of this country with the negro question, South Africa with the Hindoo problem and the whole world in all ages with racial difficulties teaches us that the time to meet these questions is in the beginning. The question of Asiatic exclusion is not that we are unfriendly to Japanese or any other race but that this is a white man's country and it should be retained as such.

The Railroad Commission has refused the Bell Telephone Company a rehearing on the San Jose case and the revenue derived from the Pacific States Telephone Company for the rental of instruments has been reduced from 4 1/2 per cent to 2 1/2 per cent. Therein is the milk in the cocoanut that spelled the death of the Home Telephone. For the American Telephone and Telegraph Company represents a capitalization of 766 million dollars. It controls the Western Union Telegraph and the Associated Press business. Hence it is no wonder that it desires to put out of business any competing concern that would deprive it of the vast revenue it receives from the rental of its instruments. The Home Telephone Company here is practically a thing of the past. Its plant and apparatus and its franchises were taken over in absolute violation of the terms of its franchise and its contract with the city and exactly contrary to the will of the people expressed at two different elections. Yet there is no effort to prevent it and to rehabilitate the system now would be a discouraging task. The hope for the future is government ownership of these monopolies, for when the idea of profit is taken out of the business we may expect more efficient service.

The Territory Of Alaska.

A Review and Abstract of Its Resources.

As the greater part of the public domain is included within the territorial limits of Alaska, the statistical report of the governor of the country and the bureau of the Interior Department are of interest to all citizens. The following abstract from the report of the Secretary of the Interior to the President given from the bureau of Alaska in that department shows the great resources and the present status of that country.

Alaska.

The report of the governor affords ample evidence for the statement that Alaska is about to enter upon an era of unparalleled development industrially and commercially. The gold placer fields of interior and northwestern Alaska no longer give employment to as many men as in former years, but the gold output is still large; more power dredges are being installed from year to year and alluvial gold deposits carrying smaller values are worked profitably. In the placer regions, too, considerable attention is being given to quartz prospecting and mining with encouraging results. The volume of labor employed in the placer sections has decreased because of the adoption of new methods of mining in those districts and the exhaustion of placer deposits, but elsewhere an increase is noted, the white population at the present time being estimated at 26,000. The number of white males of voting age according to the decennial census of 1910 was 25,030, or 75 per cent of all males of voting age. In 1900 the corresponding percentage was 68.4. In 1910 the total number of people in the Territory, both white, native and mixed was 64,356.

The volume of merchandise shipments, including precious metals and copper, between Alaska and the United States and between the Territory and foreign countries in the fiscal year 1913 was the largest in its history. It exceeded the total of 1912 by \$3,025,013, the grand total for the year being \$67,150,519, as against \$64,123,506 in 1912. The greatest increase noted in the shipments from Alaska was in salmon, where there was an increase of \$2,875,791. Decreases in the shipment of gold and copper are more than balanced by the increase in other items. The merchandise shipments to Alaska from the United States amounted to \$20,175,547, as against \$18,809,270 in the fiscal year 1912.

Lack of transportation facilities continues to operate against the development of the Territory, and a comprehensive system of railroads is something indispensable if the country is to be developed along enduring lines. Supplementary to the railroads, there should be largely increased appropriations by Congress for the construction and maintenance of roads and trails as feeders to the railroads and producers of additional tonnage for transportation.

Agricultural Capabilities.—The agricultural possibilities of the Territory

are beginning to be known in part and appreciated in part, and farming has now reached a stage that insures it a permanent place in Alaska's industries. The work done at the agricultural experiment stations at Sitka, Rampart and Fairbanks has amply demonstrated the wisdom of establishing these stations. The reclaiming and cultivating of land has been greatly stimulated through the agency of the Government experimental stations. There has been, however, but a small increase of farmers during the past year, due to economic conditions which are such that there is no inducement to practical farmers in the States and elsewhere to settle in Alaska and engage in farming. Lack of available markets and transportation facilities are also prime factors which operate against successful farming in Alaska. In the Tanana Valley, however, there are a few farms which find a ready market for their produce in the town of Fairbanks and other mining camps of that section. Cattle breeding is carried on at Kodiak Island experiment station where there is a herd of about 100 head of various ages. The surplus of this herd is sold to Alaska settlers at reasonable prices for breeding purposes in order to stock the country with a breed suitable to the climate. It is also planned to develop dairy qualities in this breed of cattle, so as to produce a hardy all-purpose cow, which the country needs. The dairy work has been held in abeyance temporarily because of the removal of the herd necessitated by the volcanic eruption of 1912, which covered a considerable portion of Kodiak Island with ashes and destroyed the grass. There are at this station also about 100 head of large long-wooled sheep, which have been bred in Alaska and are inured to the climate. These are being bred with a view to supplying the country with a suitable breed of sheep.

Alaska has two climatic belts, known, respectively, as the coast region and the interior. The coast region is rainy, has mild winters and cool summers. The interior region is, for the most part, dry, has severe winters and short but warm summers. The coast region is rocky and has but few valleys that are suitable for agriculture. Vegetables of hardy kinds can be grown in the coast sections, but grain growing cannot be said to be a success. Southeastern Alaska is practically only adapted to gardening, and southwestern Alaska is preeminently adapted to gardening and stock raising. The interior region differs totally from the coast belt not only in climate but in products and agricultural capacity. While the hot summers are short, about 90 to 100 days free from killing frost, the weather is warm enough to mature all the hardy grains. Spring wheat and spring rye, on the other hand, mature but seldom; hardy vegetables of all kinds are grown in the interior with equal or possibly even greater success

than in the coast country. The country including the region of the Kuskokwim and Nushagak Valleys is intermediate between the coast region and the interior. The summers are cool, like the coast belt, and the winters are not so severe as in the interior. Oats and barley can be matured in the Kuskokwim and Nushagak River valleys, but conditions are not so favorable as in the Tanana Valley in interior Alaska, and the feeding season is longer than in the coast region.

National Forests.—Fewer complaints are to be noted in the past year as to the administration of the national forest reservations, which embrace a very large percentage of the more heavily timbered areas of Alaska, due to the more liberal spirit that has been manifested in the interpretation of the regulations and the knowledge that the national forest-reservation system has become a fixed policy of the Government. The total receipts of the Tongass and Chugach National Forests for the fiscal year ending June 30, 1913, were \$52,460.55 as compared with \$53,238.41 in the previous year. The total allotment for the management of these national forests for the fiscal year 1913 was \$36,745.79. The number of areas surveyed and platted for occupancy permits during the year was 120. The number of permits granted during the year for whaling stations, canneries, salteries, cold-storage plants, mild-cured salmon stations, stores, dwelling houses, power sites, flumes, etc., was 208; the number of such permits now in force is 332. The number of homesteads surveyed and reported for listing under the act of June 11, 1906, which provides for the entry of agricultural lands within national forests was 16, and 20 mineral claims were examined and reported upon. The total number of timber sales made during the year was 267. The total amount of timber cut and sealed in the Tongass and Chugach National Forests during the fiscal year was 33,334,506 board feet, as compared with 44,647,410 board feet the previous year. Persons living on or near the national forests are permitted to take wood for domestic purposes free of charge. Timber needed by prospectors and miners in the development of their holdings is also given without payment.

Sealing.—The total fur shipments from Alaska in 1912 aggregated \$794,156.63, as compared with \$802,750 in 1911. Sealing operations in the Pribilof Islands are under the direct control of the fur-seal agents of the Bureau of Fisheries. An actual census of the herd made in 1912 showed that there were 215,940 seals of all classes in the herd; 3,764 skins were sold at auction in London in January, 1913, the proceeds of the sale being \$130,640.57.

Fisheries and Reindeer Industry.—The reindeer industry, established by the Government in 1892 has increased

to a point where there is now an annual surplus available for slaughter, but with the exception of a few herds in the immediate vicinities of the towns there is no market for the meat. The herds are increasing rapidly. At the close of the fiscal year 1912 the whole number of reindeer was 24,476, distributed among 34 herds, of which 24,068, or 62.5 per cent, were owned by natives.

The fisheries output is second only to the production of gold and other metals, and its importance to the country generally, and particularly the salmon fisheries, serves to emphasize the vital need of supplementary legislation to conserve and at the same time develop the industry to the end that the supply of available food fishes may not be depleted by mere exploiters for their personal gain. Such restrictions as appear necessary to conserve the supply of fish would seem to be an elementary requirement of proper supervision and control by the Government. The relation of gear used to the conservation of salmon fisheries that is affected by it has long been a much-debated question, and the recent extension of the use of traps in southeastern Alaska has raised another and different question—the employment of labor as affected by the stationary and movable gear, respectively. A thorough investigation of the fisheries of Alaska should be undertaken by the Government to the end that legislation may be enacted which will not only conserve the supply, but which will also deal with economic and other features of the industry. An experiment station is needed where investigations can be conducted in the utilization of fishes and other aquatic products. The rebating system as applied to the private operation of hatcheries should be immediately abolished; its operation has been unsatisfactory in nearly every particular and the Federal Government should alone operate all the hatcheries in Alaska through the Bureau of Fisheries.

In the calendar year 1912 there were employed in the several branches of the fisheries 24,263 persons, an increase of 6,311 over 1911. Of these 10,101 were whites, 7,299 Indians, and 6,863 orientals. There was a noteworthy increase in the number of whites and natives employed, they being for the most part permanent residents of the Territory. The total investment in the fisheries of Alaska in 1912 was \$37,549,740, about 90 per cent of which was invested in salmon fishing. The finished product of all varieties of fish was valued at \$18,877,468. The total production of halibut in 1912 was 17,146,743 pounds, valued at \$945,502, as against 17,315,191 pounds, valued at \$822,362, in 1911.

Aids to Navigation.—The need of more lights and other aids to navigation in the waters of Alaska, as well as surveys and resurveys is insistent. Three passenger and freight steamers were wrecked the past summer and others sustained minor injuries. A loss of 31 lives occurred when one of these steamers struck an uncharted rock in August last.

Natives and Other Inhabitants.—The number of Alaska insane under treatment on September 30, 1913, was 189, of which 165 were men and 24 women. A large percentage of the inmates are aliens, including Chinese and Japanese.

Morningside Sanitarium, near Portland, Ore., where the Alaska insane are being cared for under a contract with the Government has been inspected at proper intervals by agents of the Interior Department. Detention hospitals for the insane were constructed and occupied during the past summer at Fairbanks and Nome. These hospitals were authorized by an act of Congress approved June 25, 1910, but their construction was delayed for various reasons.

The condition of the native inhabitants continues to be fairly prosperous, this being especially true of those of southeastern and southwestern Alaska, the natives of those sections being as a whole self-reliant and usually industrious. Their worst physical enemy is the whisky peddler. Three special agents have been employed during the last fiscal year whose efforts have been directed toward the suppression of the liquor traffic among these people, and a fair amount of success has been attained. In southeastern Alaska 65 arrests were made during the fiscal year of persons charged with selling liquor to natives and in a large percentage of the cases convictions were obtained. An additional agent should be employed in the second judicial division, where there is now none. One agent is located in the first judicial division, one in the third, and one in the fourth. They are directly under the supervision of the governor's office.

Alaska during the fiscal year afforded a fair field for labor, especially in the southeastern section. In interior and northwestern Alaska a season of unparalleled drought created a smaller demand for mining and other labor. There were no strikes during the year and prices of labor in the several parts of the Territory remained practically stationary.

Taxation.—Nine of the incorporated towns which caused an assessment of property to be made and a tax to be levied this year reported a total assessed valuation of \$6,042,668. The tax rate of these towns ranges from $\frac{1}{2}$ of 1 per cent to 2 per cent, the average being 1.31. Seven in the same list of nine towns levied a tax in 1912 also, when the assessed valuation aggregated \$1,123,687 as against \$4,864,017 this year.

The receipts from the issuance of hunters' licenses, shipping permits, and THREE FEB 5 HOYT ya guide licenses are increasing annually, as more hunters are coming each year from the States and foreign countries to hunt big game. The revenue now derived from these sources is covered directly into the United States Treasury instead of into the Alaska game fund, where it manifestly belongs and where it could be used for the further protection of game. There are many inequalities in the Alaska game law which call for amendatory legislation.

Mining.—Patents have been granted to two coal-land claimants in Alaska. These patents were issued for claims carrying an inferior quality of coal. Patents have been applied for in the Bering River and Matanuska sections, but none have been granted, while many applications have been canceled. There are extensive coal measures in these regions. The importation of coal from the States and foreign countries during

the last fiscal year amounted to 102,169 tons, valued at \$492,301. The market price at which coal is sold ranges from \$10 to \$20 a ton, according to the locality in which it is sold.

The value of the mineral output for 1913 has not been authoritatively estimated, but as a whole it will probably not be as large as 1912, due to a shortage of water for mining purposes in the placer gold regions. The gold production in the calendar year 1912 was valued at \$17,145,951. The silver production, chiefly incidental to gold mining, was 315,186 fine ounces, valued at \$316,839. The total value of all mineral products in 1912 was \$22,537,821, as compared with \$20,650,000 in 1911.

Water Power.—The utilization of the water powers of Alaska for manufacturing purposes is now receiving attention. The many water-power sites found in southeastern Alaska are such as to present those essentials which must be reckoned with when hydroelectric plants are the objects to be attained. These essentials embrace a large amount of power all the year, accessibility to market, location for transportation of products, and proximity of raw materials to be used. That there is a field for large electrochemical plants in Alaska is shown from a consideration of the raw materials to be had and the demand for them when put into marketable form. These materials include timber, lime, sulphur and many others used in manufacturing of electrochemical products.

Schools.—There are now 26 schools for white children outside of incorporated towns, employing 37 teachers, with a total enrollment of 943 pupils. The act of January 27, 1905, limits the amount which may be expended in the construction of a school building to \$1,000, which is frequently found to be insufficient to cover the cost and which should be increased from \$1,000 to \$2,500, according to the size of the school. The law also provides that there shall be at least 20 white children of school age in a community outside of an incorporated town before a school shall be established, and it should be amended so as to make it possible to establish school districts in places where there are as few as 15 white children. A law passed by the Territorial legislature provides for the compulsory education of white children and those of mixed blood living a civilized life; and similar provision is made for the compulsory education of native children and children of mixed blood not living a civilized life, where such children reside within one mile of a United States public school.

Railroads.—There has been no new railroad construction in Alaska for several years past, nor will there be until the coal lands problem and other questions are permanently settled. Government construction and operation of railroads in Alaska is recommended. Private initiative is practically barred under existing conditions. Owing to the tax of \$100 per mile on railroads two lines have not been operated during the past year. The non-operation of these roads has worked a hardship on miners and prospectors, inasmuch as they are afforded for the transportation of supplies. The Federal tax on railroads should be suspended for the present by legislative

action. Wagon road and trail work the direction of the Board of Road Commissioners for Alaska. At the end of the fiscal year 1913 the total mileage of roads and trails was: Wagon roads, 862 miles; sled roads, 617 miles; trails, 2,116 miles, which latter include 253 miles of trails that are temporarily staked each winter.

Public Health.—Public health conditions generally have been good, although during the year there have been a number of epidemics, confined largely to the native population. A serious outbreak of measles was reported on the islands of Kodiak and Afognak late in October, and prompt measures for the stamping out of the disease were taken by the Federal and Territorial authorities. An act passed by the Territorial legislature provides for the registration and prevention of communicable diseases, and another act passed by the same body provides for the collection and registration of vital statistics.

Territorial Legislation.—The Territorial legislature which was established by the act of Congress approved August 24, 1912, convened for its first session on March 3rd last, the session lasting 60 days. Biennial sessions will be held hereafter.

An act passed by the Territorial legislature provides for the organization of banking corporations and the regulation of the business of banking and its supervision by a Territorial banking board. Examinations of banks, other than national banks, must be made at least once annually.

Land Laws.—Simplification of the land laws, so far as they apply to Alaska, is desirable in order to encourage the settlement of the agricultural lands and to meet other peculiar conditions found only in an isolated country. Under the act of May 17, 1884, it was provided that Indians and other persons should not be disturbed in the possession of any lands actually in their use or occupancy. Few, if any, of these claimants remain in possession of the original claims. So many years have elapsed that proof of ownership of the land is now difficult to secure, and if the rights of these persons or their descendants are to be recognized and preserved, Congress should provide some method whereby they may obtain title.

Capitol Building.—An appropriation was made by the act of 1910 for the construction of a general office building, intended to provide quarters for the post office, customhouse, governor's offices, surveyor general's offices, and a number of other offices at Juneau. An excellent site has been purchased and tests of the ground were made for the foundation during the past summer. The limit of cost of \$200,000 was not sufficient at the time it was authorized, and since that time a legislature has been established and the question of securing suitable quarters for it is a serious one. The population of Juneau is increasing rapidly, and in order to provide a suitable capitol building, with accommodations for the legislature and all of the government offices as well as rooms for the Alaska Historical Library and Museum, the cost limit should be increased to \$600,000, was continued during the year under

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO.—Apartment house, 3 story and base, frame, \$18,000. Architects, Dunn & Kerns, Monadnock Bldg., S. F. Owner, M. Simmons. The building will be erected on the north side of Clay street west of Leavenworth, covering an area of 32½ feet by 112 feet. There will be a total of 12 suites of three and four rooms. Interior will be finished in pine with some elm panels and oak floors. There will be steam heat and hot water supply. Portable vacuum cleaners will also be installed. All suites will have private baths and wall beds. Bath rooms will have composition floors and tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and figures will be called for at once.

SAN FRANCISCO.—Apartment house, 8 story and base, Class A construction, \$225,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, Mrs. A. Eldridge. The building will be erected on property recently purchased by Mrs. Eldridge on Jones street near Sutter. Construction will be of the class A type throughout, with a complete steel frame, concrete walls and floors. Interior partitions will be of metal lath and plaster. The building will have a frontage of 52 feet and a depth of 137½ feet. Interior has been arranged for a total of 92 suites of two and three rooms with a number of single rooms. All suites will have private baths and wall beds. Hardwoods, pine and redwood will be used for interior finish. Bath rooms will have tile floors and wainscot. Plans provide for steam heat, elevator service, hot water supply and vacuum cleaning. Exterior of the building will be faced with pressed brick and terra cotta. Working drawings are now being prepared.

SAN FRANCISCO.—Apartment house, 3 story and base, frame, \$25,000. Architect, W. G. Hind, 46 Kearny street, S. F. Owners, Mrs. Emery, Mrs. Chapin and Mrs. De Turberville. The building will be erected on the south side of Clay street between Jones and Leavenworth. Interior has been arranged for three suites of three rooms, three suites of two rooms and six five-room suites. All interior finish will be of pine or elm. Oak floors will be used in the larger suites. There will be wall beds, private baths and open fire places. Bath rooms will have tile wainscot and composition floors. There will be steam heat and hot water supply. Mantels will be of tile. Exterior of the building will be covered with cement plaster on metal lath. A brick veneer base and entrance will be specified. Plans are complete and segregated figures are now being taken.

SAN FRANCISCO.—Apartment house, 3 story and base, frame, \$20,000. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner, A. J. Fabre. The building will be erected on Pacific near Jones, and will be arranged for suites of four and five

rooms. Interior will be finished in pine and hardwood veneer. There will be a central heating system and hot water supply. Bath rooms will have composition floors and tile wainscot. All suites will have private baths and wall beds. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and bids are being taken.

SAN FRANCISCO.—Apartment house, 4 story and base, brick and steel, \$100,000. Architect, J. R. Miller, Lick Bldg., S. F. Owners, San Christina Investment Co. The building will be erected at the corner of 16th and Howard streets, covering an area of 175 by 85 feet. The first floor will contain a number of stores besides the entrance to the apartments. Upper floors will be arranged for a large number of two and three room suites with private baths, wall beds and other modern improvements. Interior finish will be of pine and redwood with some elm panels. There will be steam heat, elevator service and vacuum cleaning. Bath rooms will have composition floors and tile wainscot. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Working drawings are nearly complete and figures will be called for shortly.

SAN FRANCISCO.—Apartment house, 3 story and base, frame, \$30,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Mrs. Mary Bean. The building will be erected at the southwest corner of Fell and Stener streets and will contain a number of two and three room suites. Interior finish will be of pine and elm. Some oak floors will be used. There will be steam heat and a hot water supply. All suites will have wall beds and private bath rooms. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO.—Apartment house, 3 story and base, frame, \$12,000. Architect, none. Owner, J. Dempnick, 1658 Washington street, S. F. The building will be erected on Clay street east of Taylor, and will have a frontage of 25 feet by a depth of 85 feet. There will be six suites, three of four rooms and three of three rooms. Interior will be finished in pine with elm panels. Oak floors will be used in the living rooms and dining rooms. Plans provide for steam heat, hot water system and portable vacuum cleaners. All apartments will have wall beds and private baths. Bath rooms will have composition floors and tile wainscot. Entrance lobby will be finished in ornamental plaster and hardwoods. Marble and tile will be used in the entrance. Exterior of the building will be covered with cement plaster on metal lath. A pressed brick basement will also be used. Plans are complete and work will be done by Day Labor. The owner is now letting subcontracts for all materials and work.

SAN FRANCISCO.—Apartment house, 3 story and base, frame, \$30,000. Ar-

chitect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner's name withheld. The building will be erected on Pine street near Stockton, and will contain suites of six and seven rooms. Interiors will be finished in pine and hardwood. There will be steam heat, automatic elevator, hot water system and vacuum cleaning. Bath rooms will be finished in tile. All suites will have wall beds. Exterior of the building will be covered with rustic and cement plaster on metal lath. Figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Apartment house, 2 story and base, frame. Cost not stated. Architect, James W. Plachek, 1424 Spring street, Berkeley. Owner, C. M. Burkhalter. The building will be erected at the corner of Dana and Woolsey streets, and has been arranged to contain four suites of three rooms and bath each. Pine and elm panels will be used for interior finish. All suites will be equipped with wall beds. Bath rooms will have composition floors and tile wainscot. Furnace heat is specified. Marble and tile will be used in the entrance lobby. Exterior of the building will be covered with shingles. Plans are complete and figures are now being taken.

PORTLAND, ORE.—Apartment house, 3 story and base, brick, \$22,000. Architect, Charles W. Brtz, 2200 Main Bldg., Portland. Owner, Mr. Lohrmire. The building will be erected on Williams avenue having a frontage of 60 feet and a depth of 120 feet. There will be a number of stores on the first floor. Upper two floors will contain twelve suites of two and three rooms with baths. Interior finish will be of pine throughout. Plans provide for steam heat and a hot water system. Bath rooms will have composition floors and tile wainscot. Wall beds will be used. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 2 story and base, brick. Cost not stated. Architect, John P. Biee, Union League Bldg., L. A. Owner, J. D. Schirm. The building will be erected on East First street at the corner of Cummings, and will cover an area of 72 by 129 feet. There will be seven stores on the first floor, finished in pine and with patent store fronts and plate glass display windows. Upper floors will be subdivided into thirteen suites of two and three rooms. Interior finish will be of pine throughout. There will be private baths and wall beds. Plans provide for steam heat and a hot water supply. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and the architect is now taking figures on the work.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 3 story and base. Class C construction, \$50,000. Architects, C. F. Borton & Co., Hibernian Bldg., L. A. Owner, Claude L. Ross. Contractors, C. F. Borton & Co., Hibernian Bldg., L. A. Contract price, \$50,000.

LOS ANGELES, CAL.—Apartment house and stores, 1 and 2 story and base, brick, \$36,000. Architects, Blanchard, Greene & Tifal, Van Nuys Bldg., L. A. Owner, S. H. Friedlander. Con-

tractor, A. E. Harshman, Black Bldg., L. A. Contract price, \$36,000.

BANKS.

GREAT FALLS, MONT.—Bank and offices, 5 story and base. Class A construction, \$250,000. Architect, Henry Hall Johnson, Henry Bldg., Seattle. Owners, R. S. and L. M. Ford, Great Falls. The building will be erected on a corner and will cover a large ground area. Construction will be class A throughout with a complete steel frame, reinforced concrete walls and floors. Interior partitions will be of hollow tile and metal lath and plaster. The entire first floor will be occupied by the bank. Upper floors will be arranged for modern offices. Interior finish will be of pine and hardwoods. Marble and tile and ornamental iron and bronze will be used. There will be steam heat, elevator service, hot water supply and vacuum cleaning. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken. Bank equipment and vaults will be let separately.

BRIDGES AND DAMS.

WEST SACRAMENTO, CAL.—Concrete piers, \$1,000,000. Engineer, Engineering Department of the West Sacramento Co., West Sacramento. Owners, West Sacramento Co. An announcement has been made by the company that actual construction on a number of reinforced concrete piers will be started early in the spring. These piers will be erected on the waterfront opposite the city of Sacramento, and will extend from the Southern Pacific tracks a distance of two miles down the river. Construction will be fireproof throughout. Several of the structures will carry wharf sheds, also of concrete construction. Competitive bids will be asked.

SAN FRANCISCO—Tunnel work. Cost not stated. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. The State Board of Harbor Commissioners have announced the completion of plans and specifications for the proposed tunnel which is to carry the Belt Line Railroad under Fort Mason. There will be approximately 1,500 feet of tunnel construction and about 1,400 feet of trestle from Fishermen's Cove to the east portal of the tunnel. Bids will be asked for in the course of a week or ten days. Plans can be secured from the Assistant State Engineer, Ferry Bldg.

SAN MATEO CO., CAL.—Bridge, reinforced concrete construction. Cost not stated. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Plans for a reinforced concrete bridge which is to be erected on the La Honda and San Gregoria road have been completed and are now out for figures. Bids will be opened by the Board of Supervisors on March 2nd. Plans and specifications can be secured from the County Surveyor at Redwood City. An official proposal appears in another column of this issue.

SANTA CRUZ, SANTA CRUZ CO., CAL.—Wharf, creosoted pile and timber, \$150,000. Engineer, H. J. Brunner, Sheldon Bldg., S. F. Owners, City of

Santa Cruz. Bids opened for this work show Messmer-Rice Co. of Los Angeles low as follows: (a) \$142,213, (b) \$55,813. Bidders' checks of the Sound Construction and Engineering Co. and of W. W. Concannon & Co. have also been retained. A complete list of the bids received will be found under San Jose and the Santa Clara Valley in this issue.

CHURCHES.

OAKLAND, CAL.—Church, 2 story and base, frame. Cost not stated. Architect, William H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, St. Peter's Parish. Plans are complete for the construction of a Mission style church which is to be erected on Layton avenue near Broadway. The building will contain a main auditorium, Sunday school rooms and pastor's study. Interior finish will be of pine and redwood. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken. Bids will be opened on February 16th, and plans can be secured from either the architect or from W. J. Loveland, 403 First National Bank Bldg., San Francisco.

PORTLAND, ORE.—Church, 2 story and base, brick, \$50,000. Architect, George Foote Dunham, Lumbermen's Bldg., Portland. Owners, First Christian Science Church of Portland. The building will be erected at the corner of East Sixth street and Holliday avenue, and will cover a large ground area. Construction will be semi-fireproof. Interior will be arranged for a large main auditorium and a smaller auditorium with Sunday school rooms. Pine and hardwood will be used for finish. There will be a central heating system. Exterior of the building will be faced with pressed brick. Plans are being completed and figures will be called for shortly. A contract for the excavating and foundation work has already been awarded.

LOS ANGELES, CAL.—Church, campanile and rectory, reinforced concrete construction, \$200,000. Architect, John T. Comes, Washington Bldg., Pittsburgh. Pa. Owners, St. Vincent's Parish, Father J. S. Glass in charge. The buildings will be erected on Figueroa street and West Adams. The design is a combination of the Spanish and Gothic Romanesque. Plans provide for a campanile 235 feet high, a main church edifice 100 by 235 feet and 85 feet in height, and a rectory containing library, parlors and library. Construction will be of reinforced concrete and steel and will be fireproof. Exterior of the building will be faced with gray tapestry brick with art stone trimming. Interior of the church will be finished in pine with ornamental plaster and art glass windows. There will be a central heating system. The rectory will not be erected at the present time. Preliminary plans have received approval and working drawings are now under way.

COURT HOUSES.

UKIAH, MENDOCINO CO., CAL.—Court house additions, 1 and 2 story and base, brick, \$30,000. Architect, John Davis Hatch, Humboldt Bank

Bldg., S. F. Owners, Mendocino County. It is proposed to extend the wings on the north, south and west, and to add a second story to the first two wings mentioned. The county clerk's office will be extended to embrace the office at present occupied by the school superintendent. The latter will be removed to the room occupied by the supervisors and another room to be added on the west when the wing is extended. The auditor will occupy the corresponding offices on the south side of that wing. The tax collector's office will occupy its present quarters and in addition will include a part of the present assessor's office, the remainder of which will be taken up by the treasurer. The treasurer and tax collector will have access to each other's offices through a door, which will be a great convenience. The displaced assessor will have the part of the southern wing adjoining the tax collector's office. Underneath the wings will be a large basement. In the north basement will be the furnace room and in the south will be fireproof chambers in which will be stored the county records. The recorder's building will be joined to these fireproof chambers by a tunnel to which access will be gained from the hall of records by a stairway. The present front of the building will be torn away and a handsome porch in modern style of architecture will be constructed of concrete. The entire building will be given a concrete finish over the bricks after the style of the city hall and the opera house. Upstairs the district attorney's offices will remain the same as at present. The judge's chambers will be made smaller and the part taken used to enlarge the law library. A lady's waiting room and a consulting room and lavatories will be placed where the present jury room and the law library are and the present wood room will be made into a jury room. The courtroom will remain the same as at present. The stairways as they now exist will be done away with and there will be a straight flight to the upper floor from the lower corridor. The larger part of the upper story of the south wing will be devoted to a room for the board of supervisors and two private rooms for conferences. The entire building will be refinished throughout and modern electric fixtures, modern hardware, etc., will be installed.

FACTORIES & WAREHOUSES.

SAN FRANCISCO — Warehouse, 2 story and base, Class C construction, \$10,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, E. H. Cary. The building will be erected on the north side of Brannan street between Third and Fourth streets, and will cover an area of 60 by 80 feet. There will be a cement floor on the ground floor. Interior finish will be of pine throughout. Metal window sash and frames are specified. Exterior of the building will be faced with stock brick. Plans are complete and figures are being taken.

SAN FRANCISCO — Warehouse, 5 story and base, reinforced concrete, \$200,000. Architect, K. A. Applegarth, Call Bldg., S. F. Owner's name withheld. The building will be erected in

the southern part of the city adjacent to spur track facilities. Construction will be fireproof throughout with reinforced concrete walls, floors and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. Pine trim will be used. There will be elevator service, automatic sprinklers and metal window sash and frames. Exterior of the building will be faced with cement plaster. Working drawings are now being prepared.

PORTLAND, ORE.—Stahle, 2 story and base, brick and steel. Cost not stated. Architect, P. Chapell Browne, Mohawk Bldg., Portland. Owners, Holbrook Estate. The building will be erected at the corner of 16th and Raleigh streets, covering an area of 100 feet square. The first floor will contain a large number of stalls, wagon room and repair shop. Upper floor will be used for the storage of hay and grain. Included in the work will be galvanized iron chutes, plumbing and electric work. Exterior of the building will be faced with stock brick. Plans are complete and bids will be called for at once.

FLATS.

OAKLAND, CAL.—Flats, 2 story and base, frame, \$5,000. Architect, John Carson, Bacon Bldg., Oakland. Owner, A. Friedman. The building will be erected on north 11st street and has been designed to contain four modern flats of five rooms and bath. Interior finish will be of pine throughout. Oak floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Automatic water heaters are specified. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

SACRAMENTO, CAL.—Flats, 2 story and base, frame, \$3,500. Architect, none. Owner, Manuel Brown, 408 T street, Sacramento. The building has been designed to contain two modern flats of five rooms each, and will be erected on T street near 3rd avenue. Interior finish will be of pine and red wood with some oak floors. Each living room will have an open fire place with tile or brick mantel. Bath rooms will have tile wainscot. Exterior of the building will be covered with rustic and ship-lap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

GARAGES.

SAN FRANCISCO — Garage, 1 story reinforced concrete. Cost not stated. Architect, Charles F. Whittlesey, 555 Clayton street, S. F. Owner's name withheld. The building will be erected on Geary street near Fourth avenue. Walls, floor and roof will be of reinforced concrete. Interior will be finished in pine. There will be special gasoline storage tanks and metal window sash and frames. Exterior of the building will be faced with cement plaster. Plans are being prepared.

FRESNO, FRESNO CO., CAL.—Garage, 1 story and base, reinforced concrete. Cost not stated. Architect, W. F. Bowen, Fresno. Owners, Stephens and Bean. The building will be erected

at the corner of Tuolumne and H streets, covering a considerable ground area. Besides the storage rooms there will be a body shop and machine rooms. Interior finish will be of pine throughout. A cement floor will be used. Metal window sash and frames are specified. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

LOS ANGELES, CAL. — Garage, 1 story and base, brick. Cost not stated. Architect, Fred Biren, Van Nuys Bldg., L. A. Owner, Mr. Bennett. The building will be erected on South Los Angeles street, covering an area of 48 by 145 feet. Floor will be of concrete. Interior finish will be of pine. A machine shop will occupy a portion of the building. Plans provide for metal window sash and frames and special gasoline storage tanks. Exterior of the building will be faced with enamel brick. Plans are complete and figures are now being taken.

GOVERNMENT WORK AND SUPPLIES.

Walla Walla, Wash., Vault Shelving.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for installing metal vault shelving in the U. S. post office and court house at Walla Walla, Wash.:

The Canton Art Metal Co., Canton, Ohio, \$732.60.

Crown Metal Construction Co., Jamestown, N. Y., \$759.

The Berger Mfg. Co., Canton, Ohio, \$819.

The H. H. Shultz Co., Gowanda, N. Watson Mfg. Co., Jamestown, N. Y., \$821.

Y., \$941.

Art Metal Construction Co., Jamestown, N. Y., \$1,035.

The General Fireproofing Co., Washington, D. C., \$1,194.96.

The Van Dorn Iron Works, Cleveland, Ohio, \$1,360.

Vancouver Barracks, Mess Building.

Awards have been made as follows for the construction, etc., of six frame mess buildings at Vancouver Barracks, Wash.: George S. Sherman, Vancouver, Wash., construction, \$11,146.30; L. A. Peters, Portland, Ore., plumbing, \$1,685.60, fixtures to be in accordance with government specifications; McMin Building Co., Portland, Ore., wiring and lighting, \$635.

Reinforcing Steel.

The following awards have been made for furnishing reinforcing steel for use in the construction of four sets of infantry barracks and seven double sets quarters for coast artillery officers at Fort Mills, P. I. Infantry barracks: Trussed Concrete Steel Co., Detroit, Mich., 8,847 pieces Kahn trussed bars f. o. b. Youngstown, Ohio, \$4,773; 12,720 pieces corrugated sheets for Floretyles, f. o. b. Youngstown, \$5,468; Corrugated Bar Co., Chicago, Ill., 120,960 sq ft Corr-mesh, f. o. b. Brooklyn, \$3,628.50; corrugated squares as per proposal, \$696.93. Quarters for artillery officers: Trussed Concrete Steel Co., 3,451 pieces Kahn bars, \$1,531; 3,472 pieces Floretyles, \$1,308. Corrugated Bar Co., 52,780 sq ft corrugated

bars, \$806.70, and bars as per proposal, \$217.73.

Prospective Builders.

Specifications for work under the office of the supervising architect have been furnished to the following firms in addition to those previously noted in these columns:

Berkeley, Cal., Construction, Feb. 18.
J. H. Wiese, City National Bank Building, Omaha, Neb.

Grant Fee, San Francisco, Cal.
Spaulding Construction Co., San Francisco, Cal.

Fluth & Morton, 180 Jessie street, San Francisco, Cal.

Campbell Building Co., Salt Lake City, Utah.

King Lumber Co., Charlottesville, Va.
Thurston & Co., San Francisco, Cal.

A. T. Spence, 180 Jessie street, San Francisco, Cal.

Frank Gallagher, 180 Jessie street, San Francisco, Cal.

Roberts, San Francisco, Cal.

Frederick J. Amweg, Marston Building, San Francisco, Cal.

Eugene Schuler, Pasadena, Cal.
Welch Bros., Oakland, Cal.

The Wm. Simpson Construction Co., 628 Timken Building, San Diego, Cal.

Frank Gallagher, 180 Jessie street, San Francisco, Cal.

Clinton Fireproofing Co., San Francisco, Cal.

Arthur Arlett, Berkeley, Cal.

Frank M. Garden Co., 251 Kearny street, San Francisco, Cal.

J. Wenderling, 110 Jessie street, San Francisco, Cal.

Isaac Penny, 1059 Phelan Building, San Francisco, Cal.

The Melton Construction Co., 11th and H streets northwest, Washington, D. C.

Gutleben Bros., Monadnock Building, San Francisco, Cal.

Herman Andree Electric Co., 135 Syracuse street, Milwaukee, Wis.

Building, Fort Huachuca, Ariz.

The contract for constructing one double set captains' quarters and one blacksmith shop at Fort Huachuca, Ariz., under bids opened, has been awarded to Joe Schlosser, of Phoenix, Ariz., at prices as follows: Captains' quarters, construction, \$10,660; plumbing, \$900, using Wolf fixtures; wiring and lighting, \$300; blacksmith's shop, \$1,500.

San Francisco, Cal., Plaster Models.

The contract for furnishing plaster models for the U. S. subtreasury at San Francisco, Cal., has been awarded to Neumann & Even, 329 E. 47th street, New York city, at \$986.

San Jose, Cal., Screens.

The contract for furnishing door and window screens for the U. S. post office at San Jose, Cal., has been awarded to Santa Clara Valley Mill and Lumber Co., San Jose, Cal., at \$560; time, 90 days.

San Diego, Cal., Boiler and Pump.

The contract for installing a high-pressure steamer boiler and boiler-feed pump at the U. S. quarantine station, San Diego, Cal., has been awarded to California Hydraulic Engineering and Supply Co., at \$956.

Naval Torpedo Station for the West Coast.

An erroneous impression prevails among members of the House Naval Committee regarding the availability of land on the west coast to be used as the site for a torpedo repair and test station. Some time ago an allotment of funds was made for the acquisition of territory of suitable location and requisite area for this purpose, and, as usual under such circumstances, the Navy Department encountered difficulty in obtaining possession of the tract without being charged what was regarded by the naval authorities as an excessive price. During one of the hearings before the House Naval Committee recently it was announced that the department had found it impossible to acquire the land selected by Secretary Daniels on the Keyport peninsula, Port Orchard bay, when he was in that part of the country last July, because "land sharks" anticipating the governmental purchase and increased the price to a prohibitive degree. This is far from being the actual situation, as the committee will be informed when Secretary Daniels appears before it. Condemnation proceedings have been concluded this month and papers were forwarded by the U. S. district attorney to the Navy Department last week. It is expected that the property will be delivered to the Navy Department during the next week or two. The property condemned consists of about 55 acres of land and about four miles of tide lands on the west shore of Port Orchard bay, between Keyport and Brownsville.

HALLS & SOCIETY BLDGS.

SAN FRANCISCO—City Hall heating and ventilating. Cost not stated. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. The lowest figure received for the heating and ventilating of the new City Hall was from F. P. Walsh for \$17,965. No contract has been awarded. A complete list of the figures received will be found under the heading of San Francisco in this issue.

OAKLAND, CAL.—Auditorium, 2 story and base. Class A construction. Cost not stated. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Plans have been completed and approved for the preparation of the site, concrete work, granite work and setting for the municipal auditorium. Bids are now being advertised and will be opened on February 26th. Plans and specifications can be secured from the architect. The work will be carried on under the superintendence of Architect Walter Mathews.

SACRAMENTO, CAL.—Elevator work, etc., State Capitol. Cost not stated. Architect, State Department of Engineering, Sacramento. Owners, State of California. Plans have been completed and are now out for figures for the installation of two new elevators, alteration to the grill work and furnishing of pneumatic door operating devices at the State Capitol Building. Bids will be opened on March 3rd. Plans and specifications can be secured from the State Department of Engineering. An official proposal ap-

pears in another column of this issue.

HOLLYWOOD, LOS ANGELES CO., CAL.—Club house, 2 story and base, frame, \$20,000. Architect, Arthur R. Kelly, Story Bldg., L. A. Owners, Hollywood Women's Club. Only a portion of the building will be erected at this time. This will contain reception room, dressing room, kitchen, dining room and assembly hall which will seat 400 people. Later it is planned to construct an auditorium. Interior finish will be of pine and hardwood. A central heating system will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

HOSPITALS

ELDRIDGE, SONOMA CO., CAL.—Nursery building, 1 story and base, frame and concrete. Cost not stated. Architect, State Department of Engineering, Sacramento. Owners, State of California. Plans have been revised for the building known as the Nursery Building for Males, and new bids are now being called. These figures will be opened on February 26th. Plans and specifications can be secured from the State Department of Engineering, Capitol Bldg., Sacramento. An official proposal appears in another column of this issue.

YOUNTVILLE, NAPA CO., CAL.—Dairy barn, frame construction. Cost not stated. Architect, State Department of Engineering, Sacramento. Owners, State of California. A new dairy barn of frame and concrete construction will be erected at the Veterans' Home at Yountville. Plans have been completed and have received the approval of the State Board of Control and bids are now being taken. Figures will be opened in Sacramento on February 27th. Plans and specifications can be secured from the State Department of Engineering, Capitol Bldg., Sacramento. An official proposal appears in another column of this issue.

HOTELS.

SAN FRANCISCO—Hotel, 14 story and base. Class A construction, \$450,000. Architect, G. A. Applegarth, Call Bldg., S. F. Owners, Clift Estate. This work has been mentioned here a number of times before. The excavating, foundation work and steel are now complete. The architect is taking segregated figures for all other parts of the work. The structure is of the Class A type throughout and when complete will take its place as one of the foremost hotels on the Pacific Coast. Covering an entire Fifty Vara lot only few hotels in the west have a greater number of rooms. Interior is to be handsomely finished in hardwood, metal and ornamental plaster. Marble, tile and Caen stone will be used extensively.

SAN FRANCISCO—Hotel alterations, 3 story and base. Class C construction. Cost not stated. Architects, Welsh & Carey, Merchants' National Bank Bldg., S. F. Owner, A. Paladini. The building located at the corner of Pine and Leidesdorff streets, and for the passed two years used as stores and lofts, is to be altered into a rooming house. The first floor will be arranged for an entrance besides the

stores. Upper two floors will contain about 50 guest rooms and several baths. The work will include new interior partitions, plastering, electric work, painting, plumbing and mill work. Plans are now being prepared.

PETALUMA, SONOMA CO., CAL.—Hotel and stores, 4 story and base, brick and steel. Cost not stated. Architect, Brainerd Jones, Petaluma. Owners, Petaluma Development Co. The building will be erected on a corner site and will be arranged for stores on the first floor besides the hotel office, dining room and lobby. Upper floors will contain in the neighborhood of 70 guest rooms, a number of public and private baths. Interior finish will be of pine and redwood. Some ornamental plaster will be used in the lobby. There will be steam heat, a hot water system and vacuum cleaning. Exterior of the building will be faced with pressed brick. Bath rooms will have tile wainscot and composition floors. Patent store fronts are specified. Plans are complete and figures will be called for at once.

PASADENA, LOS ANGELES CO., CAL.—Hotel addition, 3 story and base, frame. Cost not stated. Architects, Greene & Greene, Boston Bldg., Pasadena. Owners, Vista del Arroyo Hotel Co., F. M. Fowler, Mgr. The new portion of the hotel will be erected on property adjoining the present building at 125 South Grand avenue, and will contain in addition to the lobby, parlors, reception hall and dining rooms about 75 guest rooms with private baths. Interior finish will be of pine and hardwood with some ornamental plaster. There will be steam heat and hot water supply. Exterior of the building will be faced with cement plaster on metal lath. Bath rooms will have tile wainscot and composition floors. Plans are now being prepared.

HOLLYWOOD, LOS ANGELES CO., CAL.—Hotel, 5 story and base. Class B construction, \$75,000. Architect, Leonard L. Jones, 1 W. Hellman Bldg., L. A. Owner, C. N. Clinch. The building will be erected at the northwest corner of Whitney and Hollywood avenues and will be known as the Foothill Hotel. The structure will cover an area of 65 by 90 feet. There will be three stories besides the hotel lobby and offices on the first floor. A grill, barber shop and billiard hall will occupy the basement. Upper floors will contain in the neighborhood of 70 guest rooms and 10 baths. There will be steam heat, elevator service, hot water supply and vacuum cleaning. Bath rooms will be finished in tile and will have composition floors. There will be patent store fronts and metal window sash and frames. Exterior of the building will be faced with pressed brick. Plans are nearly complete. Bids will be taken by the owner.

LA CANADA, LOS ANGELES CO., CAL.—Hotel, 3 story and base, brick. Cost not stated. Architects, Eisen & Son, Wilcox Bldg., L. A. Owner's name withheld. The building will have a frontage of 490 feet, the main section being 144 by 60 feet with two lateral wings extending in the rear. There will be a large lobby and office, parlors, dining room and kitchen on the first floor. Upper floors will con-

tain about 150 guest rooms with private baths. Hardwood and pine trim will be used. There will be steam heat, hot and cold running water, vacuum cleaning and metal window sash and frames. All bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

GEORGETOWN, WASH.—Hotel, 2 story and base, brick, \$30,000. Architect, Charles H. Bebb, Denny Bldg., Seattle. Owners, Horton Estate. The building will cover an area of 114 by 140 feet. There will be a number of stores besides the hotel lobby and entrance on the first floor. Upper floor will contain 50 guest rooms, and public and private baths. Plans provide for steam heat, hot and cold running water. Interior finish will be of pine throughout. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans are nearly complete and contracts will be let in about ten days.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architect, Charles Gordon, Investment Bldg., L. A. Owner, Verne Carter. The building will be erected on Hill street between 11th and 12th streets, and has been designed to contain about 75 rooms, 10 per cent of which will have private baths. There will be steam heat, elevator service, metal window sash and frames and a hot water supply. Interior finish will be of pine and hardwood. Some ornamental plaster will be used. Marble and tile will be used in the lobby. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

POMONA, LOS ANGELES CO., CAL.—Hotel, 3 story and base, reinforced concrete. Cost not stated. Architects, Blanchard, Greene & Tifal, Van Nuys Bldg., L. A. Owners, T. W. Newman and associates. The building will be erected at the corner of Palomares and Garey streets, and will cover an area of 200 by 258 feet. The first floor will contain eight stores, hotel lobby, parlors, sample rooms, dining room and dance hall. Upper floor will contain 110 guest rooms and 50 baths. One wing of the building will be arranged for a theatre seating 1,200 people. Plans provide for two elevators, steam heat, vacuum cleaning, metal window sash and frames and a hot water supply. Interior finish will be of pine and hardwoods. Exterior of the building will be faced with pressed brick. Plans will be ready for figures about the end of February.

Contracts Awarded.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick, \$76,000. Architect, Charles Gordon, Los Angeles Investment Bldg., L. A. Owner, Verne Carter. Contractors, Dutro-Wren Construction Co., Van Nuys Bldg., L. A. Contract price, \$76,000.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO—Car barn addition, 1 story and basement, reinforced concrete, \$60,000. Architect, Architectural Department, Temporary City

Hall, S. F. Owners, City and County of San Francisco. Plans are complete and out for figures for the one-story addition to the Municipal car barns at First avenue and Presidio. The addition will cover a large ground area and will be similar in construction and design to the present building. Reinforced concrete walls and floor will be used. Roof will be of clay tile. Interior finish will be of pine. Special electric installations are to be made. Exterior of the building will be faced with cement plaster. Plans can be secured from the Department of Architecture. Bids will be opened by the Board of Public Works on February 18th. An official proposal appears in another column of this issue.

Contracts Awarded.

PORTLAND, ORE.—Railroad office, 3 story and base, reinforced concrete, \$25,000. Engineer, Mr. Boschke, care O.-W. R. and N. Co., Portland, Owners, Oregon-Washington Railroad and Navigation Co. Contractors, Moore Bros., 406 East 37th street, Portland. Contract price, \$25,000.

RESIDENCES.

SAN FRANCISCO—Residence, 3 story and base, frame, \$15,000. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Mathew A. Little, 1347 4th avenue, S. F. The dwelling will be erected on the south side of Washington street east of Spruce, and has been designed for a ten-room house with baths and sleeping porch. Interior finish will be of pine, redwood and red gum. There will be a central heating system, probably warm air heat and open fire places. Oak floors will be used in the principal rooms. Mantels will be of brick and tile. Bath rooms will have tile floors and wainscot and will be equipped with showers. A vacuum cleaning system will be installed and automatic water heaters. Exterior of the dwelling will be covered with cement plaster on metal lath, rustic and a veneer base. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Ornamental stone work. Cost not stated. Architect, G. A. Applegarth, Cal Bldg., S. F. Owner, A. B. Spreckels. Architect Applegarth is now completing plans for the ornamental stone work for the garden walls and garage for the \$350,000 residence of Mr. Spreckels at the northwest corner of Washington and Octavia streets. Bids will be called for on this work at once.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owners, Costello and Deerick, 93 College avenue, S. F. This house has been designed for a six-room dwelling and will be erected on the east side of 19th avenue north of Anza. Interior finish will be of pine and redwood with oak floors in the principal rooms. There will be a large open fire place in the living room with a tile mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic. Plans are in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$7,000. Architect,

none. Owner, Frank Pegel, 366 10th avenue, S. F. The dwelling, designed for an eight-room house with baths and sleeping porch, will be erected on the northwest corner of Geary and Jordan avenue. Interior will be finished in pine and hardwood veneer with oak floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. Plans provide for automatic water heater and vacuum cleaning system. Bath rooms will have composition floors and tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath and shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,500. Architect, none. Owners, Banning and Stewart, 5215 Broadway, Oakland. The dwelling has been designed for an eight-room house with bath and sleeping porch and will be erected on the west side of Belgrave north of Florence. Interior finish will be of pine and redwood with some white enamel. Oak floors will be used in the living and dining rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owners, F. R. Peake Co., 2127 University avenue, Berkeley. The dwelling will contain seven rooms, sleeping porch and a bath. All interior finish will be of pine or redwood. Oak floors will be used in the living and dining rooms. There will be open fire places and tile mantels. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, none. Owner, Leo L. Nichols, Macdonough Bldg., Oakland. The dwelling has been designed for a seven-room house and will be erected on Walker avenue near Weldon. Interior will be finished in pine and redwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Bath rooms will have composition floors and tile wainscot. An automatic water heater will be installed. The wainscot will also be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$3,000. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner, M. C. Vaughn. The dwelling will be erected in the Fourth Avenue Terrace, and has been designed for a six-room house with bath and sleeping porch. Interior will be finished in pine and redwood. Oak floors will be used in the principal rooms.

Bath room and kitchen will have tile wainscot. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. The work will be done by Day Labor under the direction of the architects.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Dr. E. L. Loring. The house will be erected in Bushnell Place and will contain eight rooms and baths. A garage will also be erected on the lot. Interior finish will be of pine and hardwood veneer with oak floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath rooms will be finished in tile and tile wainscot will also be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,000. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner, M. C. Vaughn. The house will be erected in the Fourth Avenue Terrace Tract, and will contain seven rooms and bath. All interior finish will be of pine or redwood. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. All materials will be purchased through the office of the architects.

SACRAMENTO, CAL.—Residences, 1 and 2 story, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: Ernest G. Ball, Ohio avenue, Sacramento, 2, 1 story frame bungalows, \$1,800 and \$2,400; Wright and Kimbrough, 817 J street, Sacramento, 8, 1 story frame bungalows, \$2,700 each.

SACRAMENTO, CAL.—Residence, 2 story and base, brick, \$35,000. Architects, Woollett & Woollett, Newhall Bldg., S. F. Owner, James Mull. This house will contain in the neighborhood of 12 rooms, several baths and sleeping porch. Interior will be handsomely finished in pine and hardwoods with some white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick or tile. Plans include vacuum cleaning and automatic water heater. Bath rooms will have tile floors and wainscot. Exterior of the dwelling will be faced with pressed brick. Plans are being prepared.

SAN JOSE, SANTA CLARA CO., CAL.—Bungalows, 1 story, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: W. H. Haskins, San Luis Obispo, 6 room bungalow, \$3,000; Frank Pascoe, 333 North 14th street, 5 room bungalow, \$1,800; J. T. Walsb, 196 North 3rd

street, 5 room bungalow, \$2,100; F. E. Tuttle, 8 Acacia Tract, 5 room bungalow, \$1,550, and Mrs. Morris Jensen, 275 North 8th, residence alterations, \$1,900.

SAN FRANCISCO—Residences, 1, 2 story and base, frame, \$4,000 each. Architect, A. W. Smith, 1010 Broadway, Oakland. Owners, Pockman & Co., 37th avenue and Geary street, S. F. These houses will be erected in what is known as Lincoln Manor. Each of the dwellings will contain seven rooms and bath. Interiors will be finished in pine, oak, mahogany and gum. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Owners will purchase all materials.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. The dwelling will be erected on the west side of 10th avenue north of Fulton, and has been designed for a six-room house with bath. All interior finish will be of pine or redwood. Some oak floors will be used. There will be a large open fire place in the living room with a tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater is specified. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,000. Architect, none. Owner, F. T. Malley, 2001 Grove street, Oakland. The dwelling will be erected at the northwest corner of Grand avenue and Cottage street and has been designed for an eight-room house with bath and sleeping porch. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

OAKLAND, CAL.—Bungalow, 1½ story and base, frame, \$2,500. Architects, The Elite Planners, 1844 5th avenue, Oakland. Owner, W. C. Keeler. The house will contain six rooms and bath, and will be erected on Melrose avenue. Interior will be finished in pine and redwood with oak floors in the principal rooms. There will be an open fire place in the living room with a tile mantel. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$2,000. Architects, The Elite Planners, 1844 5th avenue, Oakland. Owner, J. B. Phippen. The dwelling will be erected on Cambridge

street in Broadmoor Manor, and has been designed to contain five rooms and bath. All interior finish will be of pine or redwood. Oak floors will be used in two of the rooms. There will be a large open fire place in the living room. Mantel will be of tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

SACRAMENTO, CAL.—Bungalows, 2, 1 story and base, frame, \$2,200 and \$1,500. Architect, none. Owners, L. A. Averill, 21 Cluness avenue, and J. E. Lundervile, 1912 30th street. These two houses will be finished in pine and redwood. Oak floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exteriors will be covered with cement plaster on metal lath. Plans for each are in the hands of the respective owners who will do the work by Day Labor.

LOS ANGELES, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Elmer Grey, Wright and Callender Bldg., L. A. Owner, W. H. Brophy. The dwelling will be erected on Wilshire Boulevard, and has been designed for a fourteen-room house with four baths and sleeping porches. A two-story frame garage with sleeping rooms and bath in the second story will also be erected on the grounds. Interior finish of the residence will be of pine, white cedar, birch and white enamel. Oak floors will be used in the principal rooms. Plans provide for furnace heat, open fire places, vacuum cleaning and automatic water heaters. Mantels will be of tile and brick. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the dwelling will be covered with cement plaster and half timber above the second floor line, and the brick veneer below. Plans are nearly ready for figures.

SAN FRANCISCO—Residence, 1½ story and base, frame, \$3,000. Architect none. Owner, Andrew Lyon, 182 Liberty street, S. F. The dwelling, which has been designed for a six-room house, will be erected on the west side of Belvedere south of 17th street. Interior finish will be of pine and redwood with some hardwood veneer in the living room and dining room. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and a brick veneer base. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 1½ story and base, frame, \$3,100. Architect, O. E. Evans, 2367 Mission street, S. F. Owners, William and Hilda Beguhl, 422 Lisbon street, S. F. The dwelling has been designed for a six-room house and will be erected on Lisbon street west of Persia. Interior finish will be pine and redwood. Oak floors will be used in the principal rooms. There will be a large open fire place in the

living room with a brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

RICHMOND, CONTRA COSTA CO., CAL.—Residences, 6, 1 and 2 story, frame, \$1,800 to \$3,500. Architect, none. Owners, California Home Builders, Richmond. These houses have been designed to contain from five to seven rooms, and will be erected in a new tract recently opened in the city of Richmond. Interiors will be finished in pine and redwood. Oak floors will be used in the principal rooms. Furnace heat will be specified in the larger houses. All of the dwellings will have open fire places and tile or brick mantels. Bath rooms and kitchens will have tile wainscot. Automatic water heaters are specified. Exteriors will be covered with rustic, shiplap, shingles and cement plaster on metal lath. Plans are in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

FRESNO, FRESNO CO., CAL.—Residences, 5, 1 and 2 story, frame. Cost not stated. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, W. G. Cochran. These houses will contain from six to eight rooms with baths and sleeping porches. Interior finish will be of pine, redwood and hardwood veneer. Oak floors will be used in the principal rooms. The larger dwellings will have furnace heat. Open fire places will be specified in the living rooms of all dwellings. Mantels will be of tile and brick. Tile wainscot and composition floors will be used in the bath rooms. Automatic water heaters are also specified. Exteriors will be covered with rustic, shiplap and cement plaster on metal lath. Plans are being prepared.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame, \$15,000. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, Arthur W. Goodfellow. The dwelling will be erected on Ventura avenue and will contain ten rooms, three baths and sleeping porch. Interior finish will be of pine, oak, mahogany and white enamel. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Automatic water heaters are specified. Bath rooms will have composition floors, tile wainscot and showers. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being completed.

LOS ANGELES, CAL.—Residence, 2 story and base, frame. Cost not stated. Architects, Elsen & Son, Wilcox Bldg., L. A. Owner, E. H. Kennard. The dwelling will be erected on Virgil avenue, and has been designed for a sixteen room house with two baths and sleeping porch. A garage will also be erected on the property. Interior of the dwelling will be finished in pine, redwood and hardwoods. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Automatic water heaters, vacuum cleaning and a hot water supply will be installed. Exterior of the house and garage will be covered

with cement plaster on metal lath. Plans are now complete and figures will be taken at once.

Contracts Awarded.

SEATTLE, WASH.—Residence, 2½ story and base, brick, \$20,000. Architect, J. S. Cote, Haight Bldg., Seattle. Owner's name withheld. Contractor, A. E. Berry. Contract price, \$20,000.

APARTMENT HOUSE—3 story and base. Class C construction, \$50,000. Los Angeles, Cal. Architects, C. F. Borton & Co., Hibernian Bldg., L. A. Owner, Claude L. Ross. Contractors, C. F. Borton & Co., Hibernian Bldg., L. A. Contract price, \$50,000.

BEVERLY HILLS, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, Dr. Norman Bridge. Contractors, Milwaukee Building Co., Wright and Callender Bldg., L. A. Contract price not stated. Note: The dwelling will contain 12 rooms and four baths.

SCHOOLS.

GRIDLEY, BUTTE CO., CAL.—School, 1 story and base, reinforced concrete, \$22,000. Architects, Smith & Stewart, 214 Kearny St., S. F. Owners, Gridley School District. The building has been designed in the Mission style and will cover an area of 142 by 90 feet. Construction will be of the semi-fireproof type. There will be six class rooms and a large assembly hall. Interior finish will be of pine with maple floors in the class rooms. Plans provide for a plenum system of heating with oil burning equipment. Exterior of the building will be faced with cement plaster. Plans are now nearly complete and figures will be taken in the course of three weeks. Further mention will be made of the work.

SACRAMENTO, CAL.—School, 2 story and base, brick, \$180,000. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, Sacramento School District. The building will occupy an entire city block and will contain 18 class rooms, assembly hall and teachers' rooms. Interior will be finished in pine with maple floors in the class rooms. There will be steam heat, vacuum cleaning system and program clocks. Besides the class rooms plans provide for manual training and domestic science rooms, play rooms and toilets. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken. Bids will be opened on February 27th.

MONTEREY, MONTEREY CO., CAL.—School, 1 story and base, concrete and frame, \$25,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Monterey School District. The building will contain seven class rooms, assembly hall, principal's office and teachers' rooms. Interior finish will be of pine with some maple floors. There will be a central heating system, probably warm air and oil burning furnaces. Program clocks and vacuum cleaning are also specified. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken. Bids will be opened on February 20th. Plans can be secured from the architect in this city.

PALMS, LOS ANGELES CO., CAL.—

School, 1 story and base, brick. Cost not stated. Architects, Dennis & Hewitt, Fay Bldg., L. A. Owners, Palms School District. The lowest bid for the general construction of this building was presented by Huntsberger-Reed Co., but arrived twenty minutes late and was contested. All bids for the general construction were rejected and new figures will be advertised. Bids for the heating and ventilating, plumbing and electric work were taken under advisement.

Contracts Awarded.

GLENDORA, LOS ANGELES CO., CAL.—School, 1 story and base, brick, \$24,558. Architects, Allison & Allison, Hibernal Bldg., L. A. Owners, Glendora School District. Contractors, Crowell & Sutton, 744 San Pedro street, L. A. plumbing. Contract price not stated. Munger & Munger, Pasadena, heating and ventilating. Contract price not stated.

ROSE CITY, ORE.—School, 3 story and base, brick and tile, \$20,280. Architect, Joseph Jacobberger, Board of Trade Bldg., Portland. Owners, Sisters of the Holy Child. Contractor, John Almetor, East 12th street and Ash, Portland. Contract price, \$20,280.

SEWERS, STREET WORK AND WATER SYSTEMS.

FIVE COUNTIES, CALIFORNIA.—State Highway work. Cost not stated. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids were opened on February 2nd by the State Highway Commission for the construction of highways in five different counties. A complete list of these figures will be found under the heading of San Francisco in this issue. Only the total amount of the bids submitted are given and parties interested in unit prices and materials furnished by the state can secure official records by calling at this office where such data is on file.

KINGSBURG, FRESNO CO., CAL.—Sewer system. Cost not stated. Engineer, Frank A. Lathrop, Los Angeles. Owners, City of Kingsburg. Bids opened for this work show C. D. Vincent low at \$17,926.54. Bids were taken for the work as a whole, for any or all material f. o. b. Kingsburg, and for the labor. A complete list of the bids as opened will be found under the heading of Fresno, Modesto, Stanislaus and Central California in this issue.

Contracts Awarded.

SAN RAFAEL, MARIN CO., CAL.—Electroliners. Cost not stated. Engineer's name not given. Owners, City of San Rafael. Contractor, Pacific Fire Extirminator Co. S. F. Contract price for 97 electroliners \$14,165.

STORES.

SAN FRANCISCO.—Stores and lofts, 2 story and base, brick, \$3,000. Architects, O'Brien Bros., Clunie Bldg., S. E. Owner, C. Demetrak. The building will be erected on Commercial street east of Drumm, and will have a frontage of 25 feet by a depth of 60 feet. Three of the walls are now standing. Interior finish will be of pine. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans

are complete and in the hands of the owner who will do the work by Day Labor.

LOS ANGELES, CAL.—Stores and lofts, 7 story and base. Class A construction. Cost not stated. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owner, John Kahn. The building will be erected on the east side of Broadway south of 9th street, and will cover an area of 40 by 85 feet. Walls, floors and roof will be of reinforced concrete. Interior partitions will be of metal lath and plaster. There will be one elevator, metal window sash and frames and fireproof doors. An automatic sprinkler system is specified. Stores on the first floor will have copper fronts and plate glass windows. Interior will be finished in pine throughout. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for within a week or ten days.

LOS ANGELES, CAL.—Stores and offices, 11 story and base. Class A construction. Cost not stated. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owner, Edwin T. Earl. The building will be erected in the heart of Los Angeles' business district, but the exact location is withheld for the time being. No details of construction have been made public. Further mention of the work will be made later.

FRESNO, FRESNO CO., CAL.—Store alterations, 1 story and base, brick, \$5,000. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, James Porteous. The present building will undergo extensive alterations. The work will consist of new copper store fronts, plate glass windows, interior trim, plumbing, electric work and mill work. Plans are complete and figures are now being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Stores and theatre, 1 story and base, brick, \$18,000. Architect, A. Lawrence Valk, Stinson Bldg., L. A. Owner, B. S. Tustig, Contractor, The Broadway Construction Co., Security Bldg., L. A. Contract price, \$18,000.

THEATRES.

Contracts Awarded.

PORTLAND, ORE.—Theatre, 2 story and base, brick and steel. Cost not stated. Architect, none. Owners, The Blodgett Co., Ltd., Contractors, Hurley-Mason Co., Board of Trade Bldg., Portland. Contract price not stated.

MODESTO, STANISLAUS CO., CAL.—Theatre, 3 story and base, brick, \$50,000. Architect's name not given. Owner, W. B. Martin, Contractor, A. L. Halverson, Modesto. Contract price, \$50,000.

SEALED PROPOSALS.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS OF THE CITY AND COUNTY OF SAN FRANCISCO.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 11th day of February, 1914, for doing the following work, to wit:

The furnishing and installing of pumps, motors and automatic control device at the Commercial street sewerage pumping station.

Said work must be done in accordance with the plans and specifications

thereof on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced within fifteen (15) calendar days and completed within sixty (60) calendar days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance has been fixed at \$500.00.

All proposals offered shall be accompanied by a check certified by a responsible bank payable to the order of the Clerk of the Supervisors of said City and County, for an amount not less than ten per centum of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all proposals. By order of the Board of Public Works. F. J. CHURCHILL, Secretary.

NOTICE TO ARCHITECTS.

For the benefit of architects inquiring concerning plans for a new brick school building to be erected in Chico School District, the Board of Education of the City of Chico, in said School District, hereby invite architects to submit designs for a school building that shall furnish the last mentioned rooms and accommodations as a minimum requirement. The Board of Education shall judge and select or reject the plans. It is especially understood that no premium or award shall be offered for any rejected plan. The accepted plan shall become the design and plan from which the building shall be erected.

Plans for the proposed new Oakdale grammar school building shall be made to the scale of 1/4 inch to one foot, and shall consist of the following drawings:

Foundation plan.

Basement story plan.

Main floor plan.

Second story plan.

Roof plan, and a longitudinal and a transverse section, four elevations, front, rear and both sides. The proposed building to be combined elementary and grammar school for approximately 400 pupils, half boys and half girls. The building shall be two stories and basement in height—not fewer than eight class rooms size 24x32x about 14 feet with rest rooms, each class room with built-in bookcase, not smaller than 12 cu. ft. inside. One office. One library well provided with shelving. One auditorium of seating capacity not less than 600. Two basement rooms for manual training. Two basement rooms for domestic arts. Kitchen to be plumbed for water and gas. Entrances, halls, office, and auditorium to be wired for electricity. Basement to contain heating plant for auditorium, and a room for bicycles. No toilet system other than for teachers use need be installed. Small lavatory and drinking fountain to be on each floor.

Plans shall be completely and accurately figured with all necessary dimensions and spacings, and thickness of walls in each story shall be indicated. Specifications shall be complete, and shall accurately describe all materials and labor required in the construction and finishing of the building. Each architect who submits plans shall furnish the secretary of the Board of Education TWO complete sets of plans and specifications as above enumerated, on or before the 9th day of March, 1914, and one of the sets furnished by the successful architect shall be kept as a public record of the date of and following the selection by the Board of Education of such plans and specifications for the construction of a public building. The successful architect will be required to finally furnish four full sets of plans and specifications, and four full sets of blue-print detail drawings. Full-size detail drawings for all mill work, stair work, and other parts of the proposed structure shall be furnished and delivered to the board by the successful architect within three weeks from the date of the official adoption of the plans for the building.

In case the successful architect becomes the superintendent of construction of the building, the Board will allow as an entire compensation 6 per cent of the contractor's price of the building exclusive of furnishing and fixtures. In case the architect does not become the superintendent of construction, then the compensation of 6 per cent shall be divided between the architect and building superintendent in accordance with the respective rules for architect fees. The entire compensation of the successful architect is to be dependent upon the cost of the building, without change of plans or specifications from original filed copies,—the total cost shown by regular bids from reliable contractors, to not exceed the sum of \$30,000. In case the board fails to bid a bid from a reliable contractor to erect the proposed building for \$30,000 or less, then the architect furnishing the plan, etc., shall forfeit its claim to any compensation whatever for his plans and specifications, etc.

The Board of Education expressly reserves the right to reject any or all plans, also to require such minor changes as may be found necessary before the final adoption of any plan.

CHAS. H. CHAMBERLIN,
Secretary Board of Education,
City Hall, Chico, Cal. (*)

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 825—Proposals for Sand Blast Equipment, Galvanized Sheet Steel, Steel Cable, Chains, Bolts, Plate Washers, Sheet Brass, Sheet Copper, Bronze Bars, Brass Tubing, Copper Cubic In. Brasses, Unions, Solder, Zincs, Shovels, Hammers, Hinges, Wheelbarrows, Corn Brooms, Life Preservers, Hose, Manila Rope, Magnesia Pipe Covering, Paying Cable, Fire Clay and Lampblack.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., February 21st, 1914, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 825) may be obtained from this office or the office of the assistant purchasing agent, 1088 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 825—Proposals for Furnishing and Erecting an Administration Building, Balboa, Marble Columns in the Rotunda, Wainscot in the Porte Cochere Entrance Vestibule, Treads, Risers and Rakes on the Stair and Bases, Borders, Etc., and a Marble Mosaic Field for the Floors.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., February 19, 1914, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 825) may be obtained from this office or the office of the assistant purchasing agent, 1088 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR BUILDING.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 18th day of February, 1914, for doing the following work including the furnishing of the necessary labor and materials therefor, to wit:

For constructing an extension to Geary Street Car Barn.

Sealed proposals will be made. Said work must be done in accordance with the plans and specifications

thereof on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days and completed within one hundred and ninety (190) calendar days from the date of the contract to be made and entered into therefor. Performance of contract for faithful performance of contract has been fixed at \$35,000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County, for an amount not less than ten per centum of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any or all proposals. By order of the Board of Public Works,
F. J. CHURCHILL,
Secretary.

PROPOSALS FOR CONSTRUCTING

REINFORCED CONCRETE BRIDGE.

NOTICE is hereby given that sealed bids will be received by the Board of Supervisors of the County of San Mateo, State of California, up to the hour of 12 o'clock, noon, today, March 2, 1914, for constructing a reinforced concrete bridge on the La Honda-San Gregorio road across creek separating the San Mateo and Redwood districts, per plans and specifications prepared by the County Surveyor and adopted by the Board of Supervisors on Monday, February 2, 1914. Plans and specifications are now on file in the office of the Clerk of said Board, where same may be inspected.

All bids must be addressed to the Clerk of said Board of Supervisors at Redwood City, and each bid must be accompanied by a certified check on some reliable bank, in the sum equal to at least 10 per cent of bid, made payable to the undersigned Clerk of said Board of Supervisors, same to be forfeited to the County of San Mateo as liquidated damages in case the party to whom the contract shall be awarded shall fail, neglect or refuse to execute and file, within ten days after the award of said contract, a bond to be approved by the chairman of the Board of Supervisors of said county in an amount not exceeding the sum of ten per cent, or to enter into a written contract with said county in accordance with said plans and specifications, and the bid thereon.

All bids from contractors must specify the time for the completion of said work, to be completed in place, per cubic yard to be used in the determining the value of extra work, if required.

The right is reserved to reject any and all bids,
JOS. H. NASH,
County Clerk.

NOTICE TO CONTRACTORS.

NOTICE is hereby given that sealed bids will be received by the Board of Trustees of the Del Paso Heights School District at the office of the County Superintendent of Schools, Court House, Sacramento, until the 20th day of February, 1914, for furnishing all material and labor for the construction of a combination fence to be built around the school grounds of the named school district. Plans may be obtained at the office of the County Superintendent of Schools. Bids must be accompanied by a check for ten per cent of amount of bid. Board reserves the right to reject any or all bids.
B. F. LATHROP,
Clerk, Board of Trustees, Del Paso Heights School District.

NOTICE TO CONTRACTORS.

SEALED bids will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Thursday, February 19, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials and labor, and doing the work for the construction and erection of a building known as the

Nursery Building for Males at the Sonoma State Home, Eldridge, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Cash, a bidder's bond, or certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope:

Proposals for Nursery Building for Males, Sonoma State Home, Eldridge, California."
(Signed) W. F. MCCLURE,
State Engineer.

NOTICE TO CONTRACTORS.

SEALED bids will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Friday, February 27, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials and labor, and doing the work required for the building and erection of a building known as the Dairy Barn at the Veterans' Home, Yountville, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Cash, a bidder's bond, or certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope:

Proposals for Dairy Barn, at the Veterans' Home, Yountville, California."
(Signed) W. F. MCCLURE,
State Engineer.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including twelve o'clock, noon, Tuesday, March 3rd, 1914; said bids then and there to be publicly opened and read for furnishing all plant, materials and labor for the following work in the State Capitol Building at Sacramento, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California. Bids will be received.

FIRST—For the construction and erection of two new passenger elevators, with cabs for same, in the State Capitol Building. Separate bids must be submitted covering allowance for all old mechanical and electrical equipment same to be removed without expense to the State.

SECOND—For remodeling elevator grilles in the State Capitol Building. THIRD—For the construction and erection of pneumatic door operating devices and equipment for same, for two new passenger elevators in the State Capitol Building.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Five Dollars (\$5.00) will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for elevators, cranes and hoists and operating devices in the State Capitol, Sacramento, California."

[SIGNED] W. F. MCCLURE,
State Engineer. (*)

NOTICE TO CONTRACTORS.

BIDS are invited for the construction of a two-story frame (plastered exterior) building to be erected on Linton Avenue near Broadway (Rockridge) Oakland, Cal., with plans and specifications on file in office of W. R. Ratcliff, Jr., Architect, First National Bank Bldg., Berkeley, Cal. also W. J. Leveand, 403 First National Bank Bldg., San Francisco.

Right reserved to reject any or all bids. Bids to be opened February 10th at 12 o'clock, noon.
Vestry St. Peter's Parish, Oakland. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 1004 A. M. Thursday, February 19, 1914, for Transfer Table in Transportation Building in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal. The accepted check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

STATE OF CALIFORNIA. DEPARTMENT OF ENGINEERING. CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 15 Forum Bldg., Sacramento, Cal., until 2 o'clock P. M. on February 24th, 1914, at which time they will be publicly opened and read for construction in accordance with

the specifications therefor, to which special reference is made, portions of State highway as follows:

San Mateo County from the south line of City to South San Francisco (IV-S. M-2-A), about 4 miles in length, to be built of Portland cement concrete with asphalt surface.

San Diego County from Las Flores to the Western Boundary (VII-S. D-2-D), about 11.5 miles in length, to be built of Portland cement concrete.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained, at the said office and they may be seen at the offices of the Division Engineers of the divisions in which the work is situated. The Division Engineers' offices are located at Willits, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The specifications of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal. Full directions as to bidding quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

Dated: January 22, 1914.

CHARLES E. BENEY,
NEWELL D. DARLINGTON,
CHARLES F. STERN,
California Highway Commission.

AUSTIN B. PLACER,
Highway Engineer.
WILSON R. ELLIS,
Secretary. (*)

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 819—Proposals for Four Steel Tugboats for Handling and Docking of Vessels at the Entrances of the Panama Canal—Sealed proposals will be received at the office of the general purchasing officer, Panamanian Canal Commission, Washington, D. C., until 12 o'clock, noon, February 23, 1914, at which time they will be opened in public for furnishing the above mentioned tugboats. Blanks and general information relating to this circular (No. 819) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal., or from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; C. BOGGS, major, corps engineers, U. S. A., general purchasing officer.

PROPOSALS FOR PUMPS.

PUMPS—Sealed proposals indorsed "Proposals for Heating System, Fire and Flushing Pumps" will be received at the Bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., February 14, 1914, and then and there publicly opened, for furnishing and installing on foundations provided by the government in the central power plants, United States navy yards, Mare Island, Cal., and Puget Sound, Wash., two motor-driven fire pumps of 1,000 gallons per minute capacity, 400 feet head, and two steam turbine-driven heating system pumps of 1,000 gallons per minute capacity, 150 pounds per square inch gauge head. Estimated cost, \$14,000. Plans and specifications can be obtained on application to the bureau or to the commandants of the navy yards named, H. R. STANFORD, chief of bureau.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Tuesday, February 24, 1914, and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building known as the Recreation Hall at the Napa State Hospital, Napa, California, in accordance with plans and specifications

therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications of the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Recreation Hall, Napa State Hospital, Napa, California."

[SIGNED] W. F. MCCLURE,
State Engineer. (*)

PROPOSALS FOR MECHANICAL EQUIPMENT.

MECHANICAL EQUIPMENT—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at 2 P. M., February 16, 1914, for the mechanical equipment (except roof drainage and elevators), of the United States post office at Denver, Colo. Drawings and specifications may be obtained on or after January 5, 1914, at this office or at the office of the architects, Tracy, Swartwout & Lathfield, 244 Fifth Avenue, New York, N. Y., in the discretion of the supervising architect, O. WENDEROTH, supervising architect.

PROPOSALS FOR ELEVATOR.

ELEVATOR—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until 3 P. M., February 16, 1914, and then opened, for an elevator plant in the United States post office at Denver, Colo., in accordance with the drawings and specifications, copies of which may be had at this office or at the office of the architects, Tracy, Swartwout & Lathfield, 244 Fifth Avenue, New York, N. Y., in the discretion of the supervising architect, O. WENDEROTH, Washington, D. C.

PROPOSALS FOR BRICK WORK.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 11th day of February, 1914, until 10 o'clock, for the furnishing of the necessary labor and materials therefor, to wit:

The brick work of the Washington Irving School Building.

Progressive payments will be made. The work may be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be completed within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within sixty (60) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$3,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than the amount of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect. All proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.
F. J. CHURCHILL,
Secretary.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE—3 story and base, frame, \$15,000. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Matthew A. Little, 1347 4th avenue, S. F. The dwelling will be erected on the south side of Washington street east of Spruce, and has been designed for a ten-room house with baths and sleeping porch. Interior finish will be of pine, redwood and red gum. There will be a central heating system, probably warm air heat and open fire places. Oak floors will be used in the principal rooms. Mantels will be of brick and tile. Bath rooms will have tile floors and wainscot and will be equipped with showers. A vacuum cleaning system will be installed and automatic water heaters. Exterior of the dwelling will be covered with cement plaster on metal lath, rustic and a veneer brick base. Plans are complete and the work will be done by Day Labor.

ORNAMENTAL STONE WORK—Cost not stated. San Francisco. Architect, G. A. Applegarth, Call Bldg., S. F. Owner, A. B. Spreckels. Architect Applegarth is now completing plans for the ornamental stone work for the garden walls and a garage for the \$250,000 residence of Mr. Spreckels at the northwest corner of Washington and Octavia streets. Bids will be called for on this work at once.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owners, Costello and Deerick, 93 College avenue, S. F. This house has been designed for a six-room dwelling and will be erected on the east side of 19th avenue north of Anza. Interior finish will be of pine and redwood with oak floors in the principal rooms. There will be a large open fire place in the living room with a tile mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic. Plans are in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$7,000. San Francisco. Architect, none. Owner, Frank Pegel, 366 14th avenue, S. F. The dwelling, designed for an eight-room house with baths and sleeping porch, will be erected at the northwest corner of Geary and Jordan avenue. Interior will be finished in pine and hardwood veneer with oak floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. Plans provide for automatic water heater and a vacuum cleaning system. Bath rooms will have composition floors and tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath and shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

APARTMENT HOUSE—3 story and

base, frame, \$18,000. San Francisco. Architects, Dunn & Kerns, Monadnock Bldg., S. F. Owner, M. Simmons. The building will be erected on the north side of Clay street west of Leavenworth, covering an area of 3½ feet by 112 feet. There will be a total of 12 suites of three and four rooms. Interior will be finished in pine with some elm panels and oak floors. There will be steam heat and a hot water supply. Portable vacuum cleaners will also be installed. All suites will have private baths and wall beds. Bath rooms will have composition floors and tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and figures will be called for at once.

APARTMENT HOUSE—3 story and base, Class A construction, \$225,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, Mrs. A. Eldridge. The building will be erected on property recently purchased by Mrs. Eldridge on Jones street near Sutter. Construction will be of the class A type throughout with a complete steel frame, concrete walls and floors. Interior partitions will be of metal lath and plaster. The building will have a frontage of 52 feet and a depth of 137½ feet. Interior has been arranged for a total of 92 suites of two and three rooms with a number of single rooms. All suites will have private baths and wall beds. Hardwoods, pine and redwood will be used for interior finish. Bath rooms will have tile floors and wainscot. Plans provide for steam heat, elevator service, hot water supply and vacuum cleaning. Exterior of the building will be faced with pressed brick and terra cotta. Working drawings are now being prepared.

APARTMENT HOUSE—3 story and base, frame, \$25,000. San Francisco. Architect, W. G. Hind, 46 Kearny street, S. F. Owners, Mrs. Emery, Mrs. Chapin and Mrs. De Turberville. The building will be erected on the south side of Clay street between Jones and Leavenworth. Interior has been arranged for three suites of three rooms, three suites of two rooms and six five-room suites. All interior finish will be of pine or elm. Oak floors will be used in the larger suites. There will be wall beds, private baths and open fire places. Bath rooms will have tile wainscot and composition floors. There will be steam heat and hot water supply. Mantels will be of tile. Exterior of the building will be covered with cement plaster on metal lath. A brick veneer base and entrance will be specified. Plans are complete and segregated figures are now being taken.

APARTMENT HOUSE—3 story and base, frame, \$20,000. San Francisco. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner, The Building will be erected on Pacific near Jones, and will be arranged for suites of four and five rooms. Interior will be finished in pine and hardwood veneer. There will be a central heating system and hot water

supply. Bath rooms will have composition floors and tile wainscot. All suites will have private baths and wall beds. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and bids are being taken.

APARTMENT HOUSE—4 story and base, brick and steel, \$100,000. San Francisco. Architect, J. R. Miller, Lick Bldg., S. F. Owners, San Christina Investment Co. The building will be erected at the corner of 16th and Howard streets, covering an area of 175 by 85 feet. The first floor will contain a number of stores besides the entrance to the apartments. Upper floors will be arranged for a large number of two and three room suites with private baths, wall beds and other modern improvements. Interior finish will be of pine and redwood with some elm panels. There will be steam heat, elevator service and vacuum cleaning. Bath rooms will have composition floors and tile wainscot. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Working drawings are nearly complete and figures will be called for shortly.

APARTMENT HOUSE—3 story and base, frame, \$30,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Mrs. Mary Bean. The building will be erected at the southwest corner of Fell and Steiner streets, and will contain a number of two and three room suites. Interior finish will be of pine and elm. Some oak floors will be used. There will be steam heat and a hot water supply. All suites will have wall beds and private bath rooms. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are being prepared.

APARTMENT HOUSE—3 story and base, frame, \$12,000. San Francisco. Architect, none. Owner, J. Dempiak, 1658 Washington street, S. F. The building will be erected on Clay street east of Taylor, and will have a frontage of 25 feet by a depth of 85 feet. There will be six suites, three of four rooms and three of three rooms. Interior will be finished in pine with elm panels. Oak floors will be used in the living rooms and dining rooms. Plans provide for steam heat, hot water system and portable vacuum cleaners. All apartments will have wall beds and private baths. Bath rooms will have composition floors and tile wainscot. Entrance lobby will be finished in ornamental plaster and hardwoods. Marble and tile will be used in the entrance. Exterior of the building will be covered with cement plaster on metal lath. A pressed brick basement will also be used. Plans are complete and work will be done by Day Labor. The owner is now letting subcontracts for all materials and work.

APARTMENT HOUSE—3 story and base, frame, \$30,000. San Francisco. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner's name withheld. The building will be erected on Pine street near Stockton, and will contain suites of six and seven rooms. Interiors will be finished in pine and hardwood. There will be steam heat, automatic elevator, hot water system and vacuum cleaning. Bath rooms will be finished in tile. All suites will have

wall beds. Exterior of the building will be covered with rustic and cement plaster on metal lath. Figures are now being taken.

TUNNEL WORK—Cost not stated. San Francisco, Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. The State Board of Harbor Commissioners have announced the completion of plans and specifications for the proposed tunnel which is to carry the Belt Line Railroad under Port Mason. There will be approximately 1,500 feet of tunnel construction and about 1,400 feet of trestle from Fishermen's Cove to the east portal of the tunnel. Bids will be asked for in the course of a week or ten days. Plans can be secured from the Assistant State Engineer, Ferry Bldg.

WAREHOUSE—2 story and base. Class C construction. \$10,000. San Francisco, Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, E. H. Cary. The building will be erected on the north side of Brannan street between Third and Fourth streets, and will cover an area of 60 by 80 feet. There will be a cement floor on the ground floor. Interior finish will be of pine throughout. Metal window sash and frames are specified. Exterior of the building will be faced with stock brick. Plans are complete and figures are being taken.

WAREHOUSE—5 story and base, reinforced concrete, \$200,000. San Francisco, Architect, G. A. Applegarth, Call Bldg., S. F. Owner's name withheld. The building will be erected in the southern part of the city adjacent to spur track facilities. Construction will be fireproof throughout with reinforced concrete walls, floors and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. Pine trim will be used. There will be elevator service, automatic sprinklers and metal window sash and frames. Exterior of the building will be faced with cement plaster. Working drawings are now being prepared.

GARAGE—1 story, reinforced concrete. Cost not stated. San Francisco, Architect, Charles F. Whittlessey, 555 Clayton street, S. F. Owner's name withheld. The building will be erected on Geary street near Fourth avenue. Walls, floor and roof will be of reinforced concrete. Interior will be finished in pine. There will be special gasoline storage tanks and metal window sash and frames. Exterior of the building will be faced with cement plaster. Plans are being prepared.

CITY HALL HEATING AND VENTILATING—Cost not stated. San Francisco, Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. The lowest figure received for the heating and ventilating of the new City Hall was from F. P. Walsh for \$47,965. No contract has been awarded. A complete list of the figures received will be found under the heading of San Francisco in this issue.

HOTEL—14 story and base. Class A construction, \$450,000. San Francisco, Architect, G. A. Applegarth, Call Bldg., S. F. Owners, Clift Estate. This work has been mentioned here a number of times before. The excavation, foundation work and steel are now complete. The architect is taking segregated figures for all other parts of the work.

The structure is of the Class A type throughout, and when complete will take its place as one of the foremost hotels on the Pacific Coast. Covering an entire Fifty Vara lot only few hotels in the west have a greater number of rooms. Interior is to be handsomely finished in hardwood, metal and ornamental plaster. Marble, tile and Chen stone will be used extensively.

HOTEL ALTERATIONS—3 story and base. Class C construction. Cost not stated. San Francisco, Architects, Welsh & Carey, Merchants' National Bank Bldg., S. F. Owner, A. Paladini. The building located at the corner of Pine and Leidesdorff streets, and for the past two years used as stores and lofts, is to be altered into a rooming house. The first floor will be arranged for an entrance besides the stores. Upper two floors will contain about 50 guest rooms and several baths. The work will include new interior partitions, plastering, electric work, painting, plumbing and mill work. Plans are now being prepared.

CAR BARN ADDITION—1 story and basement, reinforced concrete, \$60,000. San Francisco, Architect, Architectural Department, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans are complete and out for figures for the one-story addition to the Municipal car barns at First avenue and Presidio. The addition will cover a large ground area and will be similar in construction and design to the present building. Reinforced concrete walls and floor will be used. Roof will be of clay tile. Interior finish will be of pine. Special electric installations are to be made. Exterior of the building will be faced with cement plaster. Plans can be secured from the Department of Architecture. Bids will be opened by the Board of Public Works on February 18th. An official proposal appears in another column of this issue.

RESIDENCES—4, 2 story and base, frame, \$1,000 each. San Francisco, Architect, A. W. Smith, 1010 Broadway, Oakland. Owners, Fockman & Co., 37th avenue and Geary street, S. F. These houses will be erected in what is known as Lincoln Manor. Each of the dwellings will contain seven rooms and bath. Interiors will be finished in pine, oak, mahogany and gum. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Owners will purchase all materials.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco, Architect, none. Owner, F. Nelson, 20 Presidio Terrace, S. F. The dwelling will be erected on the west side of 10th avenue north of Fulton, and has been designed for a six-room house with bath. All interior finish will be of pine or redwood. Some oak floors will be used. There will be a large open fire place in the living room with a tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater is specified. Exterior of the house will be covered with rustic and cement plaster on metal lath.

Plans are complete and work will be done by Day Labor.

RESIDENCE—1½ story and base, frame, \$3,000. San Francisco, Architect, none. Owner, Andrew Lyon, 182 Liberty street, S. F. The dwelling, which has been designed for a six-room house will be erected on the west side of Belvedere south of 17th street. Interior finish will be of pine and redwood with some hardwood veneer in the living room and dining room. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and a brick veneer base. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE—1½ story and base, frame, \$3,100. San Francisco, Architect, O. E. Evans, 2367 Mission street, S. F. Owners, William and Hilda Beuhel, 422 Lisbon street, S. F. The dwelling has been designed for a six-room house and will be erected on Lisbon street west of Persia. Interior finish will be of pine and redwood. Oak floors will be used in the principal rooms. There will be a large open fire place in the living room with a brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

STORES AND LOFTS—2 story and base, brick, \$3,000. San Francisco, Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, C. Demetrek. The building will be erected on Commercial street east of Drumm, and will have a frontage of 25 feet by a depth of 60 feet. Three of the walls are now standing. Interior finish will be of pine. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owner who will do the work by Day Labor.

STATE HIGHWAY WORK—Cost not stated. Five Counties, California. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids were opened on February 2nd by the State Highway Commission for the construction of highways in five different counties. A complete list of the figures will be found under the heading of San Francisco in this issue. Only the total amount of the bids submitted are given and parties interested in unit prices and materials furnished by the state can secure official records by calling at this office where such data is on file.

BUILDING TOTALS FOR JANUARY.

Report Shows Over Seven Million Spent in Building Construction.

Figures compiled by the Bureau of Building Inspection of the Board of Public Works show that \$7,349,816 have been invested in building construction for the month of January. This amount



BELGRAVIA APARTMENTS, OWNED AND ERECTED BY LARSEN & LARSEN
San Francisco

Equipped with Simplex
Windows

Frederick H. Meyer, Architects
San Francisco

Building and Industrial News
February 11, 1914

PLATE A



ARTHUR APARTMENTS, OWNED AND ERECTED BY LARSEN & LARSEN
San Francisco

Equipped with Simplex
Windows

T. Patterson Ross, Architect
San Francisco

Building and Industrial News
February 11, 1914

PLATE B

includes 16 Exposition buildings and 3 public buildings. The Bureau report follows:

Class	No. of Bldgs.	Amount
"C"	14	\$ 275,360
Frames	130	514,973
Alterations	235	112,483
Exposition Buildings	16	6,127,000
Public Buildings	3	320,000
Total	393	\$7,349,816

NOTICE OF NON-RESPONSIBILITY.

Feb. 5, 1914—BLK BDED ON N BY Eddy, S by Turk, W by Fillmore and E by Webster. Realty & Re-building Co as to improvements on leased property

City Bids Opened.

Bids for Heating and Ventilating of City Hall widely Separated. No Award is Made.

Thirteen sets of figures for the installation of the heating and ventilating system in the new City Hall were opened by the Board of Public Works at their Wednesday afternoon meeting. The lowest of these figures was presented by F. P. Walsh at \$47,965. The award of contract will be considered at the Friday afternoon session. A complete list of all figures follows:

Heating and Ventilating City Hall	
Mangrum & Otter	\$64,987
A. Lettich	72,264
Kiernan & O'Brien	55,498
Wittman-Lyman Co.	56,127
J. M. Lettich	69,283
F. P. Walsh	47,965
Petersen-James Co.	60,000
Robert Daiziel Jr.	55,217
J. C. Hurley Co.	59,215
J. E. O'Mara	56,977
Scott Co.	57,920
Herman Lawson	85,850
Pacific Fire Extngrsr Co.	61,065

Bids are Opened On State Highway Work.

Work in Six Counties Attracts Many Bidders. List of Unit Prices on File at This Office.

Bids were opened in Sacramento on February 2nd by the State Highway Commission for constructing highways in Ventura, Santa Cruz, San Bernardino, El Dorado, Kern and San Luis Obispo Counties. Only the totals of these bids are given below. Parties interested in the unit prices and engineers' estimates on this work can see the official summary of proposals at this office.

VENTURA COUNTY DIV. 7 ROUTE 2, SEC. D AND E.	
W. W. Atkinson, L. A.	\$116,189.00
Leigh G. Garnsey, L. A.	129,191.10
Bent & Pennebaker, L. A.	107,680.82
Carl Leonardt, L. A.	81,544.25
Engineer's Estimate	\$98,192.96
SANTA CRUZ COUNTY DIV. 4 ROUTE 5 SEC. A.	
Martin S. Foss, Berkeley	\$54,985.00
Hard Bros., Sacramento	\$7,667.00
James H. Smith, S. F.	11,117.50
J. D. and J. P. Niman and J.	

H. Atward, Turlock	\$8,472.00
Moffatt & Mead, S. F.	63,485.00
E. B. & A. L. Stone Co., S. F.	75,487.50
J. C. Allen, S. F.	56,388.00
Mahoney Bros., S. F.	61,917.00

Engineer's Estimate, \$60,479.65. SAN BERNARDINO COUNTY DIV. 7, ROUTE 0 SEC. D.

B. A. Davissou Contg. Co.	
Monrovia	\$13,498.55
Louis Ferrell, Pomona	12,707.98
Hudson-Johnston Constr. Co.	
L. A. (Informal)	18,440.90
H. M. Hanawalt, Lordsburg	14,178.00
John D. Marsh, L. A.	16,115.00

Engineer's Estimate, \$14,916.53. ELDORADO COUNTY DIV. 3, ROUTE 11 SEC. C.

Arthur S. Lyon, Smith's Flat	\$56,411.00
Engineer's Estimate	\$50,894.98

KERN COUNTY, DIV. 6 ROUTE 4 SEC. E.

Geo. S. Benson & Sons, L. A.	\$24,127.00
P. A. & C. H. Howard, L. A.	39,937.80
Taylor & Berliner, L. A.	27,538.00
Mahoney Bros., S. F.	37,417.30

Engineer's Estimate, \$33,255.70. KERN CO. DIV. 6 ROUTE 4 SEC. D.

Geo. S. Benson & Sons, L. A.	\$32,161.00
Mahoney Bros., S. F.	53,254.00
P. A. & C. H. Howard, L. A.	49,945.80

Engineer's Estimate, \$40,760.73. SAN LUIS OBISPO COUNTY, DIV. 5 ROUTE 2 SEC. A.

W. A. Dontanville, Pasadena	\$61,297.20
Blanchard-Brown Co., S. F.	79,337.75
Geo. W. Martin & Son, Sacramento	73,787.00
Mayer & Lewis, Venice	79,729.00
Geo. S. Benson & Sons, L. A.	65,826.00

Engineer's Estimate, \$65,130.83. SAN LUIS OBISPO COUNTY DIV. 5 ROUTE 2 SEC. C.

Geo. S. Benson & Sons, L. A.	\$34,784.25
Mayer & Lewis, Venice	52,445.00
Blanchard-Brown Co., S. F.	43,704.25
W. A. Dontanville, Pasadena	61,067.15

Engineer's Estimate, \$39,471.74. S. F. A. C. Regular Monthly Meeting.

Architects W. B. Faville, Edgar A. Mathews and Tobias Bearwald Presented with Tokens of Appreciation.

At the regular monthly meeting of the San Francisco Architectural Club, held in the club rooms, 126 Post street, last Wednesday evening, Architect W. B. Faville, Architect Edgar A. Mathews and Architect Tobias Bearwald were each presented, with a handsomely carved pair of book stands as a token of the Club's appreciation of their services rendered during the last Annual Architectural Club Exhibit.

The presentation was made by President George Greenwood. Mr. Mathews and Mr. Bearwald expressed themselves as being in hearty accord with the spirit of the Club's Annual Exhibit and offered any further aid which they might give in the next exhibit. Mr. Faville, who was unable to attend, replied by letter in the same spirit.

Routine business consisting of reading the minutes of the regular business meeting and the Directors' meeting followed. About forty members were in attendance.

Building Contracts Awarded

San Francisco.

No.	Owner	Contractor	Am't.
304	Trevor	Speidel	3150
305	Natl Ice	Brandon	3210
306	French-Am Bk.	Forreder	4480
307	P P I E	Bolander	14904
308	Brown	Gawthorne	450
309	Shainwald	Svenson	50
310	Calacagno	Calacagno	1000
311	Stuart	Meek	450
312	Miller	Miller	400
313	Mouroux	De Luca	1392
314	Benny	Brumfield	400
315	Haver	Haver	1500
316	Belan	Graper	5000
317	Barone	Johnson	1392
318	Yates	Moore	2000
319	Same	Same	2000
320	Same	Same	2000
321	Silverman	De Luca	12250
322	Meyer	Leigo	2850
323	Same	Same	2850
324	Crocker Hotel	Taylor	36000
325	Smith	Walsh	8450
326	Strauss	Wade	2350
327	Sterling	Sharnan	6590
328	Ward	Mager	3925
329	Osterberg	Osterberg	1000
330	Pegel	Pegel	7000
331	Ramaciotti	W'n Un Bldrs	9500
332	Selby	Rankin	1000
333	Fox	Fox	400
334	Thomson	Nicoll	1000
335	Nelson	Nelson	1600
336	Palmer	Salanave	400
337	Haner	Haner	1000
338	Costello	Deerick	2000
339	Episcopal Ch	Penny	12740
340	Crocker Hotel	Macrum	12380
341	Same	Am Meble	47380
342	Same	Rudger	7000
343	Same	McGuigan	1260
344	Fourman	Barrett	1750
345	Mann	Klenck	2100
346	MacKenzie	W'n Un	9500
347	Davidson	Elders	5000
348	Pockman	Pockman	4000
349	Same	Same	4000
350	Same	Same	4000
351	Ulmer	Ulmer	1400
352	Millerick	Millerick	400
353	Vogel	Cavaglieri	500
354	Cassey	Scanlon	400
355	Goetten	Goetten	400
356	Smith	Smith	400
357	Sylvia	Sylvia	1500
358	Lyon	Lyon	3000
359	Corbin	Party	1800
360	Little	Little	15000
361	Schwartz	Eads	450
362	York	York	700
363	Nelson	Nelson	2500
364	Garibaldi	Ellingson	2150
365	Marsicano	Farnocchia	6210
366	Same	Globe	200
367	Same	Ravani	810
368	Same	Gallian	550
369	Allee	Rehn	1775
370	Hawthorne	Murray	4600

(304) E FOURTH AVE 310-4 13-16 S Cabrillo S 31x2 E B L 383. All work for two-story and basement frame residence.

Owner.....Trevor & Co., 32 Montgomery, San Francisco.
Architect...W. H. Crim Jr., 426 Kearny, San Francisco.
Contractor...P. F. Speidel, 1124 Eddy, San Francisco.

Filed Feb. 2, '14. Dated Jan. 29, '14
Roof on\$1287.50
Standing finish up..... 1287.50
Completed and accepted..... 1287.50
Usual 35 days..... 1287.50

TOTAL COST, \$5150.00
Bond, \$2600. Surety, Globe Indemnity Co. of Maryland. Limit, 75 days. Forfeit, \$5. Plans and specifications filed.

(305) SE UNION AND GAINES E 120 X S 100. Brick and carpenter work for four-story brick and steel Class "C" building (ice manufacturing and cold storage purposes)
Owner.....National Ice & Cold Storage Co. of California, 22 Battery, San Francisco.
Chief Engineer...Chas. Walker, 22 Battery, San Francisco.

Contractor..Brandon & Lawson, 180 Jessie, San Francisco.
Filed Feb. 2, '14. Dated Jan. 15, '14.
On 1st and 15th of each month 75%
Usual 35 days, 25%.....\$3923
TOTAL COST, \$32,100

Bond, \$16,050. Surety, Aetna Accident & Liability Co. Limit, as fast as required. Forfeit, \$50. Plans and specifications filed.

(366) W TRINITY 68-9 N Sutter W 61-34xN 31-4 1/2. Sheet metal work for ten-story Class "A" building to form annex thereto.

Owner.....French American Bank of Savings, Premises by P. J. Walker, Monadnock Bldg., San Francisco.

Architect...E. A. Bozio, 1125 Laguna, San Francisco.

Contractor..Forderer Cornice Works, 269 Potrero, S. F.

Filed Feb. 2, '14. Dated Feb. 2, '14.

Semi-monthly on 1st and 15th 75%
36 days after.....Balance

TOTAL COST, \$4480

Bond, \$2240. Surety, National Surety Co. Limit, without delay. Forfeit, none. Plans and specifications filed.

(362) EXPOSITION SITE. Wooden poles for are standards for Exposition Grounds.

Owner.....Panama-Pacific International Exposition. Exposition Bldg., S. F.

Architect...None.

Contractor..G. R. Bolander, 1823 Encinal Ave., Alameda.

Filed Feb. 2, '14. Dated Jan. 27, '14.

Payments as work progresses. 75%
Usual 35 days.....25%

TOTAL COST, \$14,904

Bond, \$8000. Surety, Maryland Casualty Co. Limit, 160 days. Forfeit, \$10. Plans and specifications filed.

(367) S CHESTNUT 100 E Grant Ave. Alter front.

Owner.....J. B. Brown, 208 Humboldt Bldg., San Francisco.

Designer...F. A. Gawthorne.

Contractor..F. A. Gawthorne, 650 California, San Francisco.

COST, \$450

(368) NO. 146 EAST. Alter lobby.

Owner.....Shalnwald, Buckbee & Co., 27 Montgomery, S. F.

Architect...None.

Contractor..Swenson & Franzen, 230 Tehama, San Francisco.

COST, \$300

(369) SE PRENTISS & POWHATTAN One-story and basement frame dwlg.

Owner.....John Calcagno, 1210 Powhattan, San Francisco.

Architect...None.

Day's work. COST, \$1000

(370) NO. 150 ELLIS. Erect partition, art glass and tile floor.

Owner.....Stuart & Quinn, Premises.

Architect...None.

Contractor..T. H. Meek Co., 1157 Mission, San Francisco.

COST, \$450

(311) NO 255 DOLORES. Add five linen closets and install gate.

Owner.....Fred Miller, Premises.

Architect...None.

Day's work. COST, \$400

(312) SW DEVISADERO & GROVE. Repair floor in store and minor repairs.

Owner.....C. A. Mouroux, 1154 Fillmore, San Francisco.

Architect...None.

Contractor..John Spargo, 110 Jessie, San Francisco.

COST, \$1000

(313) NO. 570 CALIFORNIA. Erect marquee.

Owner.....L. R. Benny, Premises.

Architect...None.

Contractor..Brumfield Elec. Sign Co., 18 7th, San Francisco.

COST, \$1

(314) N PAGE 106-3 E Shrader. Three story and basement frame (3) flats.

Owner.....Phillip J. Haner, 644 Grove, San Francisco.

Architect...None.

Day's work. COST, \$1500

(315) W FOURTH AND JESSIE NW 75xSW 75. Painting and finishing of iron, sheet metal and wood work on exterior, damp proofing, painting, staining and enameling of interior, linowall, tinting and decorating for eight-story store and hotel building.

Owner.....Mary L. Phelan, 1840 California, San Francisco.

Architect...William Curlett & Son, Phelan Bldg., S. F.

Contractor..Harry G. Graper, 50 Farren Ave., San Francisco.

Filed Feb. 3, '14. Dated Jan. 30, '14.

On 1st and 15th of each month 75%
Usual 35 days.....25%

TOTAL COST, \$5000

Bond, \$2500. Surety, Maryland Casualty Co. Limit, 35 days. Forfeit, none. Plans and specifications filed.

(316) W CHURCH 20 S 26th. Alterations and additions to two-story frame building into store and flats.

Owner.....N. Barone, 1402 Church, San Francisco.

Architect...None.

Contractor..Johnson & Hatland, 1813 Church, San Francisco.

Filed Feb. 3, '14. Dated Jan. 29, '14.

Roof on\$100

Brown coated400

Completed392

Usual 35 days.....400

TOTAL COST, \$1592

Bond, \$800. Surety, A. F. Moore. Limit, none. Forfeit, none. Plans and specifications filed.

(317) W TWENTIETH AVE 200 S Anza S 25xW 120. All work for two story and basement frame residence.

Owner.....Jeanette Yates, 335 21st Ave., San Francisco.

Architect...None.

Contractor..Yates & Moore, 335 21 Ave., San Francisco.

Filed Feb. 3, '14. Dated Jan. 5, '14.

Frame up ready for roofing.....\$500

Brown coated600

Completed and accepted.....500

Usual 35 days.....500

TOTAL COST, \$2600

Bond, none. Limit, 90 days after Jan. 12. Forfeit, none. Plans and specifications filed.

(318) W TWENTIETH AVE 225 S Anza S 25xW 120. All work for two-story and basement frame residence.

Owner.....Jeanette Yates, 335 21st Ave., San Francisco.

Architect...None.

Contractor..Yates & Moore, 335 21 Ave., San Francisco.

Filed Feb. 3, '14. Dated Jan. 6, '14.

Frame up ready for roofing.....\$500

Brown coated600

Completed and accepted.....500

Usual 35 days.....500

TOTAL COST, \$2600

Bond, none. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(321) S ANZA 95 E 18th Ave E 25x S 100 OL 300. All work for six-room and basement frame building.

Owner.....Nevada W. Meyer, 1960 Pierce, San Francisco.

Architect...None.

Contractor..Leigh & Schultz, 330 8th Ave., San Francisco.

Filed Feb. 3, '14. Dated Feb. 2, '14.

Frame up and plumbing roughed in\$712.50

Brown coated712.50

Completed and accepted.....712.50

Usual 35 days.....712.50

TOTAL COST, \$2850

Bond, none. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(322) S ANZA 95 W 17th Ave W 25x S 100 OL 300. All work for six-room and basement frame building.

Owner.....Nevada W. Meyer, 1960 Pierce, San Francisco.

Architect...None.

Contractor..Leigh & Schultz, 330 8th Ave., San Francisco.

Filed Feb. 3, '14. Dated Feb. 2, '14.

Frame up and plumbing roughed in\$712.50

Brown coated712.50

Completed and accepted.....712.50

Usual 35 days.....712.50

TOTAL COST, \$2850

Bond, none. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(323) SW POST AND POWELL W 137-6 S 63-6 E 69-7 N 6-6 E 67-11 th — 57 to beg. Finish carpenter work for Post street addition to St. Francis Hotel.

Frame up ready for roofing.....\$500
Brown coated500
Completed and accepted.....500
Usual 35 days.....500

TOTAL COST, \$2000

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(319) W NINETEENTH AVE 250 S Clement S 25xW 120. All work for one-story and basement frame hungalaw.

Owner.....Jeanette Yates, 335 21st Ave., San Francisco.

Architect...None.

Contractor..Yates & Moore, 335 21 Ave., San Francisco.

Filed Feb. 3, '14. Dated Jan. 5, '14.

Frame up ready for roofing.....\$500

Brown coated500

Completed and accepted.....500

Usual 35 days.....500

TOTAL COST, \$2000

Bond, none. Limit, 90 days after Jan. 12. Forfeit, none. Plans and specifications filed.

(320) SE POWELL AND PACIFIC S 67-6x E 22-6. Excavating, brick work and concrete work, etc., for holding and underpinning three-story and basement brick building.

Owner.....Moritz Silverman.

Architect...Wm. Mosser, Nevada Bk. Bldg., San Francisco.

Contractor..R. De Luca, 2232 Jones, San Francisco.

Filed Feb. 3, '14. Dated Jan. 26, '14.

Completed and accepted.....\$935

Usual 35 days.....315

TOTAL COST, \$1250

Bond, \$625. Surety, United States Fidelity & Guaranty Co. Limit, 40 days. Forfeit, \$20. Plans and specifications filed.

(321) S ANZA 95 E 18th Ave E 25x S 100 OL 300. All work for six-room and basement frame building.

Owner.....Nevada W. Meyer, 1960 Pierce, San Francisco.

Architect...None.

Contractor..Leigh & Schultz, 330 8th Ave., San Francisco.

Filed Feb. 3, '14. Dated Feb. 2, '14.

Frame up and plumbing roughed in\$712.50

Brown coated712.50

Completed and accepted.....712.50

Usual 35 days.....712.50

TOTAL COST, \$2850

Bond, none. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(322) S ANZA 95 W 17th Ave W 25x S 100 OL 300. All work for six-room and basement frame building.

Owner.....Nevada W. Meyer, 1960 Pierce, San Francisco.

Architect...None.

Contractor..Leigh & Schultz, 330 8th Ave., San Francisco.

Filed Feb. 3, '14. Dated Feb. 2, '14.

Frame up and plumbing roughed in\$712.50

Brown coated712.50

Completed and accepted.....712.50

Usual 35 days.....712.50

TOTAL COST, \$2850

Bond, none. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(323) SW POST AND POWELL W 137-6 S 63-6 E 69-7 N 6-6 E 67-11 th — 57 to beg. Finish carpenter work for Post street addition to St. Francis Hotel.

Owner.....Crocker Hotel Co.
Architect...Bliss & Faville, Balboa
Bldg., San Francisco.
Contractor..Taylor & Co.
Filed Feb. 3, '14. Dated Jan. 28, '14.
Payments on list of each month 75%
Usual 35 days 25%
TOTAL COST, \$36,000
Bond, \$18,000. Surety, Globe Indemnity
Co. Limit, 4 months. Forfeit, \$50.
Plans and specifications filed.

(324) E TENTH AVE 245 N Fulton N
25xE 120 O L 289. All work for two-
story frame dwelling.
Owner.....Wm. Smith, 777 Dolores,
San Francisco.
Architect...O. E. Evans, 2132 Mission,
San Francisco.
Contractor..Jas. Welsh, 244 20th Ave.,
San Francisco.
Filed Feb. 4, '14. Dated Dec. 18, '13.
At date hereof.....\$ 300
January 2, 1914..... 550
Brown coated 800
Plumbing in 800
Usual 35 days..... 4200
TOTAL COST, \$6450
Bond, limit, forfeit, none. Plans and
specifications filed.

NOTE:—This contract also includes
an agreement to convey the real prop-
erty from contractor to 1st party.

(325) SE FAIRMOUNT AVE AND
Whitney E 37-6 S 33 W 13 m or 1 NW
96-34. All work for one-story and
basement frame cottage.
Owner.....Hugo and Pauline Strauss,
1175 York, San Francisco.
Architect...None.
Contractor..E. J. Wade & P. Carlsen,
579 Duboce Ave., S. F.
Filed Feb. 4, '14. Dated —
Roof on\$587.50
Brown coated 587.50
Accepted 587.50
Usual 35 days..... 587.50
TOTAL COST, \$2350.00
Bond, none. Limit, 80 days. Forfeit,
none. Specifications only filed.

(326) NE THOMAS AVE 110 SE Keith
SE 55xNE 100 Ptn Bk 383 S S F Hd
and R R Ass'n. Carpenter, plaster-
ing, painting, plumbing, electrical
work and concrete work, etc., for 4
one-story and basement and attic
frame cottages.
Owner.....Sterling Investment Co.,
1121 Hearst Bldg., S. F.
Architect...Plans by owner.
Contractor..T. L. Sharman, 1406 Revere
Ave., San Francisco.
Filed Feb. 4, '14. Dated Jan. 28, '14.
Frames up and roofs on.....\$1647.50
Plastering completed 1647.50
Completed 1647.50
Usual 35 days..... 1647.50
TOTAL COST, \$6590.00
Bond, \$3295. Sureties, Gus Swenson and
F. W. Lieschenko. Limit, 115 days
after Jan. 31. Forfeit, \$5. Plans and
specifications filed.

(327) S MINNA 411 W First W 39xS
80. All work for one-story part
mezzanine floor Class "C" building.
Owner.....Margaret Ward.
Architect...Albert Schroepfer, 68 Post,
San Francisco.
Contractor..Mager Bros., 110 Jessie,
San Francisco.
Filed Feb. 4, '14. Dated Feb. 4, '14.
Brick work up to rafters.....\$2000
Completed and accepted..... 2425

30 days after 1500
TOTAL COST, \$5925
Bond, \$3000. Sureties, D. B. Macdonald
and Severin Mager. Limit, 50 days.
Forfeit, none. Plans and specifications
filed.
(328) N FLOOD 125 W Genesee. One-
story and basement frame dwelling.
Owner.....Walfrid Osterberg, 522
Flood Ave., San Francisco.
Architect...None.
Day's work. COST, \$1000

(329) NW GEARY & JORDAN AVE.
Two-story and basement frame dwlg
Owner.....Frank Pegel, 366 10th Ave.,
San Francisco.
Architect...None.
Day's work. COST, \$7000

(330) SE CALIFORNIA AND 19TH
Ave. Three-story and basement
frame (5) apartments and store.
Owner.....H. F. Ramaciotti, 253
Montgomery, S. F.
Architect...None.
Contractor..Western Union Home
Bldrs, Inc., 1617 Telegraph
Ave., Oakland.
COST, \$9500

(331) N CALIFORNIA 87-6 W Front
Alter interior for club room.
Owner.....Henrietta Selby, 116 Cal-
ifornia, San Francisco.
Architect...H. Murdock and W. H.
Crim Jr., 425 Kearny, S. F.
Contractor..C. D. Rankin, 724 Gough,
San Francisco
COST, \$1000

(332) NO. 4028 TWENTY-SIXTH. One
story corrugated iron private garage.
Owner.....S. A. Fox, Premises.
Architect...Metal Shelter Co., 1501
Van Ness Ave., S. F.
Day's work. COST, \$400

(333) SE MISSION AND 23RD. Re-
move partition, new floors, show win-
dows and electric lights.
Owner.....Mrs. Thomson.
Architect...None.
Contractor..W. C. Nicoll, 210 4th Ave.,
San Francisco.
COST, \$1000

(334) E EDINBURGH 250 N Excelsior
One-story and basement frame dwlg.
Owner.....Emil Nelson, 580 Jersey,
San Francisco.
Architect...None.
Day's work. COST, \$1600

(335) NO. 122 TENTH. Brick founda-
tion.
Owner.....Mrs. J. Pallason, Pine and
Fillmore, San Francisco.
Architect...None.
Contractor..J. Salanave, 931 Pacific,
San Francisco.
COST, \$400

(336) N PAGE 106-3 E Schrader. Alter
three flats into 6 apartments.
Owner.....Phillip J. Haner, 644 Grove
San Francisco.
Architect...None.
Day's work. COST, \$1000

(337) E NINETEENTH AVE 50 N Anza
Two-story and basement frame dwlg.
Owner.....J. Costello & Deerick, 93 Col-
lege Ave., San Francisco.
Architect...None.
Day's work. COST, \$2000

(338) LOCATION NOT GIVEN. All
work for erection and completion of
Bays' Home Cathedral Mission of the
Good Samaritan.

Owner.....Protestant Episcopal Bis-
op of California.
Architect...Bliss & Faville, Balboa
Bldg., San Francisco.
Contractor..Isaac Penny, Phelan Bldg.,
San Francisco.
Filed Feb. 5, '14. Dated Feb. 2, '14.
Frame up\$3185
Plastering done 3185
Building completed 3185
36 days after..... 3185
TOTAL COST, \$12,740
Bond, \$6370. Sureties, Jos. Siye and
Abner Penny. Limit, June 1, 1914.
Forfeit, none. Plans and specifications
filed.

NOTE:—Above contract is for two-
story and basement frame building to
be erected on NW Potrero avenue and
25th street.

(339) SW POST AND POWELL W
137-6 S 63-6 E 69-7 N 6-6 E 67-11 th
57 to beg. Tile walls, floors, bases,
nosings covers, plinths for Post street
addition to Hotel St. Francis.
Owner.....Crocker Hotel Company.
Architect...Bliss & Faville, Balboa
Bldg., San Francisco.
Contractor..Mangrum & Otter, 561
Mission, San Francisco.
Filed Feb. 5, '14. Dated Jan. 31, '14.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$12,393

Bond, \$6199. Surety, National Surety
Co. Limit, 60 days after ready for tile.
Forfeit, \$25. Plans and specifications
filed.

(340) MARBLE WORK ON ABOVE.
Contractor..American Marble & Mosaic
Co., 25 Columbia Square,
San Francisco.
Filed Feb. 5, '14. Dated Jan. 30, '14.
Payments same as above.....
TOTAL COST, \$47,850
Bond, \$23,940. Surety, Globe Indemnity
Co. Limit, 4 months. Forfeit, \$50.
Plans and specifications filed.

(341) ORNAMENTAL IRON, ETC., ON
above.
Contractor..Rudgear-Merle Co., Bay &
Stockton, San Francisco.
Filed Feb. 5, '14. Dated Jan. 30, '14.
Payments same as above.....
TOTAL COST, \$7200
Bond, Guaranty bond in favor of owner.
Sureties, A. E. and R. A. Sbarboro.
Limit, 60 days. Forfeit, \$50. Plans and
specifications filed

(342) SIDE WALK LIGHTS AND
side walk doors on above.
Contractor..John McGulgan & Co., 142
Silver, San Francisco.
Filed Feb. 5, '14. Dated Jan. 30, '14.
Payments same as above.....
TOTAL COST, \$1269
Bond, none. Limit, 40 days. Forfeit,
\$25. Plans and specifications filed.

(343) E THIRD 25 S Perry E 77-6xS
25. All work for one-story frame
store building.
Owner.....J. S. I. S. Foorman, San
Mateo.
Engineer...L. M. Hausmann, Sharon
Bldg., San Francisco.
Contractor..Barrett & Hilp.
Filed Feb. 5, '14. Dated Jan. 28, '14.
Frame up\$450

Plastering and plumbing on..... 450
Completed and accepted..... 500
Usual 35 days..... 350
TOTAL COST, \$1750

Bond, none. Limit, 40 days. Forfeit, \$3. Plans and specifications filed.

(344) SW GEARY & JOHNSTON AVE.
Alterations and additions for two-story frame building, store and flat.
Owner.....Mrs. A. E. Mann, 3407 Geary, San Francisco.

Architect.....None.
Contractor.....F. J. Klenck, 215 Sharon Bldg., San Francisco.

Filed Feb. 6, '14. Dated Feb. 3, '14
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$2100

Bond, \$1050 Sureties, H. S. Sands and L. A. Taylor. Limit, 60 days. Forfeit, \$3. Plans and specifications filed

(345) SE CALIFORNIA AND 19TH AVE.—25x70. All work for two-story frame store and apartments.
Owner.....J. A. Mackenzie.
Designer.....J. S. Connell.

Contractor.....Western Union Home Bldgs., 1617 Telegraph Ave. Oakland.

Filed Feb. 6, '14. Dated Feb. 6, '14.
2nd story joists laid.....\$1000
Roof on..... 1375
Brown coated..... 1375
Interior and exterior plaster completed and brick work and windows and door jambs in.... 1500
Completed and accepted..... 1875
Usual 35 days..... 2375
TOTAL COST, \$9500

Bond, \$4750 Sureties, H. F. Ramacchiotti and Frank H. Buck, Jr. Limit, 90 days from Feb. 5. Forfeit, \$1. Plans and specifications filed.

(346) E VAN NESS AVE 87 N Jackson E 123 N 188-4½ W 23 S 102-8¾ W 190 ft 85-5¾ to beg. Forms, reinforced steel and concrete for additional story to building now in course of construction (two stories throughout).

Owner.....B. Davidow, 46 Kearny, San Francisco.

Architect.....O. R. Thayer, Merchants' National Bank Bldg., S. F.
Contractor.....G. Elders, 221 Sansome, San Francisco.

Filed Feb. 6, '14. Dated Jan. 29, '14.
All forms set and steel placed for beams and 2nd floor slab.....\$1000
All concrete in for 2nd story..... 1490
All work finished..... 1290
Usual 35 days..... 1220
TOTAL COST, \$5000

Bond, none. Limit, 10 days. Forfeit, none. Plans and specifications filed.

(347) LINCOLN MANOR, LOT 62. Two story and basement frame dwlg.
Owner.....Pockman & Co., 37th Ave & Geary, San Francisco.

Architect.....A. W. Smith, 1010 Broadway, Oakland.

Day's work..... COST, \$4000

(348) LINCOLN MANOR, LOT 62. Two story and basement frame dwlg.
Owner.....Pockman & Co., 37th Ave & Geary, San Francisco.
Architect.....A. W. Smith, 1010 Broadway, Oakland.

Day's work..... COST, \$4000

(349) LINCOLN MANOR, LOT 64. Two story and basement frame dwlg.

Owner.....Pockman & Co., 37th Ave & Geary, San Francisco.
Architect.....A. W. Smith, 1010 Broadway, Oakland.

Day's work..... COST, \$4000
(350) LINCOLN MANOR, LOT 61. Two story and basement frame dwlg.

Owner.....Pockman & Co., 37th Ave & Geary, San Francisco.
Architect.....A. W. Smith, 1010 Broadway, Oakland.

Day's work..... COST, \$4000

(351) E EDINBURGH 100 S France One-story and basement frame dwlg.
Owner.....W. Ulmer, 222 Raymond Ave., San Francisco.

Architect.....None.
Contractor.....T. H. Parry, 222 Raymond Ave., San Francisco.

Day's work..... COST, \$1400

(352) E EDINBURGH 75 S Italy. One-story and basement frame dwelling.
Owner.....A. Millerick.

Architect.....None.

Day's work..... COST, \$400

(353) S TWENTY-NINTH 125 E Sanchez. Alter and repair dwlg.
Owner.....Mrs. Vogel, 365 29th, S. F.
Architect.....O. E. Evans, 593 Potrero Ave., San Francisco.

Contractor.....G. Cavaglieri, 2367 Mission, San Francisco.

Day's work..... COST, \$500

(354) NO. 314 VICKSBURG. Minor repairs and alterations.

Owner.....Mrs. J. Casey, Premises.
Architect.....None.

Contractor.....J. Scanlon, 2466 Geary, S. F.

Day's work..... COST, \$400

(355) NO 1080 McALLISTER. Rat-proof floor.
Owner.....W. Goetjen, 906 Webster, San Francisco.

Architect.....None.

Day's work..... COST, \$400

(356) NO. 1052 DE HARO. Cement bulkhead.

Owner.....E. Smith, Premises.
Architect.....None.

Day's work..... COST, \$400

(357) W THIRTIETH AVE 135 N Clement. One and one-half-story and basement frame dwelling.

Owner.....A. M. Silva, 575 41st Ave., San Francisco.

Architect.....None.

Day's work..... COST, \$1500

(358) W BELVEDERE 102-8½ S 17th. One and one-half-story and basement frame dwelling.

Owner.....Andrew Lyon, 182 Liberty, San Francisco.

Architect.....None.

Day's work..... COST, \$3000

(359) W LISBON 25 S France. One-story and basement frame dwelling.

Owner.....W. Corbin, 222 Raymond Ave., San Francisco.

Architect.....None.

Contractor.....T. H. Parry, 222 Raymond Ave., San Francisco.

Day's work..... COST, \$1800

(360) S WASHINGTON 165 E Spruce. Three-story and basement frame residence.

Owner.....Matthew A. Little, 1347 4th Ave., San Francisco.
Architect.....E. E. Young, 251 Kearny, San Francisco.

Day's work..... COST, \$15,000
(361) NO. 227 DEVISADERO. Add 2 rooms.

Owner.....F. R. Schwartz.
Architect.....None.
Contractor.....M. Eads, 48 Cortland Ave., San Francisco.

Day's work..... COST, \$450

(362) SW SUTTER AND POWELL. Remove wall, new front and erect partition.

Owner.....York Realty Co., Premises.
Architect.....F. H. Meyer, 437 Bankers' Investment Bldg., S. F.

Day's work..... COST, \$700

(363) W TENTH AVE 45 N Fulton. Two-story and basement frame dwlg.
Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.

Architect.....None.

Day's work..... COST, \$2500

(364) S HAIGHT 110 W Pierce W 27-6x8 87-6. Alterations and additions to one-story frame building.

Owner.....O. Garibaldi.
Architect.....C. O. Clausen, Phelan Bldg., San Francisco.

Contractor.....Ellington & Holt, 3877 30th, San Francisco.

Filed Feb. 7, '14. Dated Feb. 7, '14.
Frame up and roof on.....\$537.50
Brown coated..... 537.50
Completed and accepted..... 537.50
Usual 35 days..... 537.50
TOTAL COST, \$2150.00

Bond, \$1075. Surety, Chicago Bonding & Surety Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(365) E MASON 100 S Green S 37-6x E 96. All work except plumbing, painting and electricity work for two-story and basement frame apartments.

Owner.....Mary Marsicano, 781 Green, San Francisco.

Architect.....Albert H. Winter.

Contractor.....Farnocchia Petri & Co., 397 Chestnut, S. F.

Filed Feb. 7, '14. Dated Feb. 6, '14.
Roof on.....\$1535
Brown coated..... 1535
Completed and accepted..... 1535
Usual 35 days..... 1605
TOTAL COST, \$6210

Bond, \$3105. Sureties, G. Mosca and G. Bianchini. Limit, 60 days. Forfeit, \$5. Bonus, \$5. Plans and specifications filed.

(366) ELECTRIC WORK ON ABOVE. Contractor.....M. Flatland (as Globe Electric Works), 1359 Mission, San Francisco.

Filed Feb. 7, '14. Dated Feb. 6, '14.
Roughing in done.....\$100
Completed and accepted..... 95
Usual 35 days..... 65
TOTAL COST, \$260

Bond, none. Limit, 60 days. Forfeit, \$5. Plans and specifications filed.

(367) PLUMBING FIXTURES and plumbing on above.

Contractor.....Ravani Plumbing Co., 50 Auburn, San Francisco.

Filed Feb. 7, '14. Dated Feb. 6, '14.
Roughing in done.....\$305
Completed and accepted..... 300

Usual 35 days..... 265
TOTAL COST, \$810
 Bond, none. Limit, 60 days. Forfeit,
 \$5. Plans and specifications filed.
 (368) PAINTING, STAINING, VARNISH, etc., on above.
 Contractor, Gallian & Bigotta, 1053
 Broadway, San Francisco.
 Filed Feb. 7, '14. Dated Feb. 6, '14.
 Completed and accepted.....\$412.50
 Usual 35 days..... 137.50
TOTAL COST, \$550.00
 Bond, none. Limit, 60 days. Forfeit,
 \$5. Plans and specifications filed.

(369) COING 30 N FROM NW Mission
 and Sycamore Ave W 80xN 46-8.
 Plumbing and gas fitting for three-
 story and basement reinforced con-
 crete Class "C" hotel building.
 Owner.....Jean Allec, 2148 Folsom,
 San Francisco.
 Architect...Righetti & Headman, Phe-
 lian Bldg., S. F.
 Contractor...Geo. Rehn, 3846 24th, S. F.
 Filed Feb. 7, '14. Dated Feb. 6, '14.
 Roughed in and inspected.....\$663.75
 Completed and accepted..... 663.75
 Usual 35 days..... 447.50
TOTAL COST, \$1775.00
 Bond, \$888. Sureties, Julius B. Schultz
 and R. H. O. Bohr. Limit, without de-
 lay to other work. Forfeit, none. Plans
 and specifications filed.

(370) W TWENTY-FOURTH AVE 125
 S Geary S 25xW 120 All work for
 two-story frame flats.
 Owner.....Chas. M. Hawthorne, 283
 4th Ave., San Francisco
 Architect...Plans by Contractor.
 Contractor...T. Roy Murray, 116 10th
 Ave., San Francisco.
 Filed Feb. 7, '14. Dated Jan. 16, '14.
 Frame up.....\$1500
 Ready for mortar..... 1000
 Completed..... 900
 Usual 35 days..... 1150
TOTAL COST, \$4600
 Bond, none Limit, 90 days. Forfeit,
 none. Plans and specifications filed.

INCORPORATIONS.

Western Fruit and Produce Co. Capital Stock, \$25,000; subscribed, \$15; shares, \$1 each. Directors—C. S. Jorges, F. M. Bailey, K. D. Smith, 5 shares each. Place of business, San Francisco.
 Grimm Estate Co. Capital Stock, \$25,000; subscribed, \$300; shares, \$100 each. Directors—F. J. Grimm, A. Ebner and F. W. Grimm, 1 share each. Attorney, Percy E. Towne, Chronicle Bldg. Place of business, San Francisco.
 Sunset Motion Picture Co. Capital Stock, \$250,000; subscribed, \$150; shares \$1 each. Directors—G. Moore, J. C. Wheeler Jr., R. C. Thayer, 50 shares each. Place of business, S. F.
 Burlingame Terrace Syndicate. Capital Stock, \$75,000; subscribed, \$300; shares, \$100 each. Directors—S. W. Swabey, E. L. Hoag, H. R. Grantley, 1 share each. Place of business, San Francisco.
 Consolidated Mausoleum Syndicate. Capital Stock, \$500,000; subscribed, \$700 shares, \$100 each. Directors—G. L. Allen, L. E. Smead, V. C. Vannekoel, C. A. Renwick, W. B. Howell, E. H. Bart-hold, C. P. Knights, 1 share each. Place of business, San Francisco.
 Bay and River Transportation Co. Capital Stock, \$20,000 subscribed, \$100; shares, \$100 each. Directors—G. Olsen,

J. Stangland, J. R. Henriques, J. Halvorsen, 1 share each. Place of business, San Francisco.
 Culavyn American Cigar Co. Capital Stock, \$10,000; subscribed, \$30; shares, \$10 each. Directors—M. Breslaueh, L. L. Solomons, C. Jemls, 1 share each. Place of business, San Francisco.
 U. S. Sales Co. Capital Stock, \$100,000; subscribed, \$300; shares, \$100 each. Directors—A. T. Gibson, J. A. Whitehead, C. Tuttle, 1 share each. Place of business, San Francisco.

COMPLETION NOTICES

San Francisco.

Jan. 30, 1914—N GREEN 193-3 1/2 W Jones. The Geo A Bos Co to Her-ring's Mill, Inc.....Jan. 29, 1914
 Jan. 20, 1914—N PARNASSUS AVE 86-0 1/2 W 4th Ave W 24-0 1/2 N 107-6 E 25 S 106-1 1/2. Mary E Leonard to Los Deveneznl.....Jan. 23, 1914
 Jan. 31, 1914—LOT 10 BLK 66 Reis Tct. Ella Radomonoich to whom it may concern.....Jan. 1, 1914
 Jan. 31, 1914—LOT 114 LK 24 Mis-sion and 30th Street Homestead Union, described in contract as be-ing Lot 114 Blk 24 Mission Street Homestead Union. William Beber to Joseph Marchus and H Barnett.....Jan. 30, 1914
 Feb. 3, 1914—E LYON 85-0 1/2 S Lombard E 101-4 1/2 N 24-11 1/2 W 100-5 1/2 Louis Blumberg to Marcus & Barnett.....Feb. 3, 1914
 Feb. 3, 1914—NW ATHENS 275 SW Russia Ave SW 25xNW 100 Ptn Excl Hd Bk 62. James Gleeson to whom it may concern.....Jan. 3, 1914
 Feb. 4, 1914—W NOE 76-6 S Alvarado S 25xW 82-6. Mrs M I Asmusen to E Johnson.....Jan. 31, 1914
 Feb. 4, 1914—W LYON 87-6 S Sutter S 25xN 119-3. Bridget McElrane to Geo V McCausland.....Feb. 3, 1914
 Feb. 4, 1914—SE SEVENTEENTH & San Bruno Ave 75 on 17th by 100 on San Bruno Ave. J O'Shea to Frank Neidick.....Jan. 30, 1914
 Feb. 4, 1914—S COLLEGE TERRACE 200 W Mission S 52-9xW 75. J H Kruse to C Wengard.....Feb. 2, 1914
 Feb. 5, 1914—W TEXAS 50 N 19th N 25x W 100. J A Simpson to L C Woolldridge.....Feb. 3, 1914
 Feb. 5, 1914—E TWENTIETH AVE 100 S California S 25x E 120. John M Peters to whom it may concern.....Jan. 13, 1914
 Feb. 5, 1914—S CLEMENT 57-6 W 24th Ave W 24xS 100. Mrs R Paugh to Thos Hamill.....Feb. 4, 1914
 Feb. 5, 1914—W SANCHEZ 101 S 22d S 25xW 105. Henry J and Auguste Pape to A E Olsen.....Feb. 3, 1914
 Feb. 5, 1914—1/2 NE THOMAS AV(20th Ave South) 275 SE Lane (L South) SE 25xNE 100. William W Balzer to J M Burns.....Jan. 20, 1914
 Feb. 5, 1914—W TEXAS 75 N 19th N 25xW 100. J A Simpson to L C Woolldridge.....Feb. 3, 1914
 Feb. 6, 1914—NW CHENEY 338 SW Roanoke SW 25xNW 100 Lot 157 Blk 3, Fairmont Land Ass'n. Guernero Realty Co to Emil Nelson.....Feb. 5, 1914
 Feb. 6, 1914—E TWENTIETH AVE 25 S Anza S 5x82-6. E J Spence to whom it may concern.....Feb. 6, 1914
 Feb. 6, 1914—E NINETENTH AVE 175 N Anza 25x120. B J Hooper to whom it may concern.....Completed —

Feb. 6, 1914—EXPOSITION SITE. Panama-Pacific International Ex-position Co to Pringle-Dunn & Co.....Feb. 3, 1914
 Feb. 6, 1914—W NINETEENTH AVE 75 S Anza S 25xW 82-6. Nevada W Meyer to whom it may concern.....Feb. 4, 1914
 Feb. 6, 1914—N PILBERT 133-9 W Broderick W 25xN 137-6. Mollie B and Elliot or Elliot G Jackson to Western Bldrs.....Feb. 6, 1914
 Feb. 6, 1914—SW TENTH 162-6 NW Harrison NW 25xSW 109. Lorentz and Frieda Schaffer to J Witzels-berger.....Feb. 5, 1914

LIENS FILED

San Francisco.

Feb. 2, 1914—E MISSION 105 N 23rd N 23x E 112-6; No 2657 Mission. Mission Lumber Co. \$75.20; Adolph Tander, \$18; Thomas Aufenson, \$22.50; George Drew, \$22.50; John Harris, \$20 to Jessie K Clark and A W Burnett.....
 Feb. 3, 1914—W FOURTEENTH AV 100 N Geary N 50xW 137-6. Geo W Feb. 4, 1914—SW PALOU AVE 50 NW Lane W 25x100. The Gas & Elec Appliance Co vs Thos R and Mary Smith, James Tarbett and Fred Knott as Trustee.....\$20
 Tarry vs R F Beamer, L Heipner and C M Cook.....\$196.45
 Feb. 3, 1914—N ANZA 81-8 E 24th Ave W H Meyers vs Tarbett & Knott and John F Haner.....\$115
 Feb. 3, 1914—SW PALOU AVE (16th Ave) 50 NW Lane NW 25xSW 100. Western Woodworking Co vs Thos R and Mary Smith, Jas Tarbett and Fred Knott (as Tarbett & Knott).....\$22
 Feb. 4, 1914—N O'FARRELL 137-6 — E 87-6xN 137-6. The Watson Mantel Tile Co vs Gilbert Maxwell Anderson and Yee Mey.....\$468.43
 Feb. 4, 1914—SE PINE & POWELL E 68-6x60. C E Gordon vs John H Bohlig.....\$500
 Feb. 5, 1914—SW DEVISADERO & Oak W 95xS 50. W H Bage vs Ritchey Riddell.....\$509.96
 Feb. 5, 1914—N ANZA 81-9 E 24th Ave E 25xN 100. Wilson Bros & Co vs John F Haner and Tarbett & Knott.....\$25
 Feb. 6, 1914—S LINCOLN WAY 57-6 W 24th Ave W 25xS 100. Santa Fe Lumber Co vs L H Hansen.....\$48.15
 Feb. 6, 1914—N BUSH 236-11 W Mis-sion W 32-8xN 137-6. Geo A Burch and Victor Hoffmann (as Burch & Hoffmann Co) vs Julia A Cronan.....\$2589.70

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 2 story and base, frame, \$1,500. Oakland, Cal. Archi-tect, none. Owners, Banning and Stew-art, 5215 Broadway, Oakland. The dwelling has been designed for an eight-room house with bath and sleep-ing porch, and will be erected on the west side of Belgrave north of Flor-ence. Interior finish will be of pine and redwood with some white enamel. Oak floors will be used in the living and dining rooms. There will be fur-nace heat and open fire places. Man-

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CONTRACTORS EQUIPMENT.

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38-40 NATOMA ST., S. F.

tels will be of tile or brick. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architect, none. Owners, F. R. Peake Co., 2127 University avenue, Berkeley. The dwelling will contain seven rooms, sleeping porch and a bath. All interior finish will be of pine or redwood. Oak floors will be used in the living and dining rooms. There will be open fire places and tile mantels. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$2,500. Oakland, Cal. Architect, none. Owner, Leo L. Nichols, Macdonough Bldg., Oakland. The dwelling has been designed for a seven room house and will be erected on Walker avenue near Weldon. Interior will be finished in pine and redwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Bath rooms will have composition floors and tile wainscot. An automatic water heater will be installed. Tile wainscot will also be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are com-

plete and work will be done by Day Labor.

BUNGALOW — 1 story and base, frame, \$3,000. Oakland, Cal. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner, M. C. Vaughn. The dwelling will be erected in the Fourth Avenue Terrace Tract and has been designed for a six-room house with bath and sleeping porch. Interior will be finished in pine and redwood. Oak floors will be used in the principal rooms. Bath room and kitchen will have tile wainscot. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. The work will be done by Day Labor under the direction of the architects.

RESIDENCE — 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Dr. E. L. Loring. The house will be erected in Bushnell Place and will contain eight rooms and baths. A garage will also be erected on the lot. Interior finish will be of pine and hardwood veneer with oak floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath rooms will be finished in tile and tile wainscot will also be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame, \$4,000. Oakland, Cal. Archi-

tecs, Hutchinson Bros., 470 13th street, Oakland. Owner, M. C. Vaughn. The house will be erected in the Fourth Avenue Terrace Tract and will contain seven rooms and bath. All interior finish will be of pine or redwood. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have composition floors and tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. All materials will be purchased through the office of the architects.

APARTMENT HOUSE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, James M. Plachek, 1424 Spring street, Berkeley. Owner, C. M. Burkhalter. The building will be erected at the corner of Dana and Woolsey streets, and has been arranged to contain four suites of three rooms and bath each. Pine and elm panels will be used for interior finish. All suites will be equipped with wall beds. Bath rooms will have composition floors and tile wainscot. Furnace heat is specified. Marble and tile will be used in the entrance lobby. Exterior of the building will be covered with shingles. Plans are complete and figures are now being taken.

CHURCH—2 story and base, frame. Cost not stated. Oakland, Cal. Architect, William H. Ratcliffe, Jr., First National Bank Bldg., Berkeley. Owners, St. Peter's Parish. Plans are complete for the construction of a Mission style church which is to be erected on Lawton avenue near Broadway. The building will contain a main auditorium, Sunday school rooms and a pastor's study. Interior finish will be of pine and redwood. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken. Bids will be opened on February 16th, and plans can be secured from either the architect or from W. J. Loveland, 402 First National Bank Bldg., San Francisco.

FLATS—2 story and base, frame, \$5,000. Oakland, Cal. Architect, John Carson, Bacon Bldg., Oakland. Owner, A. Friedman. The building will be erected on the north side of 1st street and has been designed to contain four modern flats of five rooms and bath. Interior finish will be of pine throughout. Oak floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Automatic water heaters are specified. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

AUDITORIUM—2 story and base. Class A construction. Cost not stated. Oakland, Cal. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Plans have been completed and approved for the preparation of the site, concrete work, granite work and setting for the municipal auditorium. Bids are now being advertised and will be opened on February 26th. Plans and specifications can be secured from the architect. The work will be carried on

under the superintendence of Architect Walter Mathews.

RESIDENCE — 2 story and base, frame, \$4,000. Oakland, Cal. Architect, none. Owner, F. T. Malley, 3001 Grove street, Oakland. The dwelling will be erected at the northwest corner of Grand avenue and Cottage street and has been designed for an eight room house with bath and sleeping porch. Exterior finish will be of pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath room will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BUNGALOW—1½ story and base, frame, \$2,500. Oakland, Cal. Architects, The Elite Planners, 1844 5th avenue, Oakland. Owner, W. C. Keeler. The house will contain six rooms and bath, and will be erected on Melrose avenue. Interior will be finished in pine and redwood with oak floors in the principal rooms. There will be an open fire place in the living room with a tile mantel. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BUNGALOW — 1 story and base frame, \$2,000. Oakland, Cal. Architects, The Elite Planners, 1844 5th avenue, Oakland. Owner, J. B. Piper. The dwelling will be erected on Cambridge street in Broadmoor Manor, and has been designed to contain five rooms and bath. All interior finish will be of pine or redwood. Oak floors will be used in two of the rooms. There will be a large open fire place in the living room. Mantel will be of tile. The wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

Building Contracts Awarded

Oakland.

No.	Owner	Contractor	Amt.
197	Baker	Lehre	400
198	Kelley	Kelley	1600
199	Sores	Shores	400
200	Dexter	Dexter	400
201	Kohn	Corbett	500
202	Mohrdeck	Bartone	2500
203	Stevens	Stevens	1500
204	Ginsberg	Suehl	1047
205	Macon	Johnson	1668
206	Holland	Spence	1400
207	National Supply	Hales	1250
208	Durst	Corbett	450
209	Berg	Mitchell	400
210	Davenport	Davenport	1500
211	Same	Stevens	4234
212	Lopez	Thomson	500
213	Hutchins	Murray	450
214	Whalen	Whalen	2500
215	Owen	Litton	400
216	Lind	Walstrom	500
217	Johnson	Johnson	400
218	Van Etten	Loughery	3750
219	1st Tr. & Svcs.	Sloane	4234
220	Thomson	Mangrum	1332
221	St. Mary	St. Mary	1150
222	Pearce	Pearce	1200
223	Overman	Griffin	600
224	Hayes	Knight	400
225	Sanford	Penn	1950

224	Martin	Martin	600
225	Zuanich	Thompson	2000
226	Shaffer	Shaffer	500
227	Ernst	Ernst	400
228	Baldwin	Anderson	600
229	Nichols	Nichols	3500
230	Brennan	Backman	6817
231	Fablinowsky	Forry	400
232	Hoffschneider	Daxley	1000
233	Perazzo	Linda	450
234	Schongig	Schongig	1200
235	Nelson	Grainger	3900
236	Zimmerman	Zimmerman	1000
237	Schwartz	Schwartz	1300
238	Forry	Forry	400
239	Oliver Cong. Ch.	Gordon	5650
240	Banning	Stewart	4200
241	Oakland Hotel	Glant	1650
242	Irish	Irish	1250
243	Musante	Benassini	400
244	Albero	Trautman	1200
245	Polziel	Whalin	500
246	Malley	Malley	400
247	Powell	Peterson	2533
248	Costa	Silva	1625
249	Brace	Brace	1900
250	Clark	Clark	2500
251	Weider	Weider	2500
252	Same	Same	2500
253	Wilson	Wilson	2000
254	People's Water	People's	400
255	Silveria	Brown	400

(197) NO. 2327 WEBSTER, Oakland. Shingle and repairs. Owner.....J. E. Baker, Premises. Architect.....None. Contractor.....F. A. Lehre, 3023 High. Oakland. COST, \$400

(198) S FIFTY-THIRD 269 W Shattuck Ave., Oakland. One-story five-room dwelling. Owner.....F. G. Kelley, 662 52nd, Okd. Architect.....None. Day's work. COST, \$1600

(199) NO. 838 FLORIDA AVE. Oakland. Alterations. Owner.....Cora H. Shores, Premises. Architect.....None. Contractor.....F. W. Shores, Union Svgs. Bank Bldg., Oakland. COST, \$400

(200) S FIFTY-FIFTH 80 E Grove, Oakland. One-story 3-room dwlg. Owner.....A. H. Dexter, 827 54th, Oakland. Architect.....None. Contractor.....W. B. Dexter, 827 51th, Oakland. COST, \$400

(201) NOS. 464-66 TWELFTH, Oakland. Alterations. Owner.....Kahn Bros. Architect.....None. Contractor.....Corbett & Bayliss, 1110 Franklin, Oakland. COST, \$500

(202) NOS. 3718-24 GROVE, Oakland. Fire repairs. Owner.....Peter Mohrdeck, 1942 10th Ave., Oakland. Architect.....None. Contractor.....Thos Barton, 6606 Whitley Oakland. COST, \$2500

(203) NW WISCONSIN & MAGEE, Oakland. One and one-half-story 6-room dwelling. Owner.....Edgar Stevens, 1019 32nd, Oakland. Architect.....None. Day's work. COST, \$1960

(208) W FRANKLIN 50 N 11th, Oakland. Shoring, underpinning and building of foundation necessary by reason of excavation of adjoining Odd Fellows' property.

Owner.....Samuel Ginsberg, 3911 Grove, Oakland and Albert Elkus. Architect.....J. Henry Boehrer, Delger Bldg., Oakland. Contractor.....Dudley J. Sueell (Walter Sueell & Son), 2525 Adeline Oakland.

Filed Feb. 2, '14. Dated Jan. 30, '14 Completed and accep.d.....\$785.25 36 days after.....261.75 TOTAL COST, \$1047.00 Bonds, \$523.50 and \$232.50. Surety, Southwestern Surety Insurance Co. Limit, 14 days. Forfeited, none. Plans and specifications filed.

(209) W SHATTUCK AVE 120 S 55th, Oakland. Alterations and repairs of two-story building to church. Owner.....Clifton Macon, Rector of Trinity Church, 487 29th St., Oakland. Architect.....None. Contractor.....Geo. H. Johnson, 5457 Vicente, Oakland.

Filed Feb. 2, '14. Dated Jan. 31, '14. 1st floor vicarage on.....\$425 Shingled.....425 Plastered and standing finish on 600 Completed and bills paid.....415 TOTAL COST, \$1663

(210) ALBANY BLDG., Oakland. Alterations. Owner.....A. P. Holland, 414 13th St., Oakland. Architect.....None. Contractor.....A. T. Spence. COST, \$1400

(211) NW HASTE AND SHATTUCK Ave., Oakland. One-story steel frame filling station. Owner.....National Supply Co., Okd. Architect.....None. Contractor.....Arthur Hales, 176 Lake, Oakland. COST, \$100

(214) NO. 484 TWELFTH, Oakland. Alterations. Owner.....Durst Bros. Architect.....None. Contractor.....Corbett & Bayliss, 1110 Franklin, Oakland. COST, \$150

(215) NO. 2829 GROVE, Oakland. Addition. Owner.....A. E. Berg, Premises. Architect.....None. Contractor.....R. Mitchell, 1092 66th, Okd. COST, \$400

(216) NE MANILA & CAVOUR, Oakland. One-story 5-room dwelling. Owner.....Hewitt Davenport, 331 Dalziel Bldg., Oakland. Architect.....None. Day's work. COST, \$1500

(217) NE MANILA 80 E Cavour, Oakland. One-story 5-room dwelling. Owner.....Hewitt Davenport, 331 Dalziel Bldg., Oakland. Architect.....None. Day's work. COST, \$1500

(218) NO. 1616 SAN PABLO AVE., Oakland. Alterations. Owner.....M. Lopez, Premises. Architect.....None. Contractor.....A. Thomson, 2766 Grove, Oakland. COST, \$500

(219) NO. 593 FIFTEENTH, Oakland, Alterations.
Owner.....Geo. N. Hutchins, 2915 Boehmer, Oakland.
Architect...None.
Contractor...C. M. Murry, 2915 Boehmer Oakland.
COST, \$450

(221) S PLEASANT VALLEY 700 E Piedmont Ave., Oakland. One-story 5-room dwelling.
Owner.....Jno. F. Whalen, 1542 Broadway, Oakland.
Architect...None.
Day's work. COST, \$2500

(222) NO. 1626 THIRTY-NINTH AVE., Oakland. One-story 4-room dwlg.
Owner.....Mrs. M. A. Owen, 1618 39th Ave., Oakland.
Architect...None.
Contractor...Roy B. Litton, 2326 26th Ave., Oakland.
COST, \$1350

(223) N E-TWENTY-EIGHTH, bet. 13th and 14th Aves., Oakland. One-story 3-room dwelling.
Owner.....Antony E. Lind, 1358 E-28th, Oakland.
Architect...None.
Contractor...Carl Walstrom, 2728 12th Ave., Oakland.
COST, \$300

(224) NO. 5645 VINCENTE, Oakland. Addition.
Owner.....W. Johnson, Premises.
Architect...None.
Contractor...Geo. H. Johnson, 5457 Vincente, Oakland.
COST, \$400

(226) SELANA AVE, Lots 22 and 23 Blk 5, Regents Park Addition in Thousand Oaks, Oakland Tp. All work except painting, material, composition roof and finish hardware for two-story stores and dwelling.
Owner.....H. B. Van Etten, 5101 Grove, Oakland
Architect...None.
Contractor...J. F. Loughery, 705 31st, Oakland.
Filed Feb. 3, '14. Dated Feb. 2, '14
Frame up\$937
Enclosed and rough plastered... 937
Completed and accepted..... 937
Usual 35 days..... 939
TOTAL COST, \$3750
Bond, \$2000. Surety, Elizabeth Loughery. Limit, 90 days. Forfeit, \$2. Plans and specifications filed.

(227) SE SIXTEENTH & SAN PABLO Ave NE 18.68 SE 50.10 SW 36.42 SW 75.19 N 67.46, Oakland. Linoleum floor covering for eleven-story and basement Class "A" bank and office building.
Owner.....First Trust & Svgs Bank by P. J. Walker, Co., Agt., Monadnock Bldg., S. F.
Architect...L. B. Dutton Co., Chronicle Bldg., San Francisco.
Contractor...W. and J. Sloane, 228 Sutter, San Francisco.
Filed Feb. 3, '14. Dated Jan. 19, '14.
Monthly payments of..... 75%
36 days after..... 25%
TOTAL COST, \$4234.80
Bond, \$2117.40. Sureties, Wm. A. Risentpart and Chas. F. Fitzsimmons. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(228) NE SEVENTEENTH & BROADWAY N 60XE 56-2, Oakland. Floor and wall tile work for ten-story and basement Class "A" store and office building.

Owner.....Lucy Fay Thomson by P. J. Walker Co., Agent, Monadnock Bldg., S. F.
Architect...Walter D. Reed, Oakland Bank of Svgs., Oakland.
Contractor...Mangrum & Otter, 561 Mission, San Francisco.

Filed Feb. 3, '14. Dated Jan. 30, '14.
1st and 15th of each month..... 75%
36 days after..... 25%
TOTAL COST, \$1332
Bond, \$666. Surety, National Surety Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(229) E NINETY-SECOND AVE 150 N Almond, Oakland. One-story 4-room dwelling.
Owner.....Joe St. Mary, 9220 Almond, Oakland.
Architect...None.
Day's work. COST, \$1150

(230) W NINETIETH AVE 125 S Dowling, Oakland. One-story 6-room dwelling.
Owner.....J. C. Pearce, 6932 Lockwood, Oakland.
Architect...None.
Day's work. COST, \$1900

(231) NO. 311 E-EIGHTH, Oakland. Alterations.
Owner.....Jno. C. Newnes, Premises.
Architect...None.
Contractor...C. M. Griffin, 746 5th Ave., Oakland.
COST, \$600

(232) NO. 541 EIGHTH, Oakland. Alterations.
Owner.....Mary Hayes, 2241 Brush, Oakland.
Architect...None.
Contractor...Harry C. Knight, 522 25th, Oakland.
COST, \$400

(233) W LUSK 100 S 40th, Oakland. One-story 5-room dwelling.
Owner.....Mary G. Sanford, 630 30th, Oakland.
Architect...None.
Contractor...Theo. Fenn, 719 61st, Okd.
COST, \$1950

(234) E BRUCE 175 N Douglas, Oakland. One-story 4-room dwelling.
Owner.....Antone Martin, Box No. 2, Elmhurst.
Architect...None.
Day's work. COST, \$600

(235) NO. 835 FIFTY-NINTH, Oakland. Alterations.
Owner.....L. Zuanich, 840 59th, Okd.
Architect...None.
Contractor...E. A. Thompson, 666 60th, Oakland.
COST, \$2000

(236) NO. 1435 EIGHTY-SECOND AVE Oakland. Alterations.
Owner.....Sadie F. Shaffer, 1432 82d Ave., Oakland.
Architect...None.
Contractor...S. M. Shaffer, 1432 82d Ave., Oakland.
COST, \$500

(237) N FORTY-FIFTH 300 E Market Oakland. Addition.
Owner.....P. O. Ernst, 572 45th, Okd.
Architect...None.

Contractor...E. F. Seward, 1059 47th, Oakland.
COST, \$400

(238) NO. 923 WASHINGTON, Oakland. Repairs.
Owner.....Mrs. I. A. Baldwin.
Architect...None.
Contractor...Jno. Anderson.
COST, \$600

(239) E WALKER AVE 375 S Weldon Ave., Oakland. Two-story 7-room dwelling.
Owner.....Leo L. Nichols, MacDonough Bldg., Oakland.
Architect...None.
Day's work. COST, \$3500

(240) NE REDWOOD ROAD AND Pleasanton Road NE 3.93 ch NW 4.11 ch SW 3.37 ch SE 6.15 ch, Eden Tp. All work for one-story frame inn building, auto sheds, rooms, store room, moving of cottage, etc.
Owner.....J. Brennan, Oakland.
Architect...Sidney B. Newsom, Nevada Bank Bldg., San Francisco.
Contractor...R. F. Buckman, Hayward.
Filed Feb. 4, '14. Dated Feb. 3, '14.
Frame up and composition roof on\$1700
Plastering completed 1700
Completed and accepted..... 1700
Usual 35 days..... 1700
TOTAL COST, \$6817.30
Bond, \$3500. Sureties, L. Linekin and Thos. B. Russell. Limit, 60 days. Forfeit, \$10. Plans and specifications filed.

(241) N BROMLEY AVE 255 E Seminary Ave., Oakland. One-story four-room dwelling.
Owner.....Alfred Fallinwosky, 1930 62nd Ave., Oakland.
Architect...None.
Day's work. COST, \$600

(242) NW THIRTEENTH AVE AND E-12th, Oakland. Alterations.
Owner.....W. Hoffschneider, 1544 Broadway, Oakland.
Architect...None.
Contractor...W. W. Baxley, 3927 Woodruff Ave., Oakland.
COST, \$1000

(243) NO. 2721 MYRTLE, Oakland. Alterations.
Owner.....Mrs. Louisa Perazzo, 973 26th, Oakland.
Architect...None.
Contractor...P. Linda, 973 26th, Oakland.
COST, \$450

(244) S THOMPSON 125 W 47th Ave., Oakland. One-story 4-room dwelling.
Owner.....A. Schonig, 5880 Noble, Oakland.
Architect...None.
Day's work. COST, \$1200

(245) SW DESMOND & GLENDALE Ave., Oakland. Two-story 7-room dwelling.
Owner.....N. L. Nelson, 586 24th, Okd.
Architect...None.
Contractor...J. L. Grainger, 525 66th, Oakland.
COST, \$3000

(246) NO. 2164 FORTY-SEVENTH Ave., Oakland. Alterations and additions.
Owner.....H. L. Zimmerman, 2160 47th Ave., Oakland.

Architect...None.
Day's work. COST, \$1000

(247) E LINCOLN AVE 300 N Hopkins
Oakland. One-story 5-room dwlg.
Owner.....Mr. Schwartz, 3598 Lincoln
Ave., Oakland.

Architect...None.
Day's work. COST, \$1300

(248) NO. 5414 GENOA, Oakland.
Alterations.
Owner.....C. E. Forry, Premises.
Architect...None.
Day's work. COST, \$400

(249) S SHAFER AVE 100 E Col-
lege Ave., Oakland. One-story 3-room
parish house.

Owner.....Olivet Cong. Church, Rev.
Benj. Gould, 5517 College
Ave., Oakland.

Architect...Wm. A. Newman, Hewes
Bldg., San Francisco.
Contractor...G. A. Gordon, 425 Hudson,
Oakland.

COST, \$5650

(250) W BELGRAVE AVE 40 N Flor-
ence Oakland. Two-story eight-room
dwelling.

Owner.....Banning & Stewart, 5215
Broadway, Oakland.

Architect...None.
Day's work. COST, \$4300

(251) BOUNDED BY 13TH, 14TH,
Harrison & Alice, Oakland. Vacuum
cleaner equipment for eight-story
Class "A" hotel.

Owner.....Oakland Hotel Co., by P.
J. Walker Co., Agent, Mo-
nadnock Bldg., S. F.

Architect...None.
Contractor...Giant Suction Cleaner Co.,
3rd and Jefferson, Oakland

Filed Feb. 5, '14. Dated Jan. 28, '14.
5 days after accepted.....\$1650

Bond, \$1900. Sureties, S. Lichtenstein
and D. Berovich. Limit, 30 days. For-
feit, none. Plans and specifications
filed.

(252) S FOOTHILL BLVD 40 E 46th
Ave., Oakland. One-story store.

Owner.....Chas. M. Irish, 1514 Chest-
nut, Oakland.

Architect...None.
Day's work. COST, \$1250

(253) NO. 857 FORTY-THIRD, Oak-
land. Alterations.

Owner.....J. Musante, Premises.

Architect...None.
Contractor...Pio Benassini, 5250 Boyd
Ave., Oakland.

COST, \$100

(254) W EIGHTY-SIXTH AVE 300 S
"E," Oakland. One-story 4-room dwlg

Owner.....John Alberio, 1375 Kirkham,
Oakland.

Architect...None.
Contractor...Emil Trautman, 1939 Cros-
by Ave., Oakland.

COST, \$1200

(255) N E-NINETEENTH 100 W 5th
Ave., Oakland. Garage.

Owner.....Robt. Dalziel Jr., Premises.

Architect...None.
Contractor...W. E. Whalin, 269 Bacon
Bldg., Oakland.

COST, \$500

(262) NE GRAND AVE & COTTAGE,
Oakland. Two-story 8-room dwlg.
Owner.....F. T. Malley, 3001 Grove,
Oakland.

Architect...None.
Day's work. COST, \$1000

(263) NE THIRTEENTH & WEBSTER
E 100xN 50, Oakland. Painting for
seven-story steel frame hotel.

Owner.....H. A. Powell, 2703 Dwight
Way, Oakland.

Architect...P. D. Voorhees, Central
Bank Bldg., Oakland

Contractor...J. C. Peterson, 2352 E-21st,
Oakland.

Filed Feb. 6, '14. Dated Feb. 4, '14.

1st day of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$2533
Bond, \$1400 Surety, Southwestern
Surety Ins. Co. Limit, 10 days. For-
feit, \$25. Plans and specifications filed.

(264) PARK, bet 8th and 9th, Oakland
All work for one-story 6-room dwlg.

Owner.....Mrs. Maria Costa, 525 Lan-
caster, Oakland.

Architect...None.
Contractor...Silva & Luzane, 2869 Ford
and 2516 Poplar, Oakland.

Filed Feb. 6, '14. Dated Dec. 26, '14.

Frame up 1/4
1st coat plaster on..... 1/4

Completed and accepted..... 1/4
Usual 35 days..... 1/4

TOTAL COST, \$1620
Bond, \$405. Sureties, Maria Perry and
Luigi Luvisone. Limit, 90 days after
Jan. 26. Forfeit, \$2. Plans and specifi-
cations filed.

(265) S WENTWORTH AVE 300 E
52nd Ave., Oakland. One-story five-
room dwelling.

Owner.....J. C. Bruce, 3227 Went-
worth Ave., Oakland.

Architect...None.
Day's work. COST, \$1900

(266) N MATHER 135 W Gilbert,
Oakland. Two-story 6-room dwlg.

Owner.....Wallace Clark, 1131 Oak-
land Ave., Oakland.

Architect...None.
Day's work. COST, \$2500

(267) S PLEASANT VALLEY 240 E
Piedmont Ave., Oakland. One-story
five-room dwelling.

Owner.....H. H. Welder, 4433 North
Court, Oakland.

Architect...None.
Day's work. COST, \$2500

(268) S PLEASANT VALLEY 700 E
Piedmont Ave., Oakland. One-story
six-room dwelling.

Owner.....H. H. Welder, 4433 North
Court, Oakland.

Architect...None.
Day's work. COST, \$2500

(269) E THIRTY-NINTH AVE 200 S
Santa Rita, Oakland. One-story five-
room dwelling.

Owner.....E. J. Wilson, Courtland
Ave., Oakland.

Architect...None.
Day's work. COST, \$2000

(270) FORTIETH, bet Broadway and
Certo, Oakland. Reservoir cover re-
pairs.

Owner.....People's Water Co., 9th &
Broadway, Oakland.

Architect...None.
Day's work. COST, \$400

(271) NO. 537 MYRTLE, Oakland.
Alterations.
Owner.....Anna Silveria, Premises.

Architect...None.
Contractor...Brown & Damerla, 1643
19th Ave., Oakland.

COST, \$400

Building Contracts Awarded

Berkeley.

No.	Owner	Contractor	Amt.
204	Schmitz	Schmitz	1000
205	Peake	Peake	2750
206	Knoll	Lewis	3600
207	Laird	Laird	800
212	Ala Co Bldrs.	Wiley	3000
213	Same	Same	3000
256	Brown	Brown	500
257	Gilbert	Armstrong	2500
258	United Bldrs	Owner	1600
259	Same	Same	1500
260	Doan	Buskirk	400
261	Putnam	Buskirk	400

(204) W MABEL 175 S Ward, Berkeley
One-story 5-room dwelling.

Owner.....H. J. Schmitz, 2440 4th,
Berkeley.

Architect...None.
Day's work. COST, \$1000

(205) S WARD 340 E Ellsworth, Ber-
keley. One and one-half-story seven
room dwelling.

Owner.....F. R. Peaks Co., 2127 Un-
iversity Ave., Berkeley.

Architect...None.
Day's work. COST, \$2750

(206) W SPRUCE 200 N Los Angeles,
Berkeley. Two-story 6-room dwlg.

Owner.....Mrs. H. W. Knoll, 2312
Euclid, Berkeley.

Architect...None.
Contractor...L. S. Lewis, 2421 Woolsey,
Berkeley.

COST, \$3600

(207) W GROVE 120 S Stuart, Ber-
keley. One-story 4-room dwelling.

Owner.....T. Laird, 2812 Grove, Bkly.

Architect...None.
Day's work. COST, \$800

(212) W BENVENUE 90 N Webster,
Berkeley. Two-story 5-room dwlg.

Owner.....Alameda County Home
Bldrs., Inc., 1st National
Bank Bldg., Berkeley.

Architect...W. H. Ratcliff, 1st National
Bank Bldg., Berkeley.

Contractor...J. M. Wiley, 1718 Hearst
Ave., Berkeley.

COST, \$3000

(213) NE BENVENUE & WEBSTER,
Berkeley. Two-story 5-room dwlg.

Owner.....Alameda County Home
Bldrs., Inc., 1st N'l Bank
Bldg., Berkeley.

Architect...W. H. Ratcliff Jr., 1st N'l
Bank Bldg., Berkeley.

Contractor...J. M. Wiley, 1718 Hearst
Ave., Berkeley.

COST, \$3000

(256) E STANAGE 50 S Page, Berke-
ley. Addition.

Owner.....J. D. Brown, 1439 Stanage
Ave., Berkeley.

Architect...None.
Day's work. COST, \$500

(257) N CHANNING 300 E Telegraph Ave., Berkeley. Alterations and additions.
Owner.....C. P. Gilbert, Los Gatos
Architect.....None.
Contractor.....F. E. Armstrong, 2249 Hearst Ave., Berkeley.
COST, \$2500

(258) W LEE 38.50 S Ashby Ave., Berkeley. One-story 5-room dwelling.
Owner.....United Home Bldrs. 1762 Broadway, Oakland.
Architect.....None.
Day's work.....COST, \$1600

(259) W STANTON 80 S Ashby Ave., Berkeley. One-story 5-room dwlg.
Owner.....United Home Bldrs. 1762 Broadway, Oakland.
Architect.....None.
Day's work.....COST, \$1500

(260) E HILLCREST ROAD 275 N Eucalyptus, Berkeley. Garage.
Owner.....S. G. Doan, 104 Hillcrest Road, Berkeley.
Architect.....None.
Contractor.....J. W. Buskirk, 2432 Hildgard Ave., Berkeley.
COST, \$400

(261) N PLAZA DRIVE 60 E Domingo Berkeley. Garage.
Owner.....B. R. Putnam, Plaza Drive Berkeley.
Architect.....None.
Contractor.....J. W. Buskirk, 2432 Hildgard Ave., Berkeley.
COST, \$400

Building Contracts Awarded

Alameda.

No.	Owner	Contractor	Am't.
229	Noble	Cumings	1300
225	Erickson	Erickson	2000

(220) NO. 2216 CLEMENT AVE., Alameda. One-story 5-room dwelling.
Owner.....G. H. Noble, 2320 Central Ave., Alameda.
Architect.....None.
Contractor.....Cumings & Henderson, Finch Bk., Alameda.
COST, \$1500

(225) NO. 1419 LINCOLN AVE., Alameda. One and one-half-story six-room dwelling.
Owner.....Johnson & Erickson, 1610 Benton, Alameda.
Architect.....None.
Day's work.....COST, \$2000

NOTICE OF NON-RESPONSIBILITY.
Feb. 7, 1914—S VINEYARD AVE at stake cor plots 13 and 14 Map Pleasanton Homestead SW 50 ch NW 232 ch NW 430 ch NW 135 ch SW 287 ch NW 77 ch NE 10.83 ch SE 417 ch, Pleasanton. Claude Smallwood, Jas R Cruikshank and Chas A Gale as to improvements on leased property

OAKLAND SUMMARY OF BUILDING PERMITS.

Applied for at the Bureau of Permits and Licenses, Oakland, Cal., for the Month Ending January 31, 1914.

Classification of Bldgs.	No. of Permits	Cost
1-story dwellings	27	\$ 62,370.00
1½-story dwellings	8	20,375.00

2-story dwellings	11	46,271.00
2-story flats	1	3,589.00
2-st flats with stores..	1	3,400.00
2-story apartments	2	10,100.00
3-story apartments	1	12,000.00
1-story stores	2	2,408.50
3-story Class "C" brick hotel and store bldg.	1	34,500.00
2-story hall and lodge room building	1	7,803.00
1-story office	1	535.00
2-story corrugated iron warehouse	1	4,800.00
Bake shop	1	350.00
Fire room	1	75.00
Oil filling station	3	575.00
Portable steel garage..	1	260.00
Corrugated iron garage	1	250.00
Concrete garage	1	150.00
Ice storage	1	150.00
Green houses	1	50.00
Work shops, tank frames and barns..	7	1,435.00
Garages, sheds and stables	14	1,875.00
Alterations, additions and repairs	128	44,464.90
Totals	226	\$257,786.40
New construction	98	\$213,321.50
Alterations, additions and repairs	128	44,464.90
Totals	226	\$257,786.40

COMPLETION NOTICES.

ALAMEDA COUNTY

Jan. 29, 1914—N FOREST 140 W Peralta Ave, being Lot 60 Map Forest Park Tract, Okd. Gertrude M Enyart to Standard Bldg Co....
.....Jan. 28, 1914

Jan. 29, 1914—LOT 5 BLK 22 Lakeside Tract, Adams Point Ppty, Okd. Mrs E Conklin to A Peterson and J H Anderson.....Jan. 21, 1914

Jan. 31, 1914—BOUNDED BY 12TH, 14th, Harrison and Alice, Oakland. Oakland Hotel Co by P J Walker Co to Donald Mowat, Jan. 29; Otis Elevator Co.....Jan. 27, 1914

Jan. 31, 1914—SE SIXTEENTH AND San Pablo Ave NE 18.68 SE 80.10 SW 36.42 SW 75.19 N 67.46, Okd. First Trust & Savings Bank by P J Walker Co to Clinton Fireproofing Co.....Jan. 30, 1914

Feb. 2, 1914—N E-FOURTEENTH & E 9th Ave N 90x E 45, Okd. Hogan Lumber Co to Margaret McNeill.....\$709.02

Feb. 2, 1914—E REGENT, bet Russell and Ashby Ave, being No. 2915 Regent, Bkly. Beattie M Howson to Kidder & McCullough, Jan. 20, 1914

Feb. 2, 1914—NE SIXTH AVE AND E-16th, Okd. Mrs J J Gaffney to Chas E Burks.....Jan. 25, 1914

Feb. 3, 1914—E TOWNSEND AVE 90 S Everett 40x100, Okd. Grace C Woodburn to Paul E Woodburn.....Feb. 2, 1914

Feb. 3, 1914—LOT 25 BLK 15 Northbrae, Bkly. H Ringholm to H H Schuessler.....Feb. 2, 1914

Feb. 3, 1914—LOT 10 BLK "B" Piedmont Knoll, Okd Tp. Caroline W Robins to Alfred Peterson, Jan. 28, '14

Feb. 3, 1914—NW COR 5 ACRE TCT bought by Joseph Basset from J G and W A Bray, SW 513-9 NW 292-7 NE 459-5 SE 287-8, Okd. Little Sisters of the Poor of Oakland to Pacific Rolling Mill Co. Feb. 2, 1914

Feb. 3, 1914—LOT 20 BLK 8 Melrose Heights, Brooklyn Tp. Daisy L Rountree to whom it may concern.....Jan. 31, 1914

Feb. 3, 1914—LOTS 14 AND 15 Upper Claremont Baum's Sbdyn, Bkly. Emily J Culver Bell to A Peterson.....Jan. 31, 1914

Feb. 4, 1914—S FOOTHILL ROAD Blvd 400 E Cole, being Lot 17 Blk 2 Melrose Heights Tract, Oakland. Theodore Fenn to whom it may concern.....Jan. 10, 1914

Feb. 4, 1914—LOT 5 BLK 18 Boulevard Park Tract, Okd. Horace F & Dorothy Wing to Theodore Fenn.....Feb. 3, 1914

Feb. 4, 1914—LOT 34 BLK 13 Map Northbrae, Bkly. Patrick Nelson Bldg Co to whom it may concern.....Jan. 3, 1914

Feb. 5, 1914—E PIEDMONT AVE 150 N Webster, Bkly. Grace Mc C Huxley to Koski Bros.....Jan. 4, 1914

Feb. 5, 1914—N FIRST 50x194, Livermore Tp. L and Catherine Schenone to Silvio Florio.....Jan. 28, 1914

LIENS FILED.

ALAMEDA COUNTY.

Jan. 31, 1914—W SHATTUCK AVE 55 5-12 N Addison N 55 5-12xW 150, Bkly. Bruce Lumber & Mill Co vs Jonathan G Wright and J D Hendrix.....\$96

Feb. 2, 1914—E-FOURTH 289.864 N Haight Ave E 110xS 44.864, Ala. Eureka Mill & Lumber Co vs W F and L Powell and Florence Brubaker.....\$215.67

Feb. 3, 1914—SW HOLLY 118 NW 94th Ave NW 25xSW 80, Okd. M A Hoard vs L A P and Nellie Larsen.....\$152.25

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

HOTEL AND STORES—4 story and base, brick and steel. Cost not stated. Petaluma, Sonoma Co., Cal. Architect, Brainerd Jones, Petaluma. Owners, Petaluma Development Co. The building will be erected on a corner site and will be arranged for stores on the first floor, besides the hotel office, dining room and lobby. Upper floors will contain in the neighborhood of 70 guest rooms, a number of public and private baths. Interior finish will be of pine and redwood. Some ornamental plaster will be used in the lobby. There will be steam heat, a hot water system and vacuum cleaning. Exterior of the building will be faced with pressed brick. Bath rooms will have tile wainscot and composition floors. Patent store fronts are specified. Plans are complete and figures will be called for at once.

NURSERY BUILDING—1 story and base, frame and concrete. Cost not stated. Eldridge, Sonoma Co., Cal. Architect, State Department of Engineering, Sacramento. Owners, State of California. Plans have been revised for the building known as the Nursery Building for Malea, and new bids are now being called. These figures will be opened on February 26th. Plans and specifications can be secured from the State Department of Engineering, Capitol Bldg., Sacramento. An official proposal appears in another column of this issue.

DAIRY BARN—Frame construction. Cost not stated. Yountville, Napa Co., Cal. Architect, State Department of Engineering, Sacramento. Owners, State of California. A new dairy barn of frame and concrete construction will be erected at the Veterans' Home at Yountville. Plans have been completed and have received the approval of the State Board of Control and bids are now being taken. Figures will be opened in Sacramento on February 27th. Plans and specifications can be secured from the State Department of Engineering, Capitol Bldg., Sacramento. An official proposal appears in another column of this issue.

RESIDENCES—6, 1 and 2 story, frame, \$1,800 to \$3,500. Richmond, Contra Costa Co., Cal. Architect, none. Owners, California Home Builders, Richmond. These houses have been designed to contain from five to seven rooms, and will be erected in a new tract recently opened in the city of Richmond. Interiors will be finished in pine and redwood. Oak floors will be used in the principal rooms. Furnace heat will be specified in the larger houses. All of the dwellings will have open fire places and tile or brick mantels. Bath rooms and kitchens will have tile wainscot. Automatic water heaters are specified. Exteriors will be covered with rustic, shiplap, shingles and cement plaster on metal lath. Plans are in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

Contracts Awarded.

ELECTROLIERS—Cost not stated. San Rafael, Marin Co., Cal. Engineer's name not given. Owners, City of San Rafael. Contractor, Pacific Fire Extinguisher Co., S. F. Contract price for 97 electroliers, \$14,165.

Building Contracts.

MARIN COUNTY

FAIRFAX MANOR, Fairfax, Marin Co. Carpenter work and all shingling for two-story frame dwelling. Owner, H. M. Cooley, 844 Florida, San Francisco.

Architect, None.
Contractor, J. L. Jessup, 1029 Steiner, San Francisco.

Filed Jan. 30, '14. Dated ———.
Frame up\$100
Plastered 100
Carpenter work finished..... 300
TOTAL COST, \$500
Bond, none. Limit, 150 working days.
Forfeit, none. Plans and specifications none.

LIENS RELEASED.

MARIN COUNTY

RECORDED AMOUNT
Feb. 5, 1914—OSGOOD TRACT, San Anselmo. Davis & Park Co., Inc to Jennie Helbing.....\$1.00
and other valuable considerations

Building Contracts.

CONTRA COSTA COUNTY.

LOTS 8 AND 9 BLK 31, City of Richmond. All necessary work for two-story frame building.

Owner, W. J. Bernier, Richmond.
Architect, Paul Glaser, Richmond.
Contractor, Paul Glaser, Richmond.
Filed Feb. 5, '14. Dated Feb. 3, '14.
Ready for roof.....\$800
Brown coat plaster on..... 800
When completed 800
Usual 35 days..... 800
TOTAL COST, \$3200

Bond, none. Limit, 75 working days.
Forfeit, none. Plans and specifications forfeit.

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
Feb. 4, 1914—LOT 13 BLK "A" Town of Black Diamond. Frances and Arasmo Cardinelli to W E GreenJan. 31, 1914
Feb. 4, 1914—LOT 12 BLK 5 Richmond Villa Tract. Hoyt & Greene, Inc to C D Knolly.....Jan. 25, 1914
Feb. 4, 1914—LOTS 8 AND 9 Walnut Creek. A H Cope to Bradley & O'Reilly.....Jan. 23, 1914
Feb. 4, 1914—LOTS 3 AND 9, Town of Walnut Creek. A H Cope to whom it may concern.....Jan. 23, 1914
Feb. 4, 1914—LOTS 14 AND 15 BLK 39, City of Richmond. Richmond Elks Hall Ass'n to Pluth & Morton.....Jan. 26, 1914

LIENS FILED.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
Feb. 4, 1914—LOTS 77, 78, 79 BLK "A" Santa Fe. H Katzman, Frank McCauley and Richmond Painting Co \$252; D J Collins, B J Ballantyne and Pacific Elec Mfg Co, \$137 vs Leo Alpers and Estate of Hanora O'ConnorJan. 26, 1914

SAN JOSE AND THE SANTA CLARA VALLEY

BUNGALOWS—1 story, frame. Cost not stated. San Jose, Santa Clara Co., Cal. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: W. H. Haskins, San Luis Obispo, 6 room bungalow, \$3,000; Frank Pascoe, 333 North 14th street, 5 room bungalow, \$1,800; J. T. Walsh, 196 North 3rd street, 5 room bungalow, \$2,100; F. E. Tuttle, L or 8 Acacia Tract, 5 room bungalow, \$1,550, and Mrs. Morris Jensen, 275 North 8th street, residence alterations, \$1,000.

BRIDGE—Reinforced concrete construction. Cost not stated. San Mateo County, Cal. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Plans for a reinforced concrete bridge which is to be erected on the La Honda and San Gregoria road have been completed and are now out for figures. Bids will be opened by the Board of Supervisors on March 2nd. Plans and specifications can be secured from the County Surveyor at Redwood City. An official notice of this work appears in another column of this issue.

WHARF—Creosoted pile and timber, \$150,000. Santa Cruz, Santa Cruz Co., Cal. Engineer, H. J. Brunner, Sheldon Bldg., S. F. Owners, City of Santa Cruz. Bids opened for this work show Messmer-Rice Co. of Los Angeles low as follows: (a) \$142,213; (b) \$85,813. Hidders checks of the Sound Construction and Engineering Co. and W. W. Concannon & Co. have also been retained. A complete list of the bids received will be found under San Jose and the Santa Clara Valley in this issue.

SCHOOL—1 story and base, concrete and frame, \$35,000. Monterey, Monterey Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Monterey School District. The building will contain seven class rooms, assembly hall, principal's office and teachers' rooms. Interior finish will be of pine with some maple floors. There will be a central heating system, probably warm air, and oil burning furnaces. Program clocks and vacuum cleaning are also specified. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken. Bids will be opened on February 20th. Plans can be secured from the architect in this city.

Bids Opened For Santa Cruz Wharf.

Messmer-Rice Co. of Los Angeles Low But Checks of Two Local Firms Are Also Retained.

(By Special Wire)

SANTA CRUZ, Feb. 7, 1914—Eleven sets of bids were opened today for the construction of a creosoted pile and timber wharf, 2750 feet long, and varying in width from 30 to 80 feet. The wharf was designed by Engineer H. J. Brunner of San Francisco.

The lowest bid was submitted by Messmer-Rice Co., of Los Angeles, at (a) \$142,213; (b) \$85,813; (c) ———. Other figures very close were submitted by the Sound Construction & Engineering Co. and by W. W. Concannon Construction Co. and all three checks have been retained. 5 complete list of the bids follow:

Santa Cruz Wharf.

Thompson Bridge Co., S. F. (a) \$154,600; (b) \$98,400; (c) ———.
Swayne Lumber Co. (a) ———; (b) ———; (c) \$53,882.97.
Shattuck-Edinger Co., S. F. (a) ———; (b) \$98,000; (c) ———.
Messmer-Rice Co., L. A. (a) \$142,213; (b) \$85,813; (c) ———.
San Francisco Bridge Co. (a) \$161,300; (b) \$100,844; (c) ———.
Hyde-Harjes Co., S. F. (a) ———; (b) \$166,872; (c) ———.
Healy-Tibbets Constr. Co., S. F. (a) \$180,000; (b) ———; (c) ———.
W. W. Concannon Constr. Co., S. F. (a) \$149,919; (b) \$92,519; (c) ———.
Sound Constr. & Eng. Co., S. F. (a) \$148,865; (b) \$94,614; (c) \$63,550.
Pacific Creosoting Co., S. F. (a) ———; (b) ———; (c) \$63,875.61.
St. Helena Creosoting Co. (a) ———; (b) ———; (c) \$55,537.51.

Engineer's estimate, \$150,000.

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Building Contracts.

SANTA CLARA COUNTY.

LOT 6 HYLAND SBDVN, San Jose.

All work for frame cottage.

Owner.....H. G. Paulman, San Jose.

Architect...None.

Contractor...P. J. Schmidt, 1222 Delmas

Ave., San Jose.

Filed Jan. 22, '14 Dated Jan. 25, '14.

Frame up\$592

Brown plaster on..... 592

When finished 592

Usual 35 days.....Balance

TOTAL COST, \$2348

Bond, \$1200. Surety, Wm. Stalker.

Limit, 90 days. Forfeit, none. Plans

and specifications filed.

LOT 2 BLK 2 SHOTTENHAMER SUB,

San Jose. All work for one-story

frame dwelling.

Owner.....W. F. Fuller, San Jose.

Architect...None.

Contractor...J. Weedon, San Jose.

Filed Jan. 19, '14. Dated Jan. 17, '14.

Frame up\$625

Brown mortar on..... 625

When completed 625

Usual 35 days..... 625

TOTAL COST, \$2500

Bond, none. Limit, May 17, '14. For-

feit, none. Plans and specifications

filed

NEAR LOS ALTOS. All work for resi-

dence and garage.

Owner.....Mrs. H. Bleibler, Palo Alto

Architect...None.

Contractor...H. J. Ross, Palo Alto.

Filed Jan. 30, '14. Dated Jan. 12, '14.

Frame up\$632.75

Building plastered 632.75

When completed 632.75

Usual 35 days..... 632.75

TOTAL COST, \$2531.00

Bond, none. Limit, 75 days. Forfeit,

none. Plans and specifications filed.

No. 275 N-EIGHTH, San Jose. Two-

room addition on front of residence.

Owner.....Mrs. Morris Jensen, Frem.

Architect...None.

Day's work. COST, \$700

No. 426 S-FIFTEENTH, San Jose. Six-

room bungalow.

Owner.....W. H. Haskins, San Luis

Obispo, Cal.

Architect...None.

Day's work. COST, \$3000

W FIFTEENTH, bet Washington and

Empire, San Jose. Two-room cottage

Owner.....Frank Pascoe, 323 N-14th,

San Jose.

Architect...None.

Day's work. COST, \$1500

W SIXTEENTH, bet Empire and Jack-

son, San Jose. Five-room cottage.

Owner.....J. T. Walsh, 196 N-3rd St.,

San Jose.

Architect...None.

Day's work. Cost, \$2100

LOT 8 ACASIA TRACT, San Jose. Four-

room bungalow.

Owner.....F. E. Tuttle, Premises.

Architect...None.

Day's work. COST, \$1550

NO. 726 N-MILLER, San Jose. Four-

room cottage.

Owner.....J. F. Ralston, 709 Miller

St., San Jose.

Architect...None.

Day's work. COST, \$1250

NO. 565 N-SEVENTEENTH, San Jose.

Six-room cottage.

Owner.....A. L. Campton, 547 N-17th

St., San Jose.

Architect...None

Day's work. COST, \$2300

NO. 1223 ORCHARD (rear), San Jose.

One and one-half-story barn.

Owner.....V. Sanfilippo, Premises.

Architect...None.

Day's work. COST, \$400

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED

Jan. 31, 1914—NO. 405 WELLINGTON

Ave, Daly City. Bertha V Howard

to whom it may concern. Nov 15, 1913

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED

Feb. 3, 1914—BURLINGAME AVE &

Main, Burlingame. Estelle V Han-

sen to Caldwell & Wisnom. Jan 31, '14

FRESNO, MODESTO, STANIS- LAUS AND CENTRAL CALIFORNIA.

GARAGE—1 story and base, rein-
forced concrete. Cost not stated.
Fresno, Fresno Co., Cal. Architect, W.
F. Bowen, Fresno. Owners, Stephens
and Bean. The building will be erect-
ed at the corner of Tuolumne and H
streets, covering a considerable ground

area. Besides the storage rooms there
will be a body shop and machine
rooms. Interior finish will be of pine
throughout. A cement floor will be
used. Metal window sash and frames
are specified. Exterior of the build-
ing will be faced with cement plaster.
Plans are complete and figures are be-
ing taken.

RESIDENCES—5, 1 and 2 story,
frame. Cost not stated. Fresno, Fres-
no Co., Cal. Architect, Eugene Mathew-
son, Forsyth Bldg., Fresno. Owner,
W. G. Cochrane. These houses will
contain from six to eight rooms with
baths and sleeping porches. Interior
finish will be of pine, redwood and
hardwood veneer. Oak floors will be
used in the principal rooms. The
larger dwellings will have furnace
heat. Open fire places will be speci-
fied in the living rooms of all dwell-
ings. Mantels will be of tile and
brick. Tile wainscot and composition
floors will be used in the bath rooms.
Automatic water heaters are also speci-
fied. Exteriors will be covered with
rustic, shiplap and cement plaster on
metal lath. Plans are being prepared.

RESIDENCE — 2-story and base,
frame, \$15,000. Fresno, Fresno Co.,
Cal. Architect, Eugene Mathewson,
Forsyth Bldg., Fresno. Owner, Ar-
thur W. Goodfellow. The dwelling will
be erected on Ventura avenue, and will
contain ten rooms, three baths and
sleeping porch. Interior finish will be
of pine, oak, mahogany and white
enamel. Oak floors will be used in the
principal rooms. There will be fur-
nace heat and open fire places. Man-
tels will be of tile. Automatic water
heaters are specified. Bath rooms will
have composition floors, tile wainscot
and showers. Exterior of the dwelling
will be covered with cement plaster on
metal lath. Plans are now being com-
pleted.

STORE ALTERATIONS—1 story and
base, brick, \$5,000. Fresno, Fresno Co.,
Cal. Architect, Eugene Mathewson,
Forsyth Bldg., Fresno. Owner, James
Fortheons. The present building will
undergo extensive alterations. This
work will consist of new copper store
fronts, plate glass windows, interior
trim, plumbing, electric work and mill
work. Plans are complete and figures
are now being taken.

Contracts Awarded.

THEATRE—3 story and base, brick,
\$50,000. Modesto, Stanislaus Co., Cal.
Architect's name not given. Owner,
W. B. Martin. Contractor, A. L. Hal-
verson, Modesto. Contract price, \$50,-
000.

Kingsburg Sewer Bids Are Opened.

Construction of Sanitary Sewer System
Will be Carried on by C. D. Vincent
on General Contract.

Bids opened by the City Council of Kingsburg, Fresno County, for the construction of a sanitary sewer system, as designed by Engineer Frank A. Lathrop of Los Angeles, show C. D. Vincent low at \$17,996.54. A complete list of the bids received follow. Schedule (A) is for the work as a whole; Schedule (B) is for any or all material f. o. b. Kingsburg and Schedule (C) is for furnishing labor only.

Kingsburg Sewer System. SCHEDULE "A"

John Sutale	\$26,590.00
Wm. Heafy (cast iron pipe)	19,810.10
Wm. Heafy (well casing)	19,550.85
Hall & Hunt	21,075.87
C. D. Vincent	17,996.54
R. C. Lowell	23,842.20
Johnson Bros.	21,326.41
Doyle Bros.	21,218.15
Chamber & Heafy	21,317.30

SCHEDULE "B"

H. C. Muddox	\$4743.61½
Merritt Hydraulic Co.	778.75
H. R. Boynton (Bid on outfall pressure pipe)	

SCHEDULE "C"

Hall & Hunt (Labor)	\$7607.22½
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SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

RESIDENCES—1 and 2 story, frame. Cost not stated. Sacramento, Cal. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: Ernest G. Ball, Ohio avenue, Sacramento, 2 1 story frame bungalows, \$1,800 and \$2,400; Wright and Kimbrough, 817 J street, Sacramento, 8 1 story frame bungalows, \$2,700 each.

RESIDENCE—2 story and base, frame, brick, \$25,000. Sacramento, Cal. Architects, Woollett & Woollett, Newhall Bldg., S. F. Owner, James Mull. This house will contain in the neighborhood of twelve rooms, several baths and sleeping porch. Interior will be handsomely finished in pine and hardwoods with some white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick or tile. Plans include vacuum cleaning and automatic water heater. Bath rooms will have tile floors and wainscot. Exterior of the dwelling will be faced with pressed brick. Plans are being prepared.

CONCRETE PIERS—\$1,000,000. West Sacramento, Cal. Engineer, Engineering Department of the West Sacramento Co., West Sacramento. Owners, West Sacramento Co. An announcement has been made by the company that actual construction on a number of reinforced concrete piers will be started early in the spring. These piers will be erected on the waterfront opposite the city of Sacramento, and will extend from the Southern Pacific tracks a distance of two miles down the river. Construction will be

fireproof throughout. Several of the structures will carry wharf sheds, also of concrete construction. Competitive bids will be asked.

FLATS—2 story and base, frame, \$3,500. Sacramento, Cal. Architect, none. Owner, Manuel Brown, 408 T street, Sacramento. The building has been designed to contain two modern flats of five rooms each and will be erected on T street near 3rd avenue. Interior finish will be of pine and redwood with some oak floors. Each living room will have an open fire place with tile or brick mantel. Bath rooms will have the wainscot. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

ELEVATOR WORK, ETC.—State Capitol. Cost not stated. Sacramento, Cal. Architect, State Department of Engineering, Sacramento. Owners, State of California. Plans have been completed and are now out for figures for the installation of two new elevators, alterations to the grill work and furnishing of pneumatic door opening devices at the State Capitol building. Bids will be opened on March 3rd. Plans and specifications can be secured from the State Department of Engineering. An official proposal appears in another column of this issue.

BUNGALOWS—2 1 story and base, frame, \$2,200 and \$1,500. Sacramento, Cal. Architect, none. Owners, L. A. Averill, 21 Clunes avenue and J. E. Lunderville, 1912 30th street. These two houses will be finished in pine and redwood. Oak floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exterior will be covered with cement plaster on metal lath. Plans for each are in the hands of the respective owners who will do the work by Day Labor.

COURT HOUSE ADDITIONS—1 and 2 story and base, brick, \$30,000. Ukiah, Mendocino Co., Cal. Architect, John Davis Hatch, Humboldt Bank Bldg., S. F. Owners, Mendocino County. It is proposed to extend the wings on the north, south and west, and to add a second story to the first two wings mentioned. The county clerk's office will be extended to embrace the office at present occupied by the school superintendent. The latter will be removed to the room occupied by the supervisors and another room to be added on the west when the wing is extended. The auditor will occupy the corresponding office on the south side of that wing. The tax collector's office will occupy its present quarters and in addition will include a part of the present assessor's office, the remainder of which will be taken by the treasurer. The treasurer and tax collector will have access to each other's offices through a door which will be a great convenience. The displaced assessor will have the part of the southern wing adjoining the tax collector's office. Underneath the wings will be a large basement. In the north basement will be the furnace room and in the south will be fireproof chambers in which will be stored the county records. The recorder's building will

be joined to these fireproof chambers by a tunnel to which access will be gained from the hall of records by a stairway. The present front of the building will be torn away and a handsome porch in a modern style of architecture will be constructed of concrete. The entire building will be given a concrete finish over the bricks after the style of the city hall and the opera house. Upstairs the district attorney's offices will remain the same as at present. The judge's chambers will be made smaller and the part taken used to enlarge the law library. A lady's waiting room and a consulting room and lavatories will be placed where the present jury room and the law library are and the present wood room will be made into a jury room. The courtroom will remain the same as at present. The stairways as they now exist will be done away with and there will be a straight flight to the upper floor from the lower corridor. The larger part of the upper story of the south wing will be devoted to a room for the board of supervisors and two private rooms for conferences. The entire building will be refinished throughout and modern electric fixtures, modern hardware, etc., will be installed.

SCHOOL—1 story and base, reinforced concrete, \$22,000. Gridley, Butte Co., Cal. Architects, Smith & Stewart, 244 Kearny street, S. F. Owners, Gridley School District. The building has been designed in the Mission style and will cover an area of 142 by 90 feet. Construction will be of the semi-fireproof type. There will be six class rooms and a large assembly hall. Interior finish will be of pine with maple floors in the class rooms. Plans provide for plenum system of heating with oil burning equipment. Exterior of the building will be faced with cement plaster. Plans are now nearly complete and figures will be taken in the course of three weeks. Further mention will be made of the work.

SCHOOL—2 story and base, brick, \$180,000. Sacramento, Cal. Architects, Shea & Loquist, Bankers' Investment Bldg., S. F. Owners, Sacramento School District. The building will occupy an entire city block and will contain 18 class rooms, assembly hall and teachers' rooms. Interior will be finished in pine with maple floors in the class rooms. There will be steam heat, vacuum cleaning system and program clocks. Besides the class rooms plans provide for manual training and domestic science rooms, play rooms and toilets. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken. Bids will be opened on February 27th.

SEWER SYSTEM—Cost not stated. Kingsburg, Fresno Co., Cal. Engineer, Frank A. Lathrop, Los Angeles. Owners, City of Kingsburg. Bids opened for this work show C. D. Vincent low at \$17,996.54. Bids were taken for the work as a whole, for any or all material f. o. b. Kingsburg, and for the labor. A complete list of the bids as opened will be found under the heading of Fresno, Modesto, Stanislaus and Central California in this issue.

Building Contracts.

SACRAMENTO COUNTY.

LOT 14 BLK 9, Oak Park; No. 3611 Orange Ave., Sacramento. Alter one-story frame dwelling.
Owner.....C. E. and L. E. Taylor, Premises.

Architect...None.
Contractor...J. A. Schumate, Elmhurst, Route 2, Sacramento.
COST, \$500

N 40 FEET OF LOTS 10, 15 Allen Tract 23rd street bet V. and W. Sacramento One-story 5-room frame dwelling.
Owner.....W. A. Fairfield, 3020 35th, Sacramento.

Architect...None.
Contractor...E. W. Matthey, Oak Park.
COST, \$1600

N 32 FT. OF S 65 FT. LOT 1, O, P, 6TH and 5th Sts., No. 1509 6th St., Sacramento. Two-story frame dwelling (2) flats.

Owner.....H. L. Eckman, 2219 P St., Sacramento.
Architect...None.
Contractor...J. Ettel, 1515 23rd, Sacramento.
COST, \$3750

W 1/2 LOT 3, Q, R, 18TH AND 19TH Sts., No. 1810 Q St., Sacramento. Alter 2-story frame dwelling into flats.

Owner.....L. Ebert, Premises.
Architect...None.
Contractor...Clippa Bros., 314 21st St., Sacramento.
COST, \$500

N 1/2 OF S 1/2 LOT 4, T, U, 3RD AND 4th Sts., No. 2010 4th St., Sacramento. Two-story frame flats (4 rooms each)
Owner.....Manuel Brown, 408 T St., Sacramento.

Architect...None.
Day's work.....COST, \$2400

W 47 1/2 FT. LOT 3, I, J, 4TH AND 5TH Sts., No. 422 I St., Sacramento. Alter one-story brick building.

Owner.....Geo. A. Planney, 1330 H St., Sacramento.
Architect...None.
Contractor...Hook & Son, 718 18th St., Sacramento.
COST, \$500

S 30 FT. LOT 1, Q, R, 18TH AND 19TH Sts., No. 1715 18th St., Sacramento. Two-story frame dwelling.

Owner.....V. Van Buren, 2212 1st Ave Sacramento.
Architect...None.
Day's work.....COST, \$1400

LOT 812 WRIGHT & KIMBROUGH Tct. No. 22, Ohio Ave., Sacramento. One-story 5-room frame dwelling.

Owner.....Ernest G. Ball, Ohio Ave E Sacramento.
Architect...None.
Day's work.....COST, \$1800

LOT 861 WRIGHT & KIMBROUGH Tct. No. 22 Ohio Ave., Sacramento. One-story 6-room frame dwelling.

Owner.....Ernest G. Ball, Ohio Ave., Sacramento.
Architect...None.
Day's work.....COST, \$2400

LOT 1282 WRIGHT & KIMBROUGH Tct No. 27, 2621 Miller Ave., Sacramento. One-story frame residence.

Owner.....Wright & Kimbrough, 817 J St., Sacramento.

Architect...None.
Day's work.....COST, \$2600

LOT 1233 WRIGHT & KIMBROUGH Tct No. 27, 2625 Miller Ave., Sacramento. One-story five-room frame residence.

Owner.....Wright & Kimbrough, 817 J St., Sacramento.
Architect...None.
Day's work.....COST, \$2600

LOT 1265 WRIGHT & KIMBROUGH Tct No. 27, 2425 Miller Ave., Sacramento. One-story frame residence.

Owner.....Wright & Kimbrough, 817 J St., Sacramento.
Architect...None.
Day's work.....COST, \$2600

LOT 1269 WRIGHT & KIMBROUGH Tct No. 27, 2505 Miller Ave., Sacramento. One-story five-room frame residence.

Owner.....Wright & Kimbrough, 817 J St., Sacramento.
Architect...None.
Day's work.....COST, \$2600

LOT 1250 WRIGHT & KIMBROUGH Tct No. 27, 2432 Miller Ave., Sacramento. One-story frame residence.

Owner.....Wright & Kimbrough, 817 J St., Sacramento.
Architect...None.
Day's work.....COST, \$2700

LOT 1267 WRIGHT & KIMBROUGH Tct No. 27, 2433 Miller Ave., Sacramento. One-story five-room frame residence.

Owner.....Wright & Kimbrough, 817 J St., Sacramento.
Architect...None.
Day's work.....COST, \$2500

LOT 1255 WRIGHT & KIMBROUGH Tct No. 27, 2412 Miller Ave., Sacramento. One-story five-room frame residence.

Owner.....Wright & Kimbrough, 817 J St., Sacramento.
Architect...None.
Day's work.....COST, \$2500

LOT 1262 WRIGHT & KIMBROUGH Tct No. 27, 2413 Miller Ave., Sacramento. One-story five-room frame residence.

Owner.....Wright & Kimbrough, 817 J St., Sacramento.
Architect...None.
Day's work.....COST, \$2500

LOT 1600 WRIGHT & KIMBROUGH Tct 24, No. 1117 Yardly Ave., Sacramento. One-story five-room frame residence.

Owner.....Chas. E. Wright, 817 J St., Sacramento.
Architect...None.
Contractor...Wright & Kimbrough, 817 J St., Sacramento.
COST, \$3500

LOT 1598 WRIGHT & KIMBROUGH Tct 24, No. 1125 Yardly Ave., Sacramento. One-story five-room frame residence.

Owner.....Chas. E. Wright, 817 J St., Sacramento.
Architect...None.
Contractor...Wright & Kimbrough, 817 J St., Sacramento.
COST, \$3500

LOT 1598 WRIGHT & KIMBROUGH Tct 24, No. 1125 Yardly Ave., Sacramento. One-story five-room frame residence.

Owner.....Chas. E. Wright, 817 J St., Sacramento.
Architect...None.
Contractor...Wright & Kimbrough, 817 J St., Sacramento.
COST, \$3500

LOT 1604 WRIGHT & KIMBROUGH Tct 24, No. 1101 Yardly Ave., Sacramento. One-story five-room frame residence.

Owner.....Chas. E. Wright, 817 J St., Sacramento.
Architect...None.
Contractor...Wright & Kimbrough, 817 J St., Sacramento.
COST, \$3500

W 1/2 OF W 1/2 N 1/2 OF 20 FEET BY 80 feet Lot 5, No. 826 J St., Sacramento. Alter one-story brick building.

Owner.....G. Hinrichsen & G. Faig, 826 J St., Sacramento.
Contractor...R. V. Koker, 519 1/2 K St., Architect...Alden W. Campbell, 34th and J Sts., Sacramento.

Filed Feb. 2, '14. Dated Feb. 2, '14.
COST, \$1155

LOT 978 WRIGHT & KIMBROUGH Tct. No. 21 Cluness Ave., Sacramento. One-story five-room frame dwelling.

Owner.....L. A. Averill, 21 Cluness Ave., Sacramento.
Architect...None.
Day's work.....COST, \$2200

N 1/2 OF S 1/2 LOT 4, S, T, 30TH AND 31st Sts., No. 1912 31st St., Sacramento. One-story 5-room frame dwelling.

Owner.....J. E. Lunderville, 1914 30th St., Sacramento.
Architect...None.
Day's work.....COST, \$1550

E 1/2 OF W 1/2 AND W 1/2 OF E 1/2 LOT 2, M, N, 3rd and 4th Sts., Sacramento. All work for building.

Owner.....W. H. Moll, 1617 16th St., Sacramento.
Architect...None.
Contractor...Gene Pendergast, 1208 1/2 J St., Sacramento.

Filed Feb. 4, '14. Dated Feb. 3, '14.
TOTAL COST, \$12,945

Bond, \$7000. Sureties, D. F. Fox and E. J. Pendergast.

(Correction in Work)
E 1/2 OF N 1/2 LOT 1, P, Q, 24TH AND 25th Sts., No. 2406 P St., Sacramento. Erect one and one-half-story 12-room frame dwelling.

Owner.....B. Woodbridge Roseville.
Architect...None.
Contractor...C. A. Gray, 2830 I St., Sacramento.
COST, \$5000

Building Contracts.

SAN JOAQUIN COUNTY.

LOTS 1 AND 4 BLK 4 W OF CENTER St., Stockton. All brick work and cement piers for two-story brick building.

Owner.....Mrs. M. Rossi, NW Main & Eldorado Sts., Stockton.
Architect...Ralph P. Morrell, 12-15 I. O. O. F. Bldg, Stockton.

Contractor...E. L. Morrison and John O'Neill, 711 E-Worth St., Stockton.

Filed Feb. 2, '14. Dated Jan. 28, '14.
All brick delivered on ground and brick up to 1st story, \$1000.00
Brick work up to 2d story ceiling.....1827.50
Completed and accepted.....942.50

TOTAL COST, \$3370.00

Bond, \$1885. Sureties, J. T. Stehn and C. M. Jackson. Limit, 90 days Forfeit, none. Plans and specifications filed.

ALL ROUGH LUMBER, CARPENTER, labor and steel and iron, all rough hardware, all wood floors on above. Contractor, W. J. Scott. Filed Feb. 2, '14. Dated Jan. 30, '14. 2nd story joists in place.....\$1000.00 Frames set and roof sheathing in place.....1256.25 Wood finish completed on 2nd floor.....1000.00 Store fronts completed.....1000.00 Accepted by owner.....1418.75 TOTAL COST, \$5675.00

Bond, \$2837.50. Sureties, Edw. H. Harris and W. H. Thomson. Limit, 90 days. Forfeit, none. Plans and specifications filed.

NORTH AND CALIFORNIA. Stockton. Excavating, concrete, stone, brick, iron, carpenter, lathing and plastering, metal work, roofing, electrical work, plumbing, painting and all other work for erection of gymnasium building and colonade.

Owner.....High School Board of Stockton (Alice S. Schneider, Alice P. McLeod, Frank G. Warren, F. E. Ellis and B. F. Eastman), Stockton.

Architect...Stone & Wright, San Joaquin Bldg., Stockton. Contractor...J. M. Chinhart and C. J. Nystedt, 307 W-Poplar St., Stockton.

Filed Jan. 28, '14. Dated Jan. 2, '14. On 1st of each month.....75% Usual 35 days, 25%.....\$7425 TOTAL COST, \$38,700

Bond, \$1485. Surety, American Casualty Co. Limit, 120 days. Forfeit, none. Plans and specifications filed.

LIENS FILED.

SACRAMENTO COUNTY.

RECORDED. AMOUNT
Jan. 26, 1914—LOT 8, I, J, 5TH AND 6th Sts: NE Fifth and J. Sacramento. The Iron & Steel Contg Co vs The Young Mens' Christian Association et al.....\$110
Jan. 29, 1914—W 20 FT LOT 6 and E 40 ft Lot 7, L. M. 27th and 28th St., Sacramento. Waterman Plumbing Co vs S Ginsberg.....\$141.07

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—2 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, John F. Blee, Union League Bldg., L. A. Owner, J. D. Schirm. The building will be erected on East First street at the corner of Cummings, and will cover an area of 72 by 129 feet. There will be seven stores on the first floor, finished in pine and with patent store fronts and plate glass display windows. Upper floors will be subdivided into thirteen suites of two and three rooms. Interior finish will be of pine throughout. There will be private baths and wall beds. Plans provide for steam heat and a hot water supply. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and the architect is now taking figures on the work.

CHURCH, CAMPANILE AND RECTORY—Reinforced concrete construction, \$200,000. Los Angeles, Cal. Architect, John T. Comes, Washington Bldg., Pittsburgh, Pa. Owners, St. Vincent's Parish, Father J. S. Glass in charge. The buildings will be erected on Figueroa street and West Adams. The design is a combination of the Spanish and Gothic Romanesque. Plans provide for a campanile 235 feet high, a main church edifice 100 by 225 feet and 85 feet in height, and a rectory containing lyceum, parlors and library. Construction will be of reinforced concrete and steel and will be fireproof. Exterior of the building will be faced with a grey tapestry brick with art stone trimming. Interior of the church will be finished in pine with ornamental plaster and art glass windows. There will be a central heating system. The rectory will not be erected at the present time. Preliminary plans have received approval and working drawings are now under way.

HOTEL, ADDITION—3 story and base, frame. Cost not stated. Pasadena, Los Angeles Co., Cal. Architects, Greene & Greene, Boston Bldg., Pasadena. Owners, Vista del Arroyo Hotel Co., F. M. Fowler, Mgr. The new portion of the hotel will be erected on property adjoining the present building at 125 South Grand avenue, and will contain in addition to the lobby, parlors, reception hall and dining rooms about 75 guest rooms with private baths. Interior finish will be of pine and hardwoods with some ornamental plaster. There will be steam heat and hot water supply. Exterior of the building will be faced with cement plaster on metal lath. Bath rooms will have tile wainscot and composition floors. Plans are now being prepared.

HOTEL—5 story and base. Class B construction, \$75,000. Hollywood, Los Angeles Co., Cal. Architect, Leonard L. Jones, I. W. Hellman Bldg., L. A. Owner, C. L. Clinch. The building will be erected at the northwest corner of Whitney and Hollywood avenues, and will be known as the Foothill Hotel. The structure will cover an area of 65 by 90 feet. There will be three stores besides the hotel lobby and offices on the first floor. A grill, barber shop and billiard hall will occupy the basement. Upper floors will contain in the neighborhood of 70 guest rooms and ten baths. There will be steam heat, elevator service, hot water supply and vacuum cleaning. Bath rooms will be finished in tile and will have composition floors. There will be patent store fronts and metal window sash and frames. Exterior of the building will be faced with pressed brick. Plans are nearly complete. Bids will be taken by the owner.

HOTEL—3 story and base, brick. Cost not stated. La Canada, Los Angeles Co., Cal. Architects, Eisen & Son, Wilcox Bldg., L. A. Owner's name withheld. The building will have a frontage of 400 feet, the main section being 144 by 60 feet with two lateral wings extending in the rear. There will be a large lobby and office, parlors, dining room and kitchen on the first floor. Upper floors will contain about 150 guest rooms with private baths. Hardwood and pine trim will be used. There will be steam heat, hot and cold running water, vacuum cleaning and metal window sash and frames. All bath

rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

RESIDENCE—2 story and base, frame. Cost not stated. Los Angeles, Cal. Architect, Elmer Grey, Wright and Callender Bldg., L. A. Owner, W. H. Brophy. The dwelling will be erected on Wilshire Boulevard, and has been designed for a fourteen-room house with four baths and sleeping porches. A two-story frame garage with sleeping rooms and bath in the second story will also be erected on the grounds. Interior finish of the residence will be of pine, white cedar, birch and white enamel. Oak floors will be used in the principal rooms. Plans provide for furnace heat, open fire places, vacuum cleaning and automatic water heaters. Mantels will be of tile and brick. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the dwelling will be covered with cement plaster and half timber above the second floor line and the brick veneer below. Plans are nearly ready for figures.

STORES AND OFFICES—11 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owner, Edwin T. Earl. The building will be erected in the heart of Los Angeles' business district, but the exact location is withheld for the time being. No details of construction have been made public. Further mention of the work will be made later.

GARAGE—1 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Fred Biren, Van Nuys Bldg., L. A. Owner, Mr. Bennett. The building will be erected on South Los Angeles street, covering an area of 48 by 145 feet. Floor will be of concrete. Interior finish will be of pine. A machine shop will occupy a portion of the building. Plans provide for metal window sash and frames and special gasoline storage tanks. Exterior of the building will be faced with enamel brick. Plans are complete and figures are now being taken.

CLUB HOUSE—2 story and base, frame, \$20,000. Hollywood, Los Angeles Co., Cal. Architect, Arthur R. Kelly, Story Bldg., L. A. Owners, Hollywood Women's Club. Only a portion of the building will be erected at this time. This will contain reception room, dressing rooms, kitchen, dining room and an assembly hall which will seat 400 people. Later it is planned to construct a large auditorium. Interior finish will be of pine and hardwood. A central heating system will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

HOTEL—4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, Charles Gordon, Los Angeles Investment Bldg., L. A. Owner, Verne Carter. The building will be erected on Hill street between 11th and 12th streets and has been designed to contain about 75 rooms, 80 per cent of which will have private baths. There will be steam heat, elevator service, metal window sash and frames and a hot water supply. Interior finish will be of pine and hardwood. Some ornamental plaster will be used in the

lobby. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

HOTEL—3 story and base, reinforced concrete. Cost not stated. Pomona, Los Angeles Co., Cal. Architects, Blanchard, Greene & Tifal, Van Nuys Bldg., L. A. Owners, T. W. Newman and associates. The building will be erected at the corner of Palomares and Garey streets and will cover an area of 200 by 258 feet. The first floor will contain eight stores, hotel lobby, parlors, sample room, dining room and dance hall. Upper floor will contain 110 guest rooms and 50 baths. One wing of the building will be arranged for a theatre seating 1,200 people. Plans provide for two elevators, steam heat, vacuum cleaning, metal window sash and frames and a hot water supply. Interior finish will be of pine and hardwoods. Exterior of the building will be faced with pressed brick. Plans will be ready for figures about the end of February.

RESIDENCE—2 story and base, frame. Cost not stated. Los Angeles, Cal. Architects, Elsen & Son, Wilcox Bldg., L. A. Owner, E. H. Kennard. The dwelling will be erected on Virgil avenue and has been designed for a sixteen-room house with two baths and sleeping porch. A garage will also be erected on the property. Interior of the dwelling will be finished in pine, redwood and hardwoods. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Automatic water heaters, vacuum cleaning and a hot water supply will be installed. Exterior of the house and garage will be covered with cement plaster on metal lath. Plans are now complete and figures will be taken at once.

SCHOOL—1 story and base, brick. Cost not stated. Palms, Los Angeles Co., Cal. Architects, Dennis & Hewitt, Fay Bldg., L. A. Owners, Palms School District. The lowest bid for the general construction of this building was presented by Hunsberger-Reed Co., but arrived twenty minutes late and was contested. All bids for the general construction were rejected and new figures will be advertised. Bids for the heating and ventilating, plumbing and electric work were taken under advisement.

STORES AND LOFTS—7 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owner, John Kahn. The building will be erected on the east side of Broadway south of 9th street, and will cover an area of 40 by 85 feet. Walls, floors and roof will be of reinforced concrete. Interior partitions will be of metal lath and plaster. There will be one elevator, metal window sash and frames and fireproof doors. An automatic sprinkler system is specified. Stores on the first floor will have copper fronts and plate glass windows. Interior will be finished in pine throughout. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for within a week or ten days.

Contracts Awarded.

HOTEL—4 story and base, \$76,000. Los Angeles, Cal. Architect, Charles Gordon, Los Angeles Investment Bldg., L. A. Owner, Verne Carter. Contractors Duro-Wren Construction Co., Van Nuys Bldg., L. A. Contract price, \$76,000.

RESIDENCE—2 story and base, frame. Cost not stated. Beverly Hills, Los Angeles Co., Cal. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, Dr. Norman Bridge. Contractors, Milwaukee Building Co., Wright and Callender Bldg., L. A. Contract price not stated. Note: The dwelling will contain twelve rooms and four baths.

STORES AND THEATRE—1 story and base, brick, \$18,000. Los Angeles, Cal. Architect, A. Lawrence Valk, Stimson Bldg., L. A. Owner, E. S. Tustig. Contractors, The Broadway Construction Co., Security Bldg., L. A. Contract price, \$18,000.

SCHOOL—1 story and base, brick, \$24,558. Glendora, Los Angeles Co., Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Glendora School District. Contractors, Crowell Sutton, 744 San Pedro street, L. A. plumbing. Contract price not stated. Munger & Munger, Pasadena, heating and ventilating. Contract price not stated.

APARTMENT HOUSE AND STORES—1 and 2 story and base, brick, \$36,000. Los Angeles, Cal. Architects, Blanchard, Greene & Tifal, Van Nuys Bldg., L. A. Owner, S. H. Friedlander. Contractor, A. E. Harshman, Black Bldg., L. A. Contract price, \$36,000.

PORTLAND AND OREGON.

APARTMENT HOUSE—3 story and base, brick, \$22,000. Portland, Ore. Architect, Charles W. Ertz, Northwest Bldg., Portland. Owner, Mr. Lohmlre. The building will be erected on Williams avenue, having a frontage of 60 feet and a depth of 120 feet. There will be a number of stores on the first floor. Upper two floors will contain twelve suites of two and three rooms with baths. Interior finish will be of pine throughout. Plans provide for steam heat and a hot water system. Bath rooms will have composition floors and tile wainscot. Wall beds will be used. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are being prepared.

CHURCH—2 story and base, brick, \$59,000. Portland, Ore. Architect, George Foote Dunham, Lumbermen's Bldg., Portland. Owners, First Christian Science Church of Portland. The building will be erected at the corner of East Sixth street and Holaday avenue and will cover a large ground area. Construction will be semi-fireproof. Interior will be arranged for a large auditorium and a smaller auditorium with Sunday school rooms. Pine and hardwood will be used for finish. There will be a central heating system. Exterior of the building will be faced with pressed brick. Plans are being completed and figures will be called for shortly. A contract for the excavating and foundation work has already been awarded.

STABLE—2 story and base, brick and steel. Cost not stated. Portland, Ore. Architect, P. Chapell Browne, Mohawk

Bldg., Portland. Owners, Holbrook Estate. The building will be erected at the corner of 16th and Raleigh streets, covering an area of 100 feet square. The first floor will contain a large number of stalls, wagon room and repair shop. Upper floor will be used for the storage of hay and grain. Included in the work will be galvanized iron chutes, plumbing and electric work. Exterior of the building will be faced with stock brick. Plans are complete and bids will be called for at once.

Contracts Awarded.

RAILROAD OFFICE—3 story and base, reinforced concrete, \$25,000. Portland, Ore. Engineer, Mr. Boschke, care of O. W. R. and N. Co., Portland, Owners, Oregon-Washington Railroad and Navigation Co. Contractors, Moore Bros., 406 East 37th street, Portland. Contract price, \$25,000.

SCHOOL—3 story and base, brick and tile, \$20,280. Rose City, Ore. Architect, Joseph Jacobberger, Board of Trade Bldg., Portland. Owners, Sisters of The Holy Child. Contractor, John Altmeyer, East 12th street and Ash, Portland. Contract price, \$20,280.

THEATRE—2 story and base, brick and steel. Cost not stated. Portland, Ore. Architect, none. Owners, The Blodgett Co., Ltd. Contractors, Hurley-Mason Co., Board of Trade Bldg., Portland. Contract price not stated.

SEATTLE AND WASHINGTON.

BANK AND OFFICES—5 story and base. Class A construction, \$250,000. Great Falls, Mont. Architect, Henry Hall Johnson, Henry Bldg., Seattle. Owners, R. S. and L. M. Ford, Great Falls. The building will be erected on a corner and will cover a large ground area. Construction will be class A throughout with a complete steel frame, reinforced concrete walls and floors. Interior partitions will be of hollow tile and metal lath and plaster. The entire first floor will be occupied by the bank. Upper floors will be arranged for modern offices. Interior finish will be of pine and hardwoods. Marble and tile and ornamental iron and bronze will be used. There will be steam heat, elevator service, hot water supply and vacuum cleaning. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken. Bank equipment and vaults will be let separately.

HOTEL—2 story and base, brick, \$30,000. Georgetown, Wash. Architect, Charles H. Bebb, Denny Bldg., Seattle. Owners, Horton Estate. The building will cover an area of 114 by 140 feet. There will be a number of stores besides the hotel lobby and entrance on the first floor. Upper floor will contain 80 guest rooms, and public and private baths. Plans provide for steam heat and hot and cold running water. Interior finish will be of pine throughout. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans are nearly complete and contracts will be let in about ten days.

Contracts Awarded.

RESIDENCE—2½ story and base, brick, \$20,000. Seattle, Wash. Architect, J. S. Cote, Haight Bldg., Seattle. Owner's name withheld. Contractor, A. E. Perry. Contract price, \$20,000.

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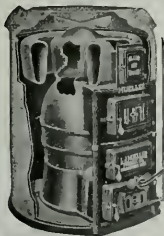
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Chalmers, H. A.

(Jac.)
Fay, John
Gardner, Joe.
Connell Co., J. E.
Daly Co., H.
Duthie, Chas.
Fraser, Simon
Gilmour, W. G.
Jacobson, N.
Knowles, A.
Leah & Kaiser
Lyden & Bickel
MacGruber & Co.
Mowat Donald
Orrford Co.
Philbin, J. J.
Sexton, T. D.
Terranova, M. J.
The Pacific Plas-
tering Co.
Wagner James A.

Plumbing and Gas Fitting.

Ahlbach & Mayer
Alton, Thom. W.
Boacus Bros.
Bernard, Geo. F.
Condon & Band
Dunn, Neil H.
Empire Plumbing
Co.
Goss, Wm. P.
Grondona, A.
Houston, J. J.
Kara, F. E.
Kierman & O'Brien
Kirschbaum, W. F.
Lacey Bros.
Lawler, H. I.
Lawson, Herman
Lettich Bros.
Levy Plumbing
Co., M. C.
Looney Co., J.
May, Gus
McNeill, Leo. J.
McLeod, J. J.
Penkerton, J. H.
Perazal, H. J.
Skeels, Thomas
Shearer, John
Snook & Co.,
Fred W.
Stewart, James E.
Turner Co., The
Wetzel, Theo.
Wilson & Co., W.

Plumbers Supplies

Mark-Lally Co.
Nelson Mfg. Co.
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Freight & Pass-
enger
Kent, James B.

Railroad Agent, Freight & Pass- enger

Kent, James B.

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Myers
Orenstein - Ar-
thur Koppel Co.
Lamburn, C. E.
Markley, James E.

Roofing, Gravel & Composition.

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Paving Co.
Cal. Roofing Co.
Canley & Co., J.
Entire Roof-
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Roehning Co.
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Co.
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Co.
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Raphel Roofing
Sammel Co., H. D.
Thibbets Roofing
Co.

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Waterhouse &
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Western Asbestos
Manufacturing Co.
Western Builders'
Supply Co.
Whittier - Coburn
Co.

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Bay Develop. Co.
Cal. Building Ma-
terial Co.
Holland, J. P.
McMullin Bros.
Stout Co., E. B. &
A. L.
Western Building
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Sanitary Garbage Chutes.

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Snoo Hasting.
McDermott, W.
Steel Sheet Wks.
Appman Cornice
Works
Atlas Heating &
Ventilating Wks.
Barth, Wm. J.
Capitol Sheet
Metal Works
Coryn & Hygren
Crown Cornice
Works
Forderer Cornice
Works
G. & M. Sheet
Metal Works.
Guilfoyle Cornice
Manufacturing Co.
Sheet Metal
Works
Hughes, H. J.
Hurtgen Bros.
Ideal Cornice Wks.
Korrell & Co., J. A.
Modern Sheet Met-
al Works
Morrison & Co.
S. F. Metal Stamp-
ing & Corr. Co.
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Jackson Co., P. H.
Lewand & Co., J. E.
McGuigan & Co.,
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Boller, John
Jacobson, J.
Johnson, C. Wm.
Porter, W. F.
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Koster & Short
Wright, J. H.
Steel Bars.
Baker & Hamil-
ton
Dugan & Noyes
Woods & Hud-
dard

Steel Erector.

Saunders, Fred C.
Pioneer Con. Co.
Williams Con-
struction Co.

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Store Front
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San Francisco Iron Works.
Raitson Iron Wks
Vulcan Iron Wks.
Zenith Iron Wks.
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Branck, J. P.
Button, I. V.

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Leffler, Fred
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Monahan
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O'Day Co. D.
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Cleaning Co.
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Clean Co.
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Birth Co. L. H.
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Van Emon Eleva-
tor Co.
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S. F. Fibre & Cord-
age Co.
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ilating.**
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ing & Heating,
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Montague, W. W.
T. Co.
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Hardwood Inle-
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Inlaid Floor Co.
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Waterhouse &
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Stanquist & Forbes
Zimmerman, L. M.
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Braunton Bros.
Burdick, Wm. A.
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Cobby, J. W.
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Dewar, R. & Son
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Fahy, R.
Fischer, Fred
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Frost, T. P.
Gillespie, G. G.
Gallagher, Frank
Gardner, Florent
Greig, Robt.
Hansbrough Bros
Healey Tibbitts
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Hill, J. A.
Holm & Son
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Ingerson, C. A.
Jacks, H.
Kearney, P. J.
Keni, S. H.

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Lang & Bergstrom
Lester, E. T. &
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Masow & Morrison
Mathews Con. Co.
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McBain, J.
McKilloan, R. and
Wm.
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Miller, Adam.
Moller, R. W.
Morey, H. B. &
Oswaley, B. T.
Penny, Isaac.
McLeran & Peter-
son.
Robinson & Gil-
lespie.
Savage, M. J.
Simmen, John.
Smith, J. W. & Son
Spence, A. T.
Stockholm & Al-
ley.
Terrill, G. C.
Walker Bros. Co.
Warwick, H. C.
Buller, Thos.
White Bros (car-
penters)

Tool-Case Works.

Amisler, C. S.
Berger Mfg Co.
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Works
Comyns & Child-
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Cronan, Wm.
Forrester Carnte
Works.
Guilfoxy Cornice
Works
Appmann Cornice
Works.
Heldt, Wesley.
Morrison & Clark
S. F. Cornice Co.
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& Cornice Wks
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Lynch, Richard
Snell & Dennis
Raymond, W. H.
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McLennan, S. B.
Damp Proffers.**
Briekley, P. J.
Reigle & Jamison

Glass and Glazing

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Cohbedick, Glass
Co., L. N.
Friedman Bros.
Fuller, W. P. &
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Hahenlicht &
Howlett
Holland, J. P.
Schwarz & Gut-
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ing.

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Dillon, D.
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McChure, H. N.
Wilhelm, A. H.
Wilkie Co.
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Wright, Chas.
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Deemlak Bros.
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Fee, Grant.
Fraser & Fraser
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Hanna, J. D.
Hannah & Co. J.S.
Hayes, W. W.
Jackson, A.
Kuykendall, J. O.
Malley, Edward
Mathies, Henry
Pencook, John
Schubert, H.
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McLennan, S. B.
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Bradbury, Thos.
Cal Granite Co.
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C. L.
Hunt, A. T.
Raymond Granite
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Lorenz, Schffner
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Fee, Grant.
Fraser & Fraser
Graham, D. E.
Hanna, J. D.
Hannah & Co. J.S.
Hayes, W. W.
Jackson, A.
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Malley, Edward
Mathies, Henry
Pencook, John
Schubert, H.
Strawser & Ped-
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Van Sant-Hough-
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Glass and Glazing
Flat & Win-
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Cohen, I.
Cohbedick, Glass
Co., L. N.
Friedman Bros.
Fuller, W. P. &
Co.
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Howlett
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Co.
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 Hunt, Andrew T.
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 Bradbury, Thos.
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 Dillon, D.
 Eureka Teaming
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 McClure, H. N.
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Two Views of the New San Francisco
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United States. Designed by the City De-
partment of Architecture, San Francisco.

WEDNESDAY, FEBRUARY 18, 1914.

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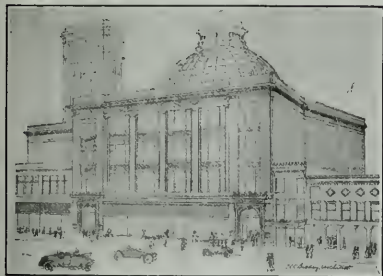
South and east cement walls waterproofed with Imperial Water Proofing. Color effect produced with Imperial Concrete Finish to match stone work of street fronts

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Righetti & Headman, Architects.

Interior walls dampproofed with Imperial Damp Proofing. Exterior walls waterproofed with Imperial Water Proofing. Color effects with Imperial Pigments.

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Wright, Rushford & Cahill, Architects

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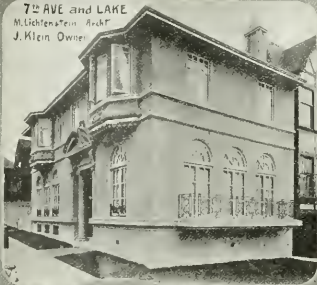
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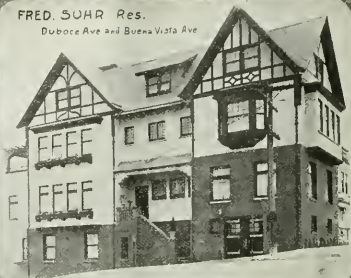
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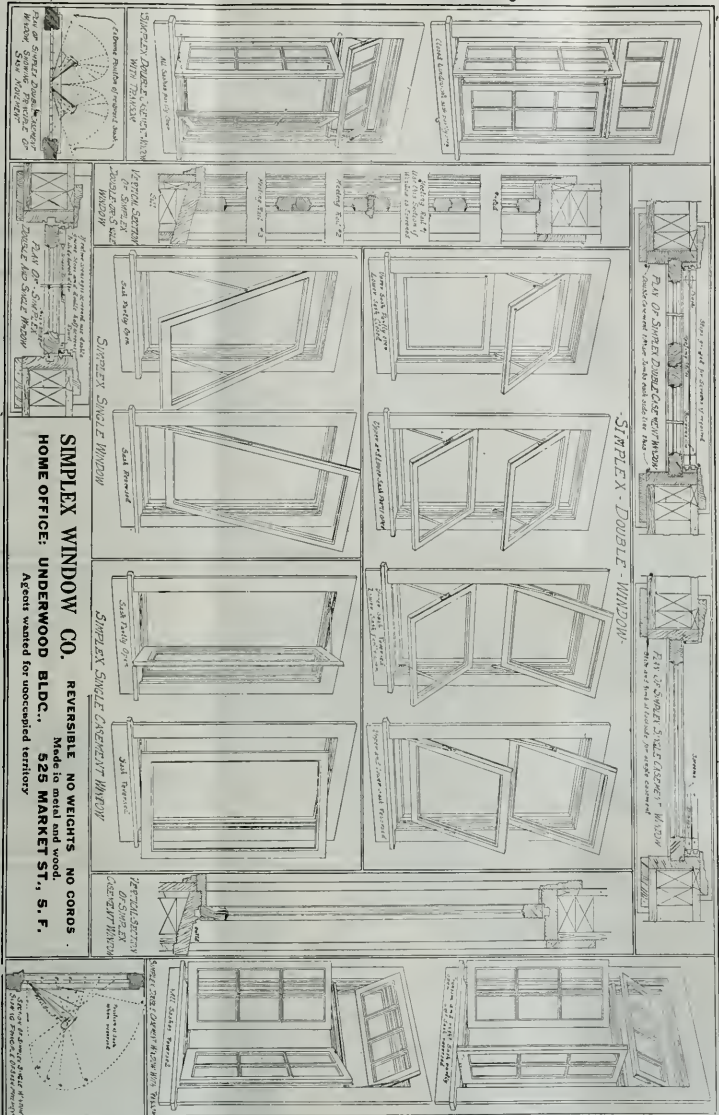
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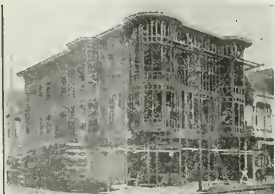
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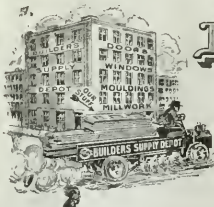
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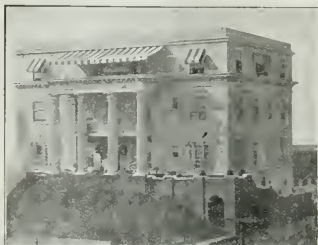


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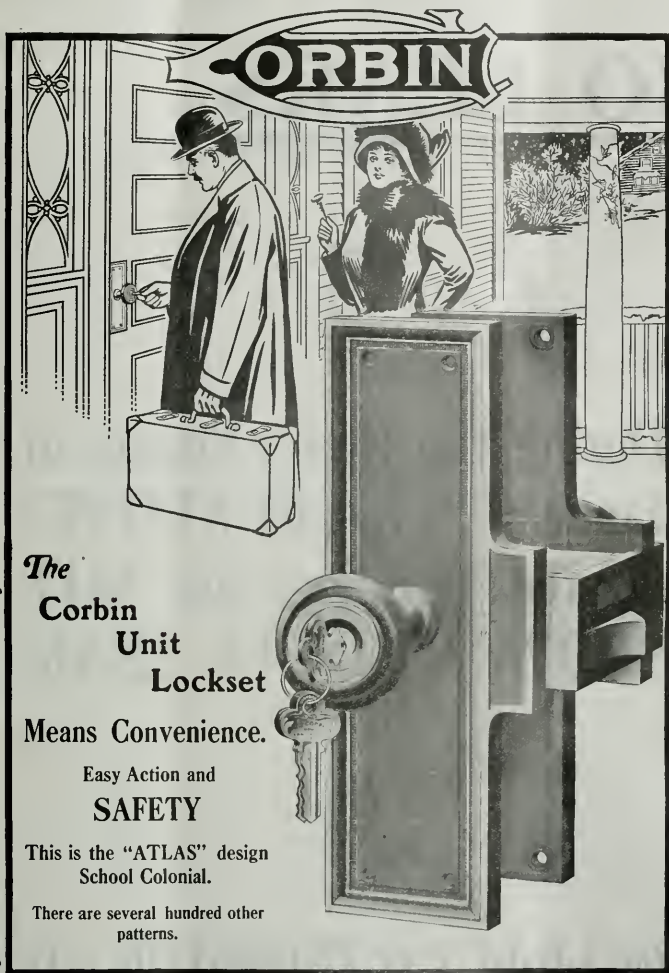
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Editorial Comment.

The New York Association for improving the condition of the poor has published figures showing that families of five under its care involve a daily outlay of \$2.96½ or \$1082.25 per year. It is interesting to learn that five people can live and pay rent in the City of New York on that amount. It would be also interesting to know whether the average head of a family of five is able to earn \$1082 per year. However, if the family can live on less than \$3 per day it must be by rigid economy. Living is a comparative expression and depends entirely upon the standard of comparison.

President Wilson was elected with a less number of the popular vote than Bryan received in 1908. Yet he has proved himself eminently fitted for the high office that he holds and has won the confidence and respect of all people whose opinions are worth while. At a period of reform he has grasped the complex situation with masterly comprehension and has formulated a program that is remarkable in its unity. Industrial conditions have been such that artificial restrictions have been placed on the life of the community and special privileges have been granted to a few. To remove these restrictions and privileges the Wilson program has been classified under the following heads:

Fundamental Purpose—To remove the artificial restrictions to business that have grown up with the rapid industrial development of the last century.

First Restriction—The protective tariff has unduly favored a few industries at the expense of all the others, therefore it is revised downward.

Second Restriction—Defects in the old National Bank Act tended to concentrate money in New York, encourage speculation at the expense of current business and to produce periodical stringencies, when it was difficult to get the funds necessary for legitimate business uses. These defects have been corrected in the new banking law.

Third Restriction—Big business has used its power to capture undue advantages for itself, which tend to produce monopoly and to stifle competition. These evils are to be corrected by laws prohibiting interlocking directorates and unfair methods of doing business.

Fourth Restriction—Inflation of securities of railroads has imposed a burden on business. The issue of securities must be approved by the Interstate Commerce Commission.

Fifth Restriction—Farmers have not been able to borrow money on as favorable terms as other business men and

the extra cost has been borne by the consumers of farm products. This burden is to be lifted by the proposed Farm Credits Bill.

Sixth Restriction—The country's development has been hampered by inefficient governmental conditions, one of which has been the control of election machinery by unscrupulous politicians. This is to be remedied by a National Primary Law and its natural developments.

This is a logical and comprehensive way to deal with the question. It is all interrelated and has one purpose to effect and that is the new freedom. Furthermore the President has gone about it in such a way that he has not antagonized any interest but has gained the confidence of all.

What with the new bond issues and the large improvements that are to be made the coming year things generally indicate better times. The Southern Pacific will expend 55 million dollars to prepare for the 1915 travel. Other corporations are likewise contemplating big outlays. As these things can not long be delayed the prospects are encouraging. The Annual financial review of the world that is issued by the London Times takes an exceedingly optimistic view. Commenting on the American situation it says:

"In the United States the outlook has brightened considerably in the last few weeks. In the words of our correspondent, the past year has witnessed the conversion of the country from a system of extreme to one of moderate protection, while the banking and monetary systems have been reformed. Though such legislation is bound to be unsettling, it has been carried out smoothly. Much is to be attributed to the personal influence of the President, and there are indications that he will approach the trust question in a conservative manner, and the result should be a renewal of confidence in American securities. As in other countries, an enormous shrinkage in securities has been experienced as a result of severe liquidation from abroad. Railway securities have also been affected by the increased cost of handling business due to extra wages and taxes. The high cost of living continues, and, though the index number shows a drop from a year ago, food prices are, on the whole, higher. The year has been a 'record' one as far as foreign commerce is concerned, the exports being greater than those of last year, though the imports are reduced. These, for the first four months of the fiscal year, show a marked falling off, in spite of the lowered tariff, though the increase of those classes of foodstuffs, such as meat and corn, on which the duty was reduced or removed were noticeable.

Harvests were good and the total value of agricultural products creates a new high 'record.'

Technical and scientific magazines are devoting a good deal of space to the 1915 Exposition. Notably among the things spoken of with high approval are the groups of statuary and the color schemes to be adopted. Illustrations of the great symbolical groups have been printed in the best magazines and have done much to arouse interest in the great show. The grounds with their lighting effects have also been the subject of much favorable comment. The setting of the fair will certainly be something to be remembered by the visitors and when the great color scheme blends with the distant hills and the sea and sky there will be a beauty and a harmony in the setting that has not been heretofore seen. These facts are seen by our visitors and the correspondents who are writing for the Eastern magazines. The grounds will soon take definite form and shape. And each day will see the unfolding of the plan that is to make the exposition a thing of marvelous beauty.

An earthquake of considerable magnitude has been felt in New York, extending as far west as the Mississippi and as far north as southern Canada. In fact, it has occurred in what is known as the oldest stratified rocks on the continent and in fact affected the oldest known stratified rocks in the world along the St. Lawrence river. This district has long been known to be practically immune from earthquakes as there have been no material changes in its structure for ages. Here on the Pacific coast where there is a mountain range of recent formation we naturally expect a few shakes now and then. Such things are incident to a country of recent geological birth. But in the oldest rocks the changes are less frequent. And the record of this shows that such phenomena are liable to occur any where in the world. In fact that the earth is now as it always has been, changes are sometimes accompanied by earthquake shocks that run along the faults and slips in the solid rock of the earth's strata.

Along with the report of the earthquake in the East comes the report of the finding of the fossil bones of a prehistoric man in asphalt beds of southern California. So that for the time being public attention is directed to a past geological age. The earthquake occurred in what is known as the Devonian shales of New York. The bones of the supposed human being antedate any record of man on this continent. So that both phenomena add materially to the sum of human knowledge. If the find is that as reported it will be a new basis for investigation into the antiquity of man.

Women's dresses are too much even for the king of Belgium. A press report states that Court dresses have been barred in Brussels by the monarch for the reason that women appeared in gymnasium gowns "with chests exposed and showing, not only two-thirds of the spinal column, but also the knees." When the successor of Leopold bars the fashions they must have reached the limits of extremes.

The Scientific American has issued a number dealing with a review of safety devices for machinery and the protection of the public and the workman. In view of the fact that employers' liability acts in this country are of the most recent enactment and have been the subject of much comment it is interesting to note what has been done in other countries as well as our own. Speaking of this fact the Scientific American gives the followings statistics:

From a chart which was exhibited by the Prudential Insurance Company of America at the recent International Exposition of Safety and Sanitation, it would follow that there are 25,000 fatal industrial accidents per annum in the United States, and some 300,000 injuries. The mere possibility of being able to state in statistics the approximate number of our industrial casualties is a step in advance; for as late as 1908 it was impossible to estimate with any accuracy at all what was the toll we paid in crushed limbs and snuffed-out lives. Now at least we know how vast is the problem to be solved, how much needless suffering we inflict and how much we lose in dollars and cents, because we have hitherto failed to realize the necessity of guarding men as well as machines.

It has been estimated that it costs about \$300 to train a skilled workman to perform a new task, and that ultimately he represents an investment of about \$2,000 to his employer. Considering the subject of accident prevention from this cold-blooded standpoint, our business policy has not been all too wise.

Now that there is an awakening of employers to the duty which they must exercise, now that employers' liability statutes have done away with the antiquated common law conception of negligence, we may watch for a very marked improvement in deaths and injuries.

Since the enactment of employers' liability laws making recovery sure in the case of accident and taxing the business with the cost of these matters the expense attendant upon failure to provide necessary appliances has been increased many fold. Hence it follows that these laws will result in safeguarding all machinery and appliances for workmen. In the end accidents will decrease and insurance will be reduced and the end desired will be effected, that of preventing of maiming and destroying human life.

The Chronicle speaks of the address of Uncle Joe Cannon on Lincoln's Birthday as that of a great patriot and says he speaks his full mind as to the present administration. It is certainly interesting to note who claim to be followers of Lincoln. The great President of 1861 has become immortalized in history because of the genius of his great common sense and his profound sympathy with the common people. Uncle Joe Cannon, who has been in public life ever since the war, is certainly a great example. He more than any other present public man has been responsible for the departure of his party from the principles that Lincoln promulgated. And certainly now that measures are being adopted to bring back the government by the people back to the people, he certainly has a consummate amount of gall to

criticize the people who have instituted reform, in a speech commemorating the birthday of the great commoner, Abraham Lincoln.

Cannon has the same old story of smashing prosperity and the full dinner pail. On that same old cry every advantage that Special Privilege has ever received has been obtained. Protect the trusts and then they will hand you out a biscuit at the back door if they feel like it. The resources of the country should be administered by the self appointed Lords of finance and unless they are given all the privileges they desire they will withdraw their money and then the country will go sliding down a greased plank to the demnition bow-wows.

It is interesting to imagine what attitude Lincoln himself would take on present day problems. It is a safe bet that he would be as far away from Uncle Joe as is President Wilson and that the ex-speaker's cry of smashing prosperity would be smashed by some homely story or illustration that would leave him wondering what had happened.

Contrasted to the speech of Uncle Joe Cannon in Illinois is that of Governor Hiram W. Johnson at Los Angeles on the same day. Quoting extensively from the public utterances of the great commoner at the formation of the Republican party he draws an exact parallel with the conditions that confront the new Progressive party today. In felicitous phrase and eloquent argument he shows how Lincoln stood for the common people and the right, how he had the courage and the foresight to step out at the head of a new party that stood for right principles and to cast aside a party name when it no longer meant any thing to the people. The two speeches are as far apart as the poles and represent the two ideas in American politics today.

FOREST NOTES.

The legislature of Virginia and South Carolina are considering advanced forestry legislation.

Incense cedar is proving valuable for piling on the Pacific coast where marine borers are particularly troublesome.

The paper used by the government printing office each year required approximately 125 million pounds of rag pulp and 490 million pounds of wood pulp.

F. A. Elliott, state forester of Oregon, says that co-operative fire patrol associations among lumbermen for prevention of forest fires have proved their worth.

Of 606 fires last year on the national forests of Arizona, New Mexico, and Oklahoma, more than one-half were caused by lightning. Campers set about one-tenth, and railroads one-twentieth.

Roadside signs, each containing a single catchy sentence in large type, are proving effective in warning against fires on western forests. They give the essentials and tell the importance of protection against forest fires.

"TODAY AND YESTERDAY."

The Profession of Architecture as Viewed by an Ardent Craftsman.

By W. Marbury Somervell, A.A.I.*

*Architect, of Somervell & Putnam, London Building, Vancouver, B. C.

In order to definitely determine the status of the architect of today, be he of whatever nationality, it is necessary to run over briefly a history of the profession of Architecture, and, if fault be found with the position of the practitioner at the present time, perhaps an analysis of what has gone before may be of use in finding a solution out of the difficulties of the present.

The Architect, as we first see him in history definitely defined, seems to have been so closely allied with the painter and sculptor that he appears to have been almost a composite sort of person. It may be that given the simplicity of existence which obtained up to the Middle Ages, many of the Architects of today would be equally as proficient in all things aesthetic, for, certainly, our art requires the highest development of the faculties of both painter and sculptor.

The age following the downfall of the Roman Empire, and leading up to the rise of the Gothic period, was essentially the age of craftsmen, and we see the Architect, sometimes a monk, again a mason, but always a worker evolving new ideas, and striving with the best there was in him to express his inspiration in the materials at hand.

Later on, with the Renaissance, came a wonderful revival of spirit or interest in things beautiful, which produced the great architect-painter-sculptor group of Michael Angelo, Raphael, Bramante and others. These men, of wonderful talents, became pre-eminent in their arts spontaneously, but their rise was no doubt due in a measure to the fact that the Renaissance affected the whole of the people, and a discriminating public assisted materially in giving them recognition. In these times, with the complexities of life thrust upon us by advanced civilization, the inspiration which created the Art of these men is denied most of us, but, in them, it shines forth in all their efforts.

In the Seventeenth Century Architecture, as a profession, at first comes under our notice. At this time, aside from the specialists in Architecture, there arose a class of dilettant men of means and antecedents, whose minds were bent on all the serious questions of the day; whose education was deemed incomplete unless they had acquired some smatterings of our art, and some of these men developed talent of no small order. It was this phenomenon which gives us the architectural ruminations of Sir Francis Bacon, which gave Sir John Evelyn so much material for that delightful picture of 17th Century life contained in his diary. Thomas Jefferson, the founder of Democracy in the United States, is an exponent of this class, familiar to all of us who have traveled in Virginia. Gentleman, farmer, statesman and scholar, he designed several very noteworthy buildings in his time. The University of Virginia, the State Capitol at Richmond, Virginia, and his home, "Monticello," will equal many,

and exceed many more residences built in this day of ambition and opportunity.

Infro James, Sir Christopher Wren and the other great lights of English Architecture, belong to this period, and were fortunate in being able to maintain their good works and position through a cultured patronage, and the appreciation of a grateful public.

The latter part of the 18th and the early part of the 19th centuries mark what may be called the dark age of Architecture. This might be ascribed to many causes, but probably was the effect of a general unrest in the rearrangement of our entire civilization along industrial lines—to the various chisms which divided the ranks of the profession, and to the reaction from a phase of civilization in which men had been led, to one where they were beginning to think for themselves.

However this may be, the profession of Architecture developed into a school of pedantry, of narrow views on style; and the introduction and use of new and unfamiliar materials added confusion to what was already an amorphous professional situation. The education of the Architect, too, at this time did not tend to bring out what was best in men, and when a large building was to be built, the information at hand regarding practical materials, to say nothing of the question of design, was most meagre. Verily, he who in this period undertook an important commission, was a brave man, and all honor should be shown him, who at this time, produced results more than commonplace. I remember very well hearing my old patron, James Remick in New York, say that when he undertook St. Patrick's Cathedral of that city, in the 40's, there were only two books to be gotten on Gothic Architecture in the city, and these books with what he had absorbed by a few years' travel in Europe, furnished all the data which he had at his command when he designed the Cathedral. The result may be open to many criticisms now, but, still, the building is, considering its date, one of the most effective churches in America. If it be lacking in proper detail, compared with the prototypes which inspired its design, it nevertheless shows what few buildings show in these times, a vast amount of conscientious work and study.

The profession of Architecture at this time was taken up, both here and abroad, by men of means, and only those who possessed real talents, who loved their work, rose to the top; the others maintained only a nominal practice.

During the 60's, both in England and the United States, the development of the use of new materials, the consolidation of industries, with the consequent production of wealth, created a new demand for buildings, along new lines. Universal education, and the feeling of democracy had been bringing to men of all classes, an ambition never before witnessed en masse in the

history of the world. Professions which had been practiced only as a genteel pastime, or an outlet for cultured dilettantism, now became peopled with earnest, hard working men, and Architecture was the first to feel the stimulus given by its infusion of new blood. Courses of study in the universities became better organized, foreign travel was encouraged and a revival of interest in things aesthetic extended over the whole world.

For the first time in history Architects were not afraid nor felt ashamed to stand forth boldly to say: "I have been consecrated to a great profession, and am willing to contribute what I know to the world in return for what recompense it will allow me. If my brother professional men, the physician, the lawyer and the clergyman, can accept a living for their work why should I be too modest to accept a competence as my return?"

Since this spirit first had its birth, great changes for the betterment of mankind have taken place. Cities have been called upon to rearrange their plans—congestion of traffic had to be relieved—hygienic buildings had to be evolved to meet the demands of a more mature understanding of nature's laws. In each case, the Architect has met the situation and found the solution as it applied to his art, boldly and directly. Yet, what today is his recognition by the public, which has so benefitted for centuries from his unselfish zeal and poorly repaid efforts?

Among Architects, and cultured laymen alike, it has long been a subject of regret that architecture, of all the arts, is the least appreciated. There is no profession which requires of a man so much talent and so laborious apprenticeship; none which requires so costly and conscientious training. No lawyer or physician is called upon to handle affairs more important to the public welfare than is the Architect—yet, in view of what he does, none is so poorly paid or esteemed as he is.

I found a newspaper clipping from one of the great daily papers not long ago which dealt to some length with the oblivion on the part of the public to the profession of Architecture and its lack of recognition of our efforts. It is a reassuring sign that a prominent New York newspaper should give such a matter more than passing thought, to say nothing of its having actually found space to say something in our behalf.

There can be no doubt that a reason must exist for first, the manufacturers have not arrived at a point of the apathy of the public. There must be something to be said on their side, or surely this subject would not come up for discussion. When we consider that the public are poorly informed as to our work and efforts—when we realize that we are looked upon as only a necessary evil in most cases,—when we think of the many poorly trained and inadequately equipped

men who are practising in the name of art,—is there any wonder that we are often misunderstood? The worst feature, too, is that like other callings, the best suffer always on account of the shortcomings of the worst—and the whole is often judged by the standard maintained by the lowest of our calling.

To overcome their prejudices we must first of all educate the public as to our importance to them and to the civilization of the times. We must be businesslike in meeting our obligations, and we must always bear in mind that we are, in a manner, the custodians of large amounts of money. On our decision and our conscientiousness in administering this trust depend great losses or gains to our clients; and if we be careless or ignorant fail to render honest and impartial service, we will not alone suffer in our own reputations, but will bring into discredit all of our brother practitioners.

In all things we must guard against losing sight of the fact that no matter how businesslike and practical we choose to be, we are essentially artists. Our profession is an old and honored one. We must not, in the feverish haste of modern methods, allow our lamp to be dimmed, difficult as it is to keep alight. To him who has enthusiasm, the work, the study, the care in cherishing the highest professional ideals should be a joy, and one needing no further reward. If the world crown us with laurels or shower good fortune upon us for our efforts, let us accept them with a dignity and modesty worthy of our profession; and if we pass out unknown or unrecognized let it be at any rate in the knowledge that we have performed our task to the best of our ability. Our example, too, is not without some responsibility. Who knows what budding "Phidias" may be inspired to consecrated effort by witnessing our struggles for higher ideals? We not alone have the task of keeping our lamp alight, but we are burdened with the responsibility of seeing that it is passed on to worthy hands in the next generation.

The ancient Greeks, you will remember, had a game, the *Lampadephoria*, where runners took torches lighted at the altars of Prometheus, Athena and Hephaestus and passed them from hand to hand until the winning post was reached.

Thus it is for us to so train ourselves that when the torch passes into the hands of the coming generation it may be fanned into more vigorous life and shine again with all the splendor and brilliancy of the great ages of Architecture. — From *The Architect, Builder and Engineer*.

Two hundred and six conventions now have been formally booked to meet in San Francisco in 1915 during the progress of the Panama-Pacific International Exposition. The last convention to be secured by James A. Barr, manager of the Bureau of Conventions and Societies of the Exposition, is that of the National Conference on Weights and Measures, which is composed of State weights and measures inspectors, city inspectors of weights and measures, manufacturers of weighing and measuring apparatus and federal officials.

PUBLIC UTILITY COMMISSIONS AND PUBLIC SERVICE CORPORATIONS.

A Review of the Better Business Relationship Between Public Utilities and Their Customers Resulting from Commission Control.

By W. D. Seatt.

The public service business as a whole can be considered a comparatively recent development. Until within the last few years the executives and stockholders of public service corporations regarded inquiries concerning their business by individuals or government authorities an infringement of their personal or charter rights. This spirit, when evinced by individuals or smaller corporations, could not, in itself, be regarded as harmful to the general public. In a measure, no doubt, the attitude of the larger public service corporations was an outgrowth of the sentiment of the individual which dislikes public criticism of private matters, which feels that his business, is his business, and if through accommodating a greater number of patrons his business nets him a better rate of return, then, the methods which he uses are his methods and are not subject to regulation by others.

With the increased volume of business under one control which follows the consolidation of small industries into larger ones, and the fact that a great many of the so-called public-service corporations of today are of necessity in the nature of a monopoly, considerable injustice might result to a large number of people should the judgment or sentiment of these corporations not be based on a broad minded and liberal policy.

The very fact that the complexity of the business does not permit of all of the customers being taken into the confidence of the corporation, and does not permit of the various operating steps of the corporation being fully and carefully explained, has resulted in many misunderstandings and much dissatisfaction.

A large corporation must of necessity deal in averages. It is particularly difficult to convince an individual customer, who has a complaint, that it is only reasonable that mistakes and errors will occur. If this customer is treated as an average case and is shown that his complaints are known, that he represents but an average unit out of the total number of units, a natural sense of dissatisfaction results. He must be treated as an individual.

Laying aside all matters of finance and questions of deliberate dishonesty, restate promises of promoters and the sale of service for less than actual cost, the customers of public service corporations have, in many instances, come to distrust the officials and employees of corporations. This misunderstanding has often resulted through the fact that the particular employee, who met and answered the complaints of the particular customer, did not occupy a position which enabled him to have all the facts at hand for explaining the ways and means of the company's policy.

With subdivision of authority and

minute specialization it becomes difficult to educate a sufficient number of employees, whose general knowledge of their particular business is broad enough to enable them to discuss intelligently the business policy and methods of their particular company. In many instances even the men who occupied the larger executive positions were in doubt as to just why a certain charge for service was a reasonable charge or why a certain line of policy was best for all of the customers. The principal difficulty existed through their inability to present their side of the case from their customer's point of view.

When rate investigations were first started with common carriers a phrase was used in connection with the matter of establishing rates which called forth considerable adverse comment. "All the Traffic Will Bear," was the term which brought down upon a great many railroad officials very severe criticism. If, at the inception of such investigations the larger executives had been able to explain that this phrase did not mean all of the possible revenue to be extracted from any given set of customers, irrespective of its effect on the prosperity of the community in general or the common carrier in particular, a large amount of unjust criticism would never have been made.

There is none but will concede, that, in order to exist, and in order to secure the necessary capital for future extensions, any utility must receive sufficient revenue to enable it to satisfactorily carry on its business and earn a return upon its investment which will satisfy the investors who placed their money in the business and expect security and income.

If the phrase "All the Traffic would Bear," was translated to mean not greedy extortion by overcharges, but the minimum rate which would insure a reasonable return upon the investment and at the same time put the extension of the company's business to its greatest possible limit for the benefit of the whole community no such odium as now exists would be attached to it.

When some customer brings up a particular rate for a particular class of service and the public service corporation is not able to show definitely and exactly that the rate or charge is based on service costs, the customer or individual naturally begins to suspect that other statements made by any representative of any corporation are subject to investigation.

The general dissatisfaction among the customers of large corporations has brought into existence various regulating bodies. These regulating bodies investigate the condition of the corporation, both from the question of rates charged to customers and from the question of financial responsibility to investors. The customer and investor have more confidence in a statement made by a third or disinterested party; has come to learn that rulings as handed down by the various commissions are not the matter of snap shot judgment, but are judgments rendered after due deliberation and the presentation insofar as possible, of all facts bearing on any particular case. Various regulating bodies maintain inspectors or representatives, who ex-

plain the physical operations necessary to serve the customers of any utility. Operating difficulties are explained and made clear not by a supposedly biased employee, but by someone whose position inspires confidence.

The right minded public service corporation cannot help but feel that through this representation it has the best advocate before the people that, up to the present time, has been considered. Without public confidence, no matter how hard its officials and employees may try to render adequate service, their difficulties will be constantly increased. They may render the best possible service at a reasonable charge but due to the fact that they are not able to give that personal touch to all of their business relations, which exist in small companies, they will never gain the complete good will of all their patrons.

The bright light which has been thrown on a number of corporation practices, the publicity given by investigations of public service commissions and the presentation of the real facts, has been of much assistance towards helping solve many of the unsolved problems for enterprises which are endeavoring to give a satisfactory service to the public.

It took some time at first to overcome the spirit of the individual who resented outside investigation and to establish the fact that a public utility should be managed for the public good. If the various regulating bodies may achieve but this one thing—the return of the confidence of the general public, their efforts and the expense entailed will be worth while.

The publicity given all public service matters cannot but help but bring about a higher standard of business honesty and promote a spirit of fairness to all.

There has been a general awakening on the part of public service corporations that their motto can never be "The Public Be Damned," but "The Public Be Served."—Paper read before a joint meeting of the Portland section A. I. E. E. and N. E. E. L. A.

EXPOSITION NEWS NOTES.

President Charles C. Moore has received official notice from the Department of State in Washington, D. C., confirming the prior unofficial announcement that the Republic of Venezuela will participate officially in the exposition.

The Missouri commissioners to the exposition, who visited San Francisco a few days ago in the interest of their state's participation, were surprised at the rapid progress of the exposition builders both in actual building construction and in the perfection of all other plans. They were elated with the site of the Missouri pavilion, bordering San Francisco Bay, and declared that the construction of their state's building would be commenced as soon as possible.

Bids for the construction of Festival Hall, which is to be one of the most magnificent buildings of the Panama-Pacific International Exposition, were opened February 2nd, 1914. The construction will be rushed.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$14,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner's name withheld. The building will be erected on a lot 23 by 120½ feet situated on the south side of Filbert street between Hyde and Leavenworth streets. Plans provide for six apartments arranged in suites of four rooms each. Interior finish will be of pine with some oak floors and elm panels. There will be steam heat, portable vacuum cleaners and a hot water supply. Bath rooms will be finished in tile and will have composition floors. All suites will have wall beds. Entrance will be finished in marble and tile. Exterior of the building will be covered with brick veneer and cement plaster on metal lath. Plans are nearly complete and figures will be called for within a week or ten days.

SAN FRANCISCO—Apartment house, 4 story and base, reinforced concrete, \$25,000. Architects, Rousseau & Rousseau, Monocedon Bldg., S. F. Owner, Mr. A. C. Selig. The building will be erected on the south side of Eddy street between Jones and Leavenworth Sts. Several suites besides the main entrance and lobby will occupy the first floor. Upper floors will be arranged for two and three room suites with wall beds and private bath rooms. Interior finish will be of pine and hardwood veneer. Oak floors will be used in the living rooms. There will be steam heat, an automatic elevator, hot water supply and vacuum cleaning. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house alterations, frame construction, \$8,000. Architect, none. Owner, Charles Katz, 2440 Dolores street, S. F. This work will consist of rearranging the present three story frame store and apartment house located on Mission street south of 17th into a modern building. Upper floors will be subdivided into 18 suites. The work will include new partitions, plastering, mill work, carpentry, plumbing, electric work, painting and wall beds. Fire escapes, patent store fronts and plate glass windows will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

SAN FRANCISCO—Apartment house alterations, frame construction, \$7,000. Architect, J. B. Randall, 1337 Palm street, S. F. Owners, J. M. and E. M. Branscombe. The work will include both interior and exterior alteration. There will be new plumbing, painting, plastering, mill and carpentry work and electric wiring. Patent store fronts and wall beds are specified. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick and steel, \$70,000. Architects, Webb & O'Neil, Lankershim Bldg., L. A. Owner, A. S. O'Neil. The building will be erected on Figueroa street near 4th, covering an area of 46 by 120 feet. The building will contain a total of 120 rooms arranged in two and three room suites. Interior will be finished in pine and hardwood with marble and ornamental plaster in the lobby. There will be steam heat, a hot water supply, vacuum cleaning system and electric elevator. All suites will have private bath rooms and wall beds. Bath rooms will have tile wainscot and composition floors. Metal window sash and frames are specified. Exterior of the building will be faced with glazed brick. Plans are now being prepared.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick. Cost not stated. Architects, Architectural Designing Co., Grosse Bldg., L. A. Owner's name withheld. The building has been designed to contain thirty suites of two and three rooms with baths, and will be erected near St. James Park, covering an area of 60 by 105 feet. Interior finish will be of pine and redwood. Oak floors will be used in the principal rooms. Plans provide for steam heat, wall and disappearing beds and vacuum cleaning. Bath rooms will have tile wainscot and composition floors. Marble and tile will be used in the entrance. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick, \$40,000. Architects, Western Architectural and Building Co., Coulter Bldg., L. A. Owner, Mr. Newton. The building will be erected on South Bonnie Brae street, and will be arranged for 68 rooms, divided into two and three room suites. Interior will be finished in pine with some elm panels. Oak floors will be used in the halls and living rooms. There will be steam heat, a hot water supply and vacuum cleaning. All suites will have wall beds and private bath rooms. The wainscot and composition floors will be used in the baths. Tile and marble will be used in the entrance. Exterior of the building will be faced with pressed brick. Plans are complete and work will be carried on by Day Labor under the direction of the architects.

SEATTLE, WASH.—Apartment house, 4 story and base, brick and steel, \$45,000. Architect, W. H. Miller, Arcade Bldg., Seattle. Owner, F. F. Adams. The building will be erected on Marston street and will have a frontage of 60 feet by a depth of 120 feet. Only preliminary sketches have been prepared, but these show in the neighborhood of thirty suites of two, three and four rooms. Interior finish will be of pine and hardwood with oak floors. There will be steam heat, elevator service and a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are being prepared.

PORTLAND, ORE.—Apartment house, story and base, brick and steel. Cost not stated. Architects, Claussen & Claussen, Macleay Bldg., Portland. Owner, Mrs. C. Brown. The building will be erected at the corner of 15th and Lowndale streets, and will cover a large ground area. Each of the upper floors will be divided into nine suites of from two to four rooms and bath. Provision has also been made for three small suites in the basement. Interior will be finished in pine and hardwood. There will be elevator service, dumbwaiters, vacuum cleaning system, hot water supply and steam heat. All suites will have private bath rooms and wall or disappearing beds. Bath rooms will have composition floors and tile wainscot. Marble and tile will be used in the entrance. Exterior of the building will be faced with pressed brick. Plans are being prepared.

PORTLAND, ORE.—Apartment house, 3 story and base, brick, \$35,000. Architects, Claussen & Claussen, Macleay Bldg., Portland. Owner, I. Holzman. The building will be erected at the corner of 21st and Overton streets, covering a ground area of 50 by 100 feet. Interior will be arranged for a large number of two and three room suites, all of which will have private bath rooms and wall beds. Pine and hardwood veneer will be used for interior finish. Some oak floors will be specified. Plans provide for steam heat, a hot water supply and vacuum cleaning. Bath rooms will have tile wainscot and composition floors. Marble and tile will be used in the entrance. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

Contracts Awarded.

SEATTLE, WASH.—Apartment house, 6 story and base, reinforced concrete, \$75,000. Architect, none. Owner, W. D. Perkins, Contractor, David Dow, 21st avenue and Spruce street, Seattle. Contract price, \$75,000.

BATH HOUSES.

SAN RAFAEL, MARIN CO., CAL.—Bath house, 1 story, reinforced concrete, \$25,000. Architect, Thomas O'Connor, 104 D street San Rafael. Owners, City of San Rafael. Bids were opened by the Trustees of San Rafael on Monday evening, February 9th, for the construction of the reinforced concrete bath house. Bonds in the amount of \$25,000 were recently voted, but as the lowest bid received was in excess of \$25,000 no contract was awarded. Checks of the three lowest bidders were held and definite action will be taken at the next meeting. A complete list of these figures will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

BRIDGES AND DAMS.

SAN MATEO COUNTY, CAL.—Bridges, reinforced concrete. Cost not stated. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Plans have been completed and approved for two small reinforced concrete bridges which are to be erected in San Mateo County. One bridge will be erected in Woodside on the Redwood and La Honda Road and the

other on the La Honda and San Gregorio Road. Plans and specifications can be secured by addressing the County Clerk. Bids will be opened on March 2nd at 10 a. m. Official proposals appear in another column of this issue.

VANCOUVER, B. C. Bridge, steel and concrete, \$200,000. Engineer's name not given. Owners, City of Vancouver. Plans and specifications are now ready for contractors to figure on the proposed Second Narrows bridge, which calls for a structure provided with a single line of steam track, two lines of electric track, two lines of roadway, a footway, together with the necessary approaches thereto, as well as the machinery for the opening span of the bridge and other incidental work. Plans are now out for figures and can be secured from the City Clerk.

KELLOGG, ORE.—Bridge, steel and concrete, \$35,000. Engineer, County Surveyor, Roseburg. Owners, Douglas County. The bridge is to span the Umpqua River at Dimmick Ferry. The main span will be of steel construction and the approaches and retaining walls of reinforced concrete. Provision has been made for a twenty-foot roadway and two four-foot walks. Plans are now being prepared and figures will be called for shortly. Complete particulars can be secured from the County Surveyor at Roseburg.

WENATCHEE, WASH.—Bridge, steel and reinforced concrete, \$30,000. Engineer, County Surveyor, Wenatchee. Owners, Chelan County. Plans and specifications have been adopted by the County Commissioners for a steel and reinforced concrete bridge, and bids will be called for about March 1st. The engineer's estimate shows that about 100 tons of structural steel and 2,500 cubic yards of concrete will be required. Full particulars can be secured from the County Surveyor at Wenatchee.

VENTURA AND SANTA BARBARA COUNTIES, CAL.—Bridge, reinforced concrete. Cost not stated. Engineer, William H. Thomas, L. A. Owners, Ventura and Santa Barbara Counties. Plans have been completed and have received the approval of both Boards of Supervisors for a three hinged reinforced concrete bridge which is to be erected over Rincon Creek on the State Highway. Plans can be secured from the engineer. Bids are now being taken and will be opened on March 2 at 2 p. m.

REEDLEY, FRESNO CO., CAL.—Bridge, wood construction. Cost not stated. Engineer, County Surveyor, Fresno. Owners, Fresno County. The County Surveyor has been instructed to prepare plans for a pile and wooden bridge which is to be constructed over the lower Kings River near Reedley. Bids will be called for as soon as plans can be completed. The old bridge was washed away during the recent heavy storms and trade with the upper country is being badly handicapped.

Contracts Awarded.

SAN FRANCISCO.—Pier alterations, \$14,720. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Bids opened at the last meeting of the State Board of Harbor Commissioners for widening pier No. 54 show Healy-Thibbitts Construction Co., S. F., low at \$14,720. They were awarded the work. A complete

list of bids opened will be found under the heading of San Francisco in this issue.

CHURCHES.

LA GRANDE, ORE.—Church, 1 story and base, brick and concrete, \$60,000. Architects, Houghtaling & Dungan, Henry Bldg., Portland. Owners, Church of Our Lady of the Valley. The church will be of the Gothic style, 45x120. Exterior finish will be of pressed brick trimmed with terra cotta or cut stone. Basement will contain janitor's quarters, heating plant and storage rooms. Main auditorium will have a seating capacity of 550. Altar and communion rail will be of onyx. There will be a choir loft which will have a large pipe organ. Bids will be called for about May 1st, all work to be bid under separate contract. The parish house will be a two-story brick and will contain twelve rooms. All modern conveniences will be installed.

FACTORIES & WAREHOUSES.

SACRAMENTO, CAL.—Packing plant, 2 to 4 story and base, reinforced concrete, \$200,000. Architect, James Seidler, Sacramento. Owners, Swanston Meat Packing Co. The architect has completed the plans for the new packing plant which is to be erected on the Swanston Meat Packing Co. on the property recently purchased by them in the Haggin Grant. Construction will be of steel and concrete. The structure will be 320 feet long and 60 feet wide. Equipment and building will represent an investment of \$200,000. On the main floor will be installed the \$25,000 worth of machinery necessary to operate the plant. There will also be a large casing room for the preparation of the meats, and at one end will be a large cold storage room. The second and third floors will be devoted principally to the killing of the cattle. The knocking pens and other devices for killing are all equipped with drains. Above all the killing pens will be a platform for an inspector of the meat. The platform will be so located as to allow the inspector to oversee the killing in all pens. If he is doubtful as to the appearance of any of the animals, they will be kept over night in a separate room and thoroughly examined again in the morning. The fourth floor will be devoted to ice making. Between eight and ten tons daily will be manufactured for the company's use. A large chute from the top floor will convey the ice directly into the interior of the refrigerator cars on the railroad tracks below.

LONG BEACH, LOS ANGELES CO., CAL.—Cold storage plant, 1 and 2 story, brick. Cost not stated. Architects, C. M. Gay & Son, 335 Towne avenue, L. A. Owners, Home Ice and Cold Storage Co. The building will cover a considerable ground area and will house the ice making equipment and cold storage departments in separate sections of the building. Equipment will call for compressors, engine, two boilers, pumping and refrigerating equipment. Interior will be finished in pine. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

SEATTLE, WASH.—Steam plant, 2 story and base, reinforced concrete, \$50,000. Architect, City Architect, Seattle. Owners, City of Seattle. The building will cover an area of 83 by 93 feet and will be of fireproof construction throughout. Metal window sash and frames and cement floor is specified. Contracts for the machinery have already been awarded to C. C. Moore & Co. and Allis-Chalmers Co. at a cost of approximately \$190,000. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

VANCOUVER, B. C.—Ship yards, etc., \$100,000. Architect, N. A. Leech, 615 Pender street, West Vancouver. Owners, English Syndicate represented by Kenneth E. Burnett, J. D. Burdis and J. D. McGee. The plant will be erected on a site on the north arm of the Fraser River near Sea Island. An option has been secured on the site, but only preliminary plans for the plant have been prepared. Further mention will be made of this work.

FIRE HOUSES.

BAKERSFIELD, KERN CO., CAL.—County jail, 2 story, base and mezzanine floor. Class A construction, \$150,000. Architect, Orville L. Clark, Brower Bldg., Bakersfield. Owners, Kern County. The Board of Supervisors recently selected the designs of Architect Clark for the new County Jail and awarded the second prize to Thomas B. Wiseman of Bakersfield, \$250, and third prize to J. W. Dolliver of San Francisco, \$125. The building will be classic in design, of reinforced concrete construction faced with terra cotta. Floors and roof slabs will also be of reinforced concrete. Interior partitions will be of hollow tile and metal lath and plaster. The structure will cover an area of 112 by 100 feet. Basement will contain mechanical room, engineer's quarters, fumigation and bath rooms, armory, storage space and garage. The sheriff's office, general office, three deputy's offices, jailor's rooms and two tiers of steel cells will occupy the first floor. Second floor will be arranged for wash room, dining rooms and kitchen and quarters for the female prisoners. Interior finish will be largely of metal and hardwood. A hospital and cells for inebriates are also provided for in the plans. There will be a steam heating system, vacuum cleaning and hot water supply. Plans are complete and out for figures. Bids close March 6th.

GOVERNMENT WORK AND SUPPLIES.

Removing Rock

Bids for removing Centisima rock near entrance to San Francisco Bay were received by Thomas H. Rees, Lieutenant Colonel of engineers, U. S. army, San Francisco, Cal., as follows: Standard American Dredging Co., Merchants' Exchange, San Francisco, Cal., \$61,500.

Regulating Device.

Abstract of bids for material for balanced-valve regulating device for Salt River project, under advertisement 267:

Advance Machine Co., Los Angeles, Cal., \$120; 30 days, Los Angeles.

Maine Machine Works, Los Angeles, Cal., \$132.50; 15 days, 2 per cent 10 days, Los Angeles.
Fulton Machine Works, Los Angeles, Cal., \$195; 20 days, Los Angeles.
Llewellyn Iron Works, Los Angeles, Cal., \$198; 21 days, Los Angeles.

Cable, Reclamation Service.

Abstract of bids for 1,500 feet triple-conductor cable for Rio Grande project, opened at Los Angeles, Cal., under advertisement No. 266:

General Electric Co., Los Angeles, Cal., \$369; at Engle, N. Mex., 8 weeks.
Pierson-Roeding & Co., Los Angeles, Cal., \$275; at New York, N. Y., 20 days; reels, \$10.

Standard Underground Cable Co., Los Angeles, Cal., \$380.25; Perth Amboy, N. J., 4 to 5 weeks; reels, \$15.
City of Los Angeles, Los Angeles, Cal., \$435; at Los Angeles, 1 day.

U. S. Steel Products Co., Los Angeles, Cal., \$495; at Worcester, Mass., 22 working days; reels, \$10.

Army Work Authorized.

The quartermaster general has approved the following projects: Bids for same will be opened by the officers indicated and to whom only inquiry should be made. The work will be placed on the market at the earliest possible moment.

Fort Worden, Wash., construction of one four-set officers' quarters and two double sets non-commissioned officers' quarters. Under the constructing quartermaster of the post.

Magazine Building, Mare Island.

An advertisement appears elsewhere in this issue calling for bids to be opened March 7 at the bureau of yards and docks, Navy Department, for the construction of a magazine building at the navy yard, Mare Island. The building shall be one story in height and consist of reinforced concrete piers, girders, and subfloor, on which rests the brick walls, wooden sleepers, and tongue and groove flooring; steel trusses and purlins carrying wood sheathing and built-up asbestos roofing, lighting aeriels and conductors; ventilators, windows and doors; fireproof outer doors and shutters; copper gutters and down spouts and a wooden platform. The general dimensions of the building shall be 52 feet 2 inches wide by 102 feet 5 inches long over outside of brick walls and about 15 feet 9 inches from grade to eaves line.

Cement, Reclamation Service.

Abstract of bids for 250,000 barrels of Portland cement received by the United States Reclamation Service, Denver, Colo., on January 15, 1914:

Ash Grove Lime and Portland Cement Co., at Chanute, Kans., 85c per bbl, net.

Atlas Portland Cement Co., at Hannibal, Mo., 96c.

Colorado Portland Cement Co., at Portland, Colo., \$1.

Dewey Portland Cement Co., at Dewey, Okla., 82c.

Henry Cowell Lime and Cement Co., at Bay Point, Cal., \$1.40.

Inland Portland Cement Co., at Metairie Falls, Wash., \$98.

International Portland Cement Co., at Irvin, Wash., \$1.40.

Iola Portland Cement Co., at Iola, Kans., 89c.

Lehigh Portland Cement Co., at Mason City, Iowa, \$1.

Ogden Portland Cement Co., at Bakers, Utah, \$1.33.

Pacific Portland Cement Co., Con., at Toleno, Cal., \$1.40.

Santa Cruz Portland Cement Co., at Davenport, Cal., \$1.40.

Portland Cement Co. of Utah, at Salt Lake, Utah, \$1.28.

Southwestern Portland Cement Co., at El Paso, Tex., \$1.50.

Standard Portland Cement Corp., at Napa Junction, Cal., \$1.40.

Superior Portland Cement Co., at Concrete, Wash., \$1.50.

Three Forks Portland Cement Co., at Trident, Mont., \$1.20.

Union Portland Cement Co., at Devil's Slide, Utah, \$1.33.

United States Portland Cement Co., at Concrete, Colo., 96c.

Universal Portland Cement Co., at South Chicago, Ill., or Buffington, Ind., \$1.06 in sacks, and \$1.04 in bulk.

Western States Portland Cement Co., at Independence, Kans., 95c.

Steel Bars, Boise Project.

The following bids were opened by the Reclamation Service, Boise, Idaho, under specification No. 253, for furnishing steel reinforcing bars for the Boise project, Idaho:

Bid 1. Paul J. Kalman Co., Pioneer Building, St. Paul, Minn.

2. Jones & Lockland Steel Co., 440 W. Lake street, Chicago, Ill.

3. Al H. Hoffman, Wilmo Supply Co., Seattle, Wash.

4. Inland Steel Co., First National Bank Building, Chicago, Ill.

Item 1. 8,500 pieces $\frac{3}{4}$ -in plain steel bars, approximate weight 490,000 lbs—

Bid 1. 1.32c; 2. 1.15c; 3. 1.2c; 4. 1.25c.

Unit, including freight to Boise—Bid 1. 2.015c; 2. 1.97c; 3. 2.0762c; 4. 1.935c.

Total including freight—Bid 1. \$9,873.50; 2. \$9,653; 3. \$10,173.72; 4. \$9,481.50.

Shipping point—Bid 1. Chicago; 2. Pittsburgh; 3. Towanda; 4. Indian Harbor, Ind.

Time first car—Bid 1. 8 days; 2. 30 days; 4. 10 days.

Second car to follow—Bid 1. 7 days; 2. 60 days; 4. 25 days.

Item 2. Alternative for same material—Bid 1. 1.23c; 2. 1.3c; 3. 1.2c; 4. 1.3c.

Unit, including freight—Bid 1. 2.015c; 2. 2.02c; 3. 2.076c; 4. 1.935c.

Total—Bid 1. \$9,873.50; 2. \$9,898; 3. \$10,173.72; 4. \$9,726.50.

Shipping point—Same as for item 1.

Time first car—Same as for item 1.

Time second car—Same as for item 1.

Canal Requisitions.

The Isthmian Canal Commission will soon call for bids for the purchase of the following supplies and material:

1 14-in Venturi meter, complete, with all accessories.

1 12-in Venturi meter, complete, with all accessories.

A quantity of metal cases and shelving for permanent storehouse.

10 sets creosoted switch ties, sawed for standard No. 10 turnout, as per specifications.

50 sets creosoted switch ties, sawed for standard No. 7 turnout, as per specifications.

50 vanadium steel driving springs locomotives.

A quantity of frames, sash, casements, doors, and screens for same,

covering a total of 912 openings, required for four substations in accordance with specifications and drawings.

Ornamental bronze work for administration building, consisting of ornamental bronze and elevator fronts, etc.

A number of cast bronze letters for main entrance and two directory boards at main entrance of administration building.

Approved Projects.

The following bills have passed both houses of Congress and will be approved by the President:

H. R. 11316, authorizing the construction of a bridge and approaches thereto on the Columbia River at or near Vancouver, Wash., by the Missouri, Kansas & Texas R. R. Co.

Additional Pier at Cristobal Terminal.

At a meeting of the board of directors of the Panama Railroad Company, held in New York City on December 22, the construction of an additional pier in the dock system at the Cristobal terminal was authorized at a cost of approximately \$1,100,000. This pier will be of about the same size as pier No. 8 and, although there will probably be some modifications as to details, the plans, in general, will conform to those for piers Nos. 8 and 9, now nearing completion. Borings on the site of the proposed pier, which will be separated only by the width of the slip from pier No. 8, directly south, have been begun. Mr. T. B. Monniche, formerly designing engineer in the department of construction and engineering, in charge of the details for the emergency dam, was transferred, effective December 31, 1913, to the Panama Railroad and will have charge of the design of the new pier.

The matter of abandoning the old Colon docks of the railroad company on or about January 1, 1919, came up at the directors' meeting on December 22, but in view of the fact that it will be 12 months or more before dock No. 7 can be completed, definite action was postponed until a later date.

—HALLS & SOCIETY BLDGS—

OAKLAND, CAL.—Auditorium, 1 and 2 story and base. Class A construction. Cost not stated. Supervising Architect J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. The following firms have applied for plans and specifications for the work on the Oakland Municipal Auditorium. Bids are to be opened on February 26th. Lewis A. Hicks Co., Foster-Vogt Co., Williams Bros. & Henderson, Sound Construction and Engineering Co., Van Sant-Houghton, Clinton Fireproofing Co., F. Rolandi, Newsom, Wold & Kohn, L. A. Norris Co., and McLaren & Petersen.

LOS ANGELES, CAL.—Lodge hall and stores, 3 story and base, brick. Cost not stated. Architect, J. T. Zeller, Currier Bldg., L. A. Owners, Lyran Swedish Lodge, Charles E. Strolsche, 2346 Wall street, chairman. The building will be erected at the corner of 18th and Flower streets, covering an area of 52 feet by 154 feet. There will be six stores on the first floor besides the entrance to the upper floors. Aud-

itorium, hall room, kitchens and dining room will occupy the second floor. The third floor will be arranged for lodge rooms. Interior finish will be of pine and hardwood with maple floor in the ball room. There will be steam heat and a vacuum cleaning system, patent store fronts and marble wall-scooting. Exterior of the building will be faced with pressed brick. Plans are being prepared.

ASTORIA, ORE.—Association building, 2 story and base, brick, \$25,000. Architects, McNaughton & Raymond, Title and Trust Bldg., Portland. Owners, Young Men's Christian Association. Only preliminary plans for this building have been prepared, and the architects state that construction will not be started until sometime in July. Further mention will be made of the work. Details of construction are not yet settled.

LA GRANDE, ORE. — Association building, 3 story and base, brick, \$28,000. Architect, Milton H. Block, La Grande. Owners, Young Men's Christian Association. The building will cover a considerable ground area, the main floor containing entrance, business offices, class rooms and auditorium. Second floor will be arranged for the gymnasium and special rooms. Seventeen sleeping rooms will occupy the third floor. Basement will contain a plunge 16 by 40 feet, locker rooms, heating system and social hall. Interior will be finished in pine. There will be steam heat and a vacuum cleaning system. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

DALY CITY, SAN MATEO CO., CAL.—City hall, 2 story and base, \$5,970. Architects, Smith & Stewart, 244 Kearny street, S. F. Owners, Daly City. Contractor, G. J. Dorrington, 300 Willington street, Daly City. Contract price, \$5,970.

HOSPITALS

PORTLAND, ORE.—Hospital, 5 story and base, reinforced concrete, \$45,000. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Owners, The Emanuel Lutheran Hospital, 209 16th street. The building will be erected on property bounded by Commercial, Graham and 45th streets, covering an area of 45 by 100 feet. The building is to be the first unit of a large group which will cover an area of 358 by 270 feet. The present structure will contain private rooms, wards, operating rooms, maternity wards and nurses' rooms. Construction will be fireproof with reinforced concrete walls and floors. Interior finish will be of pine and hardwoods. There will be steam heat, elevator service and metal window sash and frames. Exterior of the building will be faced with light gray pressed brick. Plans are being prepared.

ROSEBURG, ORE. — Infirmary, 2 story and base, brick. Cost not stated. Architect, F. C. Flagler, Roseburg. Owners, City of Roseburg. The building will cover an area of 56 by 60 feet. First floor will be arranged for general office, dining room, kitchen, women's ward and two sick wards. Upper floor will contain the children's ward and

library. Interior finish will be of pine and hardwood. There will be steam heat. Exterior of the building will be faced with pressed brick. Plans have been completed and received the approval of the City Council. Bids will be called for at once.

HOTELS.

OAKLAND, CAL.—Hotel, 7 story and base. Class B construction, \$110,000. Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owner, F. W. Elger. The building will be erected on the north side of 16th street between San Pablo and Telegraph avenues, covering an area of 150 by 100 feet. There will be a complete steel frame, brick and concrete walls and wood floors. Interior has been arranged for 170 guest rooms, a large percentage of which will have private baths. Interior finish will be of pine and hardwood. Metal window sash and frames are specified. Plans provide for steam heat, elevator service, a hot water system and vacuum cleaning. Bath rooms will have tile wainscot and composition floors. Marble and tile and ornamental plaster will be used in the entrance and lobby. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

FRESNO, FRESNO CO., CAL.—Hotel and stores, 3 story and base, brick and steel. Cost not stated. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, Paul Mayer. The building will be erected at the corner of Kern and H streets and will cover a considerable ground area. There will be a number of stores on the first floor besides the hotel entrance and lobby. Upper floors have been arranged for a total of 150 rooms and several baths. Interior will be finished in pine throughout. Patent store fronts, steam heat and a hot water system are specified. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are being prepared.

BRAWLEY, IMPERIAL CO., CAL.—Hotel, 4 story and base, brick, \$100,000. Architect, L. Roebig, American Bank Bldg., L. A. Owner, C. A. Johnson. Only preliminary plans for this work have been prepared and it is impossible to publish details of construction at this time. As soon as further plans are made more information will be given.

LOS ANGELES, CAL.—Hotel, 4 story and base, Class C construction. Cost not stated. Architects, Walker & Vawter, Hibernal Bldg., L. A. Owner, D. F. Hill. The building will be erected at the northwest corner of 8th and Wall streets, having a frontage on one street of 70 feet and 120 feet on the other. First floor will contain four stores and the hotel lobby. Upper floors will be arranged for a total of 110 guest rooms and 40 baths. Interior finish will be of pine and redwood. Plans provide for steam heat, elevator service, hot water supply and vacuum cleaning. There will be metal window sash and frames and metal lath and plaster partitions. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Marble and tile will be used in the stores and

lobby. Plans are being prepared. Bids will be called for shortly.

LOS ANGELES, CAL.—Hotel, 3 story and base. Class C construction, \$60,000. Architect, Leonard L. Jones, H. W. Hellman Bldg., L. A. Owner, Louis Nordlinger and W. W. Paden. The building will be erected on Flower street between 3rd and 4th streets, covering an area of 80 by 150 feet. Entire building will be occupied by the hotel. Plans provide for a total of 120 guest rooms and 60 baths. Interior will be finished in pine and hardwood. There will be steam heat, hot water supply and vacuum cleaning system. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are now practically complete and figures will be called for at once.

LOS ANGELES, CAL.—Hotel, 3 story and base. Class C construction, \$45,000. Architects, Mayberry & Parker Electric Bldg., L. A. Owner, Mrs. Squires. The building will be erected on Wilde street near Central avenue, covering an area of 110 by 125 feet. There will be a total of 135 guest rooms with private and public baths. Plans provide for steam heat, a hot water supply and vacuum cleaning. There will be metal window sash and frames. Interior will be finished in pine. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Bids will be taken from contractors who can finance the project either wholly or in part. Working drawings have been completed.

SAN FRANCISCO—Hotel, 6 story and base. Class B construction. Cost not stated. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, Hyman Estate. The building will be erected at the southwest corner of Eddy and Taylor streets and will cover a full Fifty Vara lot. There will be several stories besides the hotel lobby and entrance on the first floor. Upper floors will contain in the neighborhood of 200 guest rooms, a large percentage of which will have private baths. There will be a complete steel frame and exterior walls of brick faced with pressed brick. Interior finish will be of pine and hardwood. Metal lath and plaster interior partitions and metal window sash and frames are specified. Plans provide for steam heat, elevator service, vacuum cleaning, hot water system and special electric work. Ornamental plaster will also be used. Bath rooms will have tile wainscot and composition floors. Plans are complete and figures are being taken.

OAKLAND, CAL.—Hotel, 2 story and base, frame. Cost not stated. Architect, none. Owner, Ben O. Johnson, 2014 East 30th street, Oakland. The building will be erected on the west side of San Pablo avenue north of 27th street. There will be one store on the first floor and a number of single rooms and baths on the second floor. Interior finish will be of pine and redwood. There will be a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SACRAMENTO, CAL.—Hotel addition, 6 story and base. Class B construction.

Cost not stated. Architect, E. C. Hemmings, Sacramento. Owner, Mrs. Nettie Evans, owner of the Land Hotel. The Land Hotel on K street is to have a new addition of six stories erected in the rear of the present building. Only preliminary sketches have been prepared and details of construction have not been made public. Further mention will be made of the work as the plans progress.

SEATTLE, WASH.—Hotel, 5 story and base, frame. Cost not stated. Architect, John Graham, Lyon Bldg., Seattle. Owner, P. J. Murphy. The building will be erected on 6th avenue, between Main and Jackson streets, and will cover an area of 60 by 120 feet. There will be a total of 135 rooms and a number of public baths. Interior will be finished in pine. There will be steam heat and a hot water system. Bath rooms will have composition floors. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Hotel, 12 story and base. Class A construction, \$300,000. Architect, Charles Gordon, Los Angeles Investment Bldg., L. A. Owner, Verne L. Carter. Contractors, Dutro-Wren Construction Co., Van Nays Bldg., L. A. Contract price, \$300,000.

LIBRARIES.

PALO ALTO, SANTA CLARA CO., CAL.—Library, 2 story and base. Class A construction. Cost not stated. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Leland Stanford, Jr., University. Architects, Bakewell & Brown are working on preliminary plans for the new library building which is to be erected at Palo Alto for the Leland Stanford University. The library is to form the central building of the proposed new quadrangle and will be located midway between Encina Hall and the present quadrangle. Construction will be of the Class A type throughout, the design being similar to that of the present library building. Librarian George T. Clark of Stanford University has outlined to the architects the requirements of the building and these plans show a two-story structure with the main reading room occupying the second floor. The system planned will be what is known as a general library as opposed to the departmental system now in use at the University.

COALINGA, FRESNO CO., CAL.—Library, 2 story and base, reinforced concrete, \$20,000. Architects, Swartz, Hotchkins & Swartz, Rowell Bldg., Fresno. Owners, Coalinga Union High School Library District. The building will be designed in the classic style and will be of semi-fireproof construction. Interior will provide two reading rooms, stack rooms, librarian's office and storage room. Pine and hardwood trim and maple floors will be used. There will be a central heating system and vacuum cleaning. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be opened on February 25th. Plans and specifications can be secured from the architects.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, Henry W. Jansen, 536 27th avenue, S. F. Owner, Frank Lapham, 520 15th avenue. The dwelling has been designed for a six-room house with bath and will be erected on 16th avenue near Anza. Interior finish will be of pine and redwood with hardwood floors in the living room, dining room and reception hall. There will be a large open fire place and tile mantel. An automatic water heater will be installed. Bath room will have composition floor and tile wainscot. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$10,000. Architect, Albert Farr, Foxcroft Bldg., S. F. Owners, H. B. and L. D. Allen, 128 Sutter street, S. F. The dwelling will be erected on the west side of 8th avenue near Lawton, and has been designed to contain ten rooms, baths and sleeping porch. Interior will be finished in pine and redwood. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Automatic water heaters will be installed. Bath rooms will have composition floors and tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. A brick veneer base will also be used. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$9,000. Architects, Coxhead & Coxhead, Hearst Bldg., S. F. Owner, Dr. Henry Gibbons. This dwelling will be erected on Pacific avenue, and has been designed for an eight-room house with all modern conveniences. Interior finish will be of pine and hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath room will have tile floors and wainscot. Special rooms on the ground floor will be fitted up for the doctor's home office. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$1,500. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, J. R. Elrod. The dwelling has been designed for a seven-room house with bath and sleeping porch, and will be erected in Berkeley Highlands. Interior finish will be of pine, redwood and hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken by the architect.

OAKLAND, CAL.—Residence, 2 story

and base, frame, \$3,000. Architect, John Carlson, Bacon Bldg., Oakland. Owner, J. E. Hancock. The dwelling will be erected on east 13th avenue, and has been designed for an eight-room dwelling with bath. Interior will be finished in pine and redwood throughout. Some oak floors will be used. There will be open fire places and tile mantels. Bath rooms will have composition floor and tile wainscot. There will be furnace heat. An automatic water heater will also be installed. Tile wainscot will be used in the kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are nearly complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, none. Owner, E. W. Woodward, 2645 19th avenue, Oakland. The dwelling will contain seven rooms, bath and sleeping porch. Interior finish will be of pine with some elm panels and oak floors. Plans provide for furnace heat and open fire places. Mantels will be of tile. Tile wainscot and composition floor will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Dr. Shannon. The house will be erected in East Piedmont Heights, and has been designed for an eight-room dwelling with bath and sleeping porch. Interior finish will be of pine and hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat, open fire places and automatic water heaters. Mantels will be of tile and brick. Bath room will have composition floor and tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$6,000. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, H. H. Jewett. The dwelling will be erected on Euclid avenue, and has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine and redwood with some elm panels in the living and dining rooms. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room will have tile wainscot and a composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and now out for figures.

SAN JOSE, SANTA CLARA CO., CAL.—Cottages, 1 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: Frank Vito, northwest corner of Oak and State streets, 1 story frame cottage, \$1,200; J. F. Ralston, 700 Miller street, 1 story frame cottage, \$1,200, and A. L. Campton, 347 North 17th street, 1 story frame cottage, \$2,500.

SACRAMENTO, CAL.—Residences, 1 story, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: George E. J. Willis, 40th street, 4 room frame cottage, \$1,000; P. G. Mickle, 35th street, addition to residence, \$1,000; L. F. Schwilk, 2021 9th street, alteration to frame residence, \$1,300, and William Welsker, 1114 50th street, 5 room frame cottage, \$1,300.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,500. Architects, Fabre & Bearwald, Merchants' Exchange Bldg., S. F. Owner, Arthur Elvin, 3854 23rd street. The dwelling will be erected in Forest Hill, and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, Mary H. McGaffigan, 482 2nd avenue, S. F. The house has been designed for a six-room dwelling with bath, and will be erected on Anza east of 2nd avenue. Interior finish will be largely of pine and redwood. Oak floors will be used in the living room and dining room. There will be an open fire place and brick mantel. Tile wainscot and composition floor will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story, attic and base, frame, \$12,000. Architect, David C. Coleman, Merchants' National Bank Bldg., S. F. Owner's name withheld. The dwelling will be erected in Linda Vista, and has been designed for a ten-room house with three baths and sleeping porches. Interior finish will be of pine, redwood, hardwoods and white enamel. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Automatic water heaters will be installed. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, none. Owner, Mrs. H. H. Brown. The dwelling will be erected in the Thousand Oaks Tract, and has been designed for an eight-room dwelling with bath and sleeping porch. Interior will be finished in pine and redwood with some hardwood panels and oak floors. There will be furnace heat and open fire places. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster

on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Mrs. Mitchell. The dwelling will be erected on Elvarado Road, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,750. Architects, Patrick-Nelson Co., 2911 Shattuck avenue, Berkeley. Owner, F. A. Brown. The house will be erected in Cragmont and has been designed for a seven-room dwelling with bath and sleeping porch. Interior will be finished in pine, redwood and hardwood veneer. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior will be covered with shingles. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, M. F. Nolan, 228 Noe street, S. F. The dwelling will be erected on 22nd avenue north of Clement, and has been designed for a six-room house with bath. Interior finish will be largely of pine with some redwood. Oak floors will be used in the principal rooms. There will be a large open fire place with a tile mantel in the living room. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$10,000. Architect, Charles H. Bebb, Denny Bldg., Seattle. Owner, Mrs. Annie H. Lewis. The dwelling will be erected in the Claremont Tract and has been designed for a ten-room house with three baths and sleeping porch. Interior finish will be of pine, redwood, hardwood veneer and white enamel. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile and will have composition floors. Automatic water heaters are specified. Exterior of the house will be covered with shakes. Plans are complete and in the hands of the owner who is now taking figures on the work.

SEWERS, STREET WORK AND WATER SYSTEMS.

SACRAMENTO, CAL.—Water pipe, cast iron. Cost not stated. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. Plans have been approved for the purchase of considerable cast iron water pipe, which is to be delivered f. o. b. corporation yards, Sacramento. Bids will be opened on February 19th. The following quantities and sizes are called for in the specifications: 3,500 feet of 6-inch pipe and 1,000 feet of 8-inch pipe. An official proposal appears in another column of this issue.

SAN MATEO COUNTY, CAL.—Box culvert, reinforced concrete. Cost not stated. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Plans are complete and figures will be opened on March 2nd for constructing a reinforced concrete culvert over the Canyada Road near Woodside. Plans and specifications can be secured from the County Surveyor. An official proposal appears in another column of this issue.

SCHOOLS.

VENICE, LOS ANGELES CO., CAL.—School group, 4, 1 and 2 story, brick and concrete, \$150,000. Architects, C. H. Russell Co., Union League Bldg., L. A. Owners, City of Venice. The group will consist of the Administration building, Science building, Household Arts building and Manual Training building. The style of architecture will be the Lombardie Italian. The Administration building will be two-story and basement structure 152x144 feet, and will contain the administrative offices, auditorium, study and choral halls, library and twelve class rooms. In the basement there will be a cafeteria, kitchen, bicycle rooms, etc. The central heating plant will be constructed in connection with and at the rear of the administration building. The science building will be a two-story L-shaped structure with no basement; extreme dimensions 140x120 feet. It will contain twelve class rooms, work rooms, offices, recitation rooms, etc. The household art building will be two stories 140x120 feet, and will contain a modern bungalow, cooking department, laundry, lecture rooms, seven class rooms and sewing and millinery departments. The mechanical arts building will be one-story 112x144 feet, with an interior court. The building will be connected by arcades. They will be of brick construction, with concrete foundations, exterior facing of different shades of light-colored brick, tile roofs, pine and hardwood trim, pine and maple floors, lavatories, plumbing, electric wiring, heating system. Plans are complete and figures are now being taken. Bids will be opened on February 24th. Plans and specifications can be secured from the architects.

SAN FRANCISCO.—School, 3 story and base, semi-fireproof construction. Cost not stated. Architect, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. The following firms submitted the lowest figure for the construction of the Washington Irving School at the last meeting

of the Board of Public Works: General construction, Frank M. Garden Co., \$64,544; general construction, Prop. (2) Heckenroth & Schell, \$54,910; heating and ventilating, H. Lawson & Co., \$2,985; electric work, Butte Electric and Engineering Co., \$2,660; plumbing, Alex. Colman, \$1,746. No contracts have yet been awarded. A complete list of these figures will be found under the heading of San Francisco.

SACRAMENTO, CAL.—School, 2 story and base, reinforced concrete, \$200,000. Architects, Shea & Loquist, Bankers' Investment Bldg., S. F. Owners, Sacramento School District. The opening date for figures on the building which is to be erected from plans by Shea & Loquist has been postponed until March 6th.

BISHOP, INYO CO., CAL.—School, 2 story and base, reinforced concrete, \$39,000. Architect, G. B. Clement, Bishop. Owners, Bishop School District. Plans for the building to be erected in the Bishop District have been completed and approved and are now out for figures. The structure will be practically fireproof, and will contain eight class rooms, assembly hall and principal's office. Interior finish will be of pine. Maple floors will be used in the class rooms. There will be a central system of heating. Exterior will be faced with cement plaster. Bids are now being taken and will be opened on March 10th.

Contracts Awarded.

LOS ANGELES, CAL.—Orphans home, 2 story and base, reinforced concrete, \$50,000. Architect, I. H. Seeborn, 328 South Clay street, L. A. Owners, Missionary Sisters of the Sacred Heart. Contractor, S. Solano, 1770 North Main street, L. A. Contract price, \$50,000.

BAKERSFIELD, KERN CO., CAL.—School, 1 story and base, brick and concrete, \$23,000. Architect, O. L. Clark, Brower Bldg., Bakersfield. Owners, Bakersfield School District. Contractor, M. T. Keen, Bakersfield. Contract price, \$17,950. Note: This is the building which was abandoned by Contractor F. J. Amweg.

STORES.

LOS ANGELES, CAL.—Stores and lofts, 8 story and base. Class A construction. Cost not stated. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, S. K. Lindley, H. W. Hellman Bldg. This structure will be erected on West Fourth street, adjoining the Grant building, and will have a frontage of 90 feet by a depth of 124 feet. Construction will be of the class A type throughout with a complete steel frame, concrete and brick walls and reinforced concrete floors. Interior partitions will be of hollow tile and metal lath and plaster. There will be steam heat, freight and passenger elevators, vacuum cleaning system and mail chutes. Plans provide for metal window sash and frames and fireproof doors. Exterior of the building will be faced with cement plaster and pressed brick. Interior finish will be of pine throughout. There will be sidewalk doors, lifts and lights. Plans are now being prepared. Figures will be called for as soon as working drawings can be completed.

Contracts Awarded.

LENTS, ORE.—Stores and offices, 2 story and base, reinforced concrete, \$15,000. Architect, none. Owner, Mrs. H. Yott. Contractor, V. L. Irish, Lents. Contract price, \$15,000.

THEATRES.

MODESTO, STANISLAUS CO., CAL.—Theatre, 2 story and base, reinforced concrete. Cost not stated. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Mr. Messenger. The building will be erected on the site of the structure recently destroyed by fire and will be designed to contain a large main auditorium, gallery and stage. Construction will be practically fireproof with reinforced concrete walls and floors. Interior will be finished in pine and ornamental plaster. There will be a central heating system, metal trim and modern system of ventilating. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

TACOMA, WASH.—Theatre, 2 story and base, reinforced concrete, \$100,000. Architect, R. E. Borhek, Savage-Scotfield Bldg., Tacoma. Owner, Eugene Levy. The building will adjoin the present Tacoma Theatre and is to be fireproof throughout. There will be a main auditorium and two galleries. Interior will be finished in pine, metal trim and ornamental plaster. There will be steam heat, a modern system of ventilating and vacuum cleaning. Complete stage equipment will be installed. Exterior of the building will be faced with cement plaster. Plans are to be completed so that work may be started by early spring.

SEALED PROPOSALS.

NOTICE TO CONTRACTORS.

PURSUANT to resolution No. 7247 N. S., passed by the Council of the City of Oakland will receive bids for furnishing of all the labor and materials entering into the construction of the Preparation of Site, Concrete Work and Granite Work and Setting for the Auditorium, Washington street, between Fallon street and Lake Shore avenue, in the City of Oakland, California.

All proposals shall be made upon and conform to the requirements of the forms of proposals, prepared and furnished by the City, through the Supervising Architect, and shall be enclosed in sealed envelopes endorsed "Bid for Auditorium," addressed to the Council and deposited by the bidder, or his agent, with said Council while in session, between 11 o'clock A. M. and 12 o'clock, Noon, Pacific Time, on the 26th day of February, 1914, in the room of the Council in the City Hall, Fourteenth and Washington streets, Oakland, and at the expiration of the time named the bids will be opened, examined and publicly declared in open session of the Council.

All said materials, labor and workmanship is to consist of that required by, and be in accordance with the plans, drawings and specifications prepared therefore and on file in the office of John J. Donovan, the Supervising Architect of the City of Oakland, to which said plans and specifications reference is hereby made.

No bid will be received or considered which is not accompanied by a check, certified by a responsible bank, payable to the order of Frank M. Smith, City Clerk, in an amount not less than 10% of the aggregate amount of the proposal. Said check shall be forfeited to and be retained by the City if the successful bidder fails or refuses to execute the contract in the required form and furnish bonds of the forms to be provided by the City and as required by the Charter of the City of

Oakland, within twenty days after receiving notice of award.

The contractor will be required to begin work within five (5) days from the execution of the contract—unless otherwise notified in writing by the owner or architect—and to fully complete the entire work in accordance with the requirements of the agreement, plans drawings and specifications prepared therefor to the entire satisfaction of the Commissioner of Public Works and the Council on or before one hundred (100) days from the date from and after the beginning of the work.

After the award and upon the execution of the agreement, the contractor shall at the same time execute to the City of Oakland and deliver to the Auditor a bond guaranteeing to the City the faithful performance of the contract, and in an amount equal to twenty-five per centum (25%) of the amount named in the agreement. He shall likewise execute and deliver at the same time another and separate bond to protect any and all persons performing labor upon or furnishing materials to or for the said work, and in an amount equal to fifty per centum (50%) of the amount named in said agreement.

All information relative to the requirements for bidding, and all directions necessary to explain and make definite any provisions of the specifications or drawings will be given by the Supervising Architect upon application at his office.

The right is reserved to the Council in accordance with the provisions of the Charter of the City of Oakland, to reject any or all bids submitted.

FRANK M. SMITH, City Clerk.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 826—Proposals for Sand Blast Equipment, Galvanized Sheet Steel, Steel Cable, Chain, Wire Bolts, Plate Washers, Sheet Brass, Sheet Copper, Bronze Bars, Brass Tubing, Copper Tinning, Brass Sheet Zinc, Galvanized Bars, Hammers, Hinges, Wheelbarrows, Corn Brooms, Fire Preservers, Hose, Manila Rope, Magnesia Pipe, Covering, Paving Brick, Fire Clay and Lamplack. Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. February 21, 1914, at which time they will be opened in public, for furnishing the above mentioned articles. Blank and general information relating to this circular (No. 826) may be obtained from this office or the office of the assistant purchasing officer, Isthmian Canal Commission, Washington, D. C., also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR MAGAZINE BUILDING.

BUILDING—Sealed proposals indorsed "Proposals for One Magazine Building" will be received at the bureau of naval magazines, Department of the Navy, Washington, D. C., until 11 o'clock a. m. March 7, 1914, and then there publicly opened, for one brick and concrete magazine with structural steel roof framing at the navy yard, Mare Island, Cal. Estimated cost, \$12,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard named. H. R. STANFORD, chief of bureau.

NOTICE TO CONTRACTORS.

THE BOARD OF TRUSTEES of the Coalinga Union High School Library District will receive sealed proposals up to, but not later than, 1:30 o'clock p. m. on the 28th day of February, 1914, for the construction of a Library Building to be erected on a tract of land owned by the said Library District, situated in the Town of Coalinga. Specifications have been adopted by the County of San Diego of California. The said building is to be constructed according to the plans and speci-

cations prepared by Swartz, Hotchkin & Swartz, architects, which plans and specifications are on file with the Clerk of the Board.

All bids for the general construction of the building must be accompanied with a certified check in the amount of One Thousand Dollars (\$1,000) on some solvent bank, made payable to Coalinga Union High School Library District as a guarantee that the person whose bid is accepted, will within ten days after the acceptance of the bid and the awarding of the contract, execute a contract for the construction of the building and give approved bonds for the faithful and complete performance of the contract as required by law.

Separate bids will be received for the complete installation of the heating system which bids must be accompanied by a certified check in the amount of Two Hundred Dollars (\$200) on conditions above stated.

Plans, specifications, form of proposal and other information may be had from Mrs. H. L. Fennell, Secretary, Trustee of the Coalinga Union High School Library District, No. 169 East C Street, Coalinga, California, or from the architect, Room 619 Rowell Building, Fresno.

The Board reserves the right to reject any and all bids without recourse.

MRS. H. L. FENNEL, City Clerk of the Board of Trustees of the Coalinga Union High School Library District.

PROPOSALS FOR TIMBER.

TIMBER—U. S. Engineer Office, Duluth, Minn.—Sealed proposals for first timber will be received until 10 o'clock, noon, February 26, 1914, and then publicly opened. Information on application to this office or the local office, Seattle, Wash. E. D. PEEK captain, engineers.

NOTICE TO BRIDGE BUILDERS.

NOTICE is hereby given that sealed bids will be received by the Board of Supervisors of the County of San Mateo, State of California, up to the hour of 10 o'clock, Monday, March 2, 1914, for constructing a box culvert on the Canyada road near Woodside, Third Road District, per plans and specifications prepared by the County Surveyor and adopted by the Board of Supervisors on Monday, February 9, 1914, which said plans and specifications are now on file in the office of the Clerk of said Board, where same may be inspected.

All bids must be addressed to the Clerk of said Board of Supervisors at Redwood City, and each bid must be accompanied by a certified check on some reliable bank in a sum equal to at least 10 per cent of bid, made payable to the undersigned, Clerk of said Board of Supervisors, same to be forfeited to the County of San Mateo as liquidated damages in case the party to whom the contract shall be awarded shall fail, neglect or refuse to execute and file, within ten days after the awarding of said contract, a bond to be approved by the Chairman of the Board of Supervisors of said county in an amount not exceeding the contract price, or to enter into a written contract with said county in accordance with said plans and specifications, and the bid thereon.

All bids from contractors must specify the time for the completion of said work, also the cost of concrete in place, per cubic yard, to be used in estimating the value of extra work, if required.

The right is reserved to reject any and all bids.

JOS. H. NASH,
County Clerk.

NOTICE TO BRIDGE BUILDERS.

NOTICE is hereby given that sealed bids will be received by the Board of Supervisors of the County of San Mateo, State of California, up to the hour of 10 o'clock a. m. on Monday, March 2, 1914, for constructing a reinforced concrete bridge on the Highway near Woodside City road at Woodside, in the Third Road District, per plans and specifications prepared by the

County Surveyor and adopted by the Board of Supervisors on Monday, February 9, 1914, which said plans and specifications are now on file in the office of the Clerk of said Board, where same may be inspected.

All bids must be addressed to the Clerk of said Board of Supervisors at Redwood City, and each bid must be accompanied by a certified check on some reliable bank in a sum equal to at least 10 per cent of bid, made payable to the undersigned, Clerk of said Board of Supervisors, same to be forfeited to the County of San Mateo as liquidated damages in case the party to whom the contract shall be awarded shall fail, neglect or refuse to execute and file, within ten days after the award of said contract, a bond to be approved by the Chairman of the Board of Supervisors of said county in an amount not exceeding the contract price, or to enter into a written contract with said county in accordance with said plans and specifications, and the bid thereon.

All bids from contractors must specify the time for the completion of said work, also the cost of concrete in place, per cubic yard, to be used in estimating the value of extra work, if required.

The right is reserved to reject any and all bids.

JOS. H. NASH,
County Clerk.

NOTICE TO BRIDGE BUILDERS.

NOTICE is hereby given that sealed bids will be received by the Board of Supervisors of the County of San Mateo, State of California, up to the hour of 10 o'clock a. m. on Monday, March 2, 1914, for constructing a reinforced concrete bridge on the Highway near Santa Gregoria road across creek separating the Third and Fifth road districts, per plans and specifications prepared by the County Surveyor and adopted by the Board of Supervisors on Monday, February 2, 1914, which said plans and specifications are now on file in the office of the Clerk of said Board, where same may be inspected.

All bids must be addressed to the Clerk of said Board of Supervisors at Redwood City, and each bid must be accompanied by a certified check on some reliable bank in a sum equal to at least 10 per cent of bid, made payable to the undersigned, Clerk of said Board of Supervisors, same to be forfeited to the County of San Mateo as liquidated damages in case the party to whom the contract shall be awarded shall fail, neglect or refuse to execute and file, within ten days after the awarding of said contract, a bond to be approved by the Chairman of the Board of Supervisors of said county in an amount not exceeding the contract price, or to enter into a written contract with said county in accordance with said plans and specifications, and the bid thereon.

All bids from contractors must specify the time for the completion of said work, also the cost of concrete in place, per cubic yard, to be used in estimating the value of extra work, if required.

The right is reserved to reject any and all bids.

JOS. H. NASH,
County Clerk.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 3:00 P. M., Tuesday, February 17, 1914, for the construction of the Court of Abundance in accordance with the specifications on file in the office of the Director of Works.

Separate proposals will be allowed on Electric Wiring, and on Water, Steam, Gas and Drain Piping.

Each proposal must be accompanied by a certified check made payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount

bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (\$50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

For the purpose of the award made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$50.00, which amount will be refunded to contractors submitting bona fide bids. Persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

PROPOSALS.

For the reconstruction of the side wall of No. 2 boiler at Pumping Station No. 1, and for the replacement of the Water System of the San Francisco Fire Department.

OFFICE OF THE BOARD OF FIRE COMMISSIONERS, San Francisco.

In accordance with a resolution of the Board of Fire Commissioners, duly passed February 4, 1914, sealed proposals will be received in open session of the Board on Wednesday, February 25th, 1914, between the hours of 8 and 10 p. m. for the reconstruction of the side wall of No. 2 boiler at Pumping Station No. 1 of the San Francisco Fire Department, in strict accordance with the specifications and plans contained in the proposal blank prepared by the Board of Fire Commissioners, on file, and copies of which may be obtained at the said Board, 1251 Market street, San Francisco, Cal.

BOARD OF FIRE COMMISSIONERS,
FRANK T. KENNEDY,
Secretary.

NOTICE TO ARCHITECTS.

For the benefit of architects inquiring concerning plans for a new 3600 school building to be erected in Chico School District, the Board of Education of the City of Chico in and for Chico School District, hereby invite architects to submit designs for a school building that shall furnish the last mentioned rooms and accommodations as a preliminary requirement. The Board of Education shall judge and select or reject the plans. It is especially understood that no premium or award shall be given to any architect whose plan the accepted plan shall become the design and plan from which the building shall be erected.

Plans for the proposed new Oakdale grammar school building shall be made to the scale of 1/4 inch to one foot, and shall consist of the following drawings:

- Foundation plan.
- Basement story plan.
- Main floor plan.
- Second story plan.
- Roof plan, and a longitudinal and a transverse section, four elevations, front and rear elevations of the building to be combined, exterior and grammar school for approximately 400 pupils, half boys and half girls. The building to be erected on a basement in height—not fewer than eight class rooms size 24x32x about 14 feet with cloak rooms, each class room with built-in bookcase, not smaller than 12 cu. ft. inside. One office. One library well provided with shelving. One auditorium of seating capacity not less than 100 seats. Basement rooms for manual training. Two basement rooms for domestic arts. Kitchen to be provided with water and gas. Entrance hall, office, and auditorium to be wired for electricity. Basement to contain

heating plant for auditorium, and a room for bicycles. No toilet system other than for teachers use need be installed. Sanitary and drinking fountains must be on each floor.

Plans shall be completely and accurately figured with all necessary dimensions and spacings, and thickness of walls in each story shall be clearly indicated. Specifications shall be complete, and shall accurately describe all materials and labor required in the construction and finishing of the building. Each architect who submits plans shall furnish the secretary of the Board of Education TWO complete sets of plans and specifications as above enumerated, on or before the 9th day of March, 1914, and one of the sets furnished by the successful architect shall be kept as a public record from the date of and following the selection by the Board of Education of such plans and specifications for the construction of a public building. The successful architect will be required to finally furnish a complete set of plans and specifications, and four full sets of blue-print detail drawings. Full-size detail drawings for all mill work, steel and iron work, and for the proposed structure shall be furnished and delivered to the board by the successful architect within three weeks from the date of the official adoption of the plans for the building.

In case the successful architect becomes the superintendent of construction of the building, the Board will allow as an entire compensation 6 per cent of the contractor's price of the building exclusive of furnishing and fixtures. In case the architect does not become the superintendent of building construction, then compensation of 6 per cent shall be divided between the architect and the superintendent in accordance with the prescribed rules for architect's fees. The entire compensation of the successful architect is to be dependent upon the cost of the building, without change in plans or specifications, from original filed copies. The total cost, as shown in regular bids, but not by contractors, to not exceed the sum of \$30,000. In case the board fails to erect a bid from a reliable contractor to erect the proposed building for \$30,000 or less, then the architect furnishing the plans, etc., shall forfeit all claim to any compensation whatever for his plans and specifications, etc.

The Board of Education expressly reserves the right to reject any or all bids, and to require any minor changes as may be found necessary before the final adoption of any plan.

CHAS. H. CAMPER,
Secretary, Board of Education,
City Hall, Chico, Cal. (*)

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 826—Proposal for Sand Blast Equipment, Galvanized Sheet Steel, Steel Cable, Chain, Wire, Bolt, Plate Washers, Sheet Brass, Sheet Copper, Bronze Bars, Brass Tubing, Copper Tubing, Brass Unions, Sheet Zinc, Solder, Shovels, Hammers, Hinges, Wheelbarrows, Iron Pumps, Life Preservers, Hose, Manila Rope, Magnesia Pipe Covering, Paving Brick, Fire Clay and Lambdian. Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 12 o'clock, noon, on February 18, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this Circular (No. 826) may be obtained from this office or the office of the assistant purchasing agent, 1896 North Point street, San Francisco, Cal., also from the U. S. engineer office in the following cities: Seattle, Wash.; Los Angeles, Cal.; F. C. BOGGS, major, corps of engineers; U. S. army, general purchasing officer.

PROPOSALS FOR CONSTRUCTING

REINFORCED CONCRETE BRIDGE.

Sealed proposals for the construction of a reinforced concrete bridge over the La Honda San Gra-

gorio road across creek separating the Third and Fifth road districts, per plans and specifications prepared by the County Surveyor and approved by the Board of Supervisors on Monday, February 2, 1914, which said plans and specifications are now on file in the office of the Clerk of said Board, where same may be inspected.

All bids must be addressed to the Clerk of said Board of Supervisors at Redwood City. Sealed bids must be accompanied by a certified check on some reliable bank in a sum equal to at least 10 per cent of the bid price by the undersigned Clerk of said Board of Supervisors, same to be forfeited to the county of San Mateo as liquidated damages in case the party to whom the contract shall be awarded shall fail, neglect or refuse to execute and file, within ten days after the award of said contract, a bond to be approved by the chairman of the Board of Supervisors of said county in an amount not exceeding the contract price, on the condition that the contract with said county in accordance with said plans and specifications, and the bid thereon.

Sealed bids from contractors must specify the time for the completion of said work, also the cost of concrete in place, per cubic yard to be used in estimating the value of extra work, if required.

The right is reserved to reject any and all bids. JOS. M. NAY, County Clerk.

NOTICE TO CONTRACTORS.

SEALED bids will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Thursday, February 26, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials and labor, and doing the work required for the construction and erection of the building known as the Nursery Building for Males at the Sonoma State Home, Eldridge, California, in accordance with plans and specifications for the same, which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Cash, a bidder's bond, or certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope:

"Proposals for Nursery Building for Males, Sonoma State Home, Eldridge, California."

(Signed) W. F. MCCLURE, State Engineer.

NOTICE TO CONTRACTORS.

SEALED bids will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Friday, February 27, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of the building known as the Dairy Barn, at the Veteran's Home, Yountville, California, in accordance with plans and specifications for the same, which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Cash, a bidder's bond, or certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans

and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope:

"Proposals for Dairy Barn, at the Veterans' Home, Yountville, California."

(Signed) W. F. McCURE,
State Engineer.

STATE OF CALIFORNIA. DEPARTMENT OF ENGINEERING. CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Bldg., Sacramento, Cal., until 12 o'clock P. M. on February 24th, 1914, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, portions of State highway as follows:

San Mateo County from the south line Daily City to South San Francisco (IV-S, M-2-A), about 4 miles in length, to be built of Portland cement concrete with asphalt surface.

San Diego County from Las Flores to the Western Boundary (VII-S, D-2-D), about 11.5 miles in length, to be built of Portland cement concrete.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained, at the said office and they may be seen at the offices of the Division Engineers of the divisions in which the work is situated. The Division Engineers' offices are located at Williams, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

Dated: January 22, 1914.
CHARLES D. BLANEY,
NEWELL D. DARLINGTON,
CHARLES E. STERN,
California Highway Commission.
AUSTIN B. FLETCHER,
Highway Engineer.
WILSON R. ELLIS,
Secretary. (*)

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 819—Proposals for Four Steel Tugboats for Handling and Docking of Vessels at the Entrances of the Panama Canal.—Sealed proposals will be received at the office of the general purchasing officer Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. March 23, 1914, at which time they will be opened in public for furnishing the above mentioned tugboats. Blanks and general information relating to this circular (No. 819) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point Street, San Francisco, Cal.; also from the U. S. engineer offices at the following cities: Seattle, Wash.; Los Angeles, Cal.; F. C. BOGGS, major, corps engineers, U. S. A., general purchasing officer.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Tuesday, February 24, 1914, said bids then and there to be publicly opened and read for furnishing all paint, materials, and labor, and doing the work required for the construction and

erection of a building known as the Recreation Hall at the Napa State Hospital, Napa, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work. Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Erection of Recreation Hall, Napa State Hospital, Napa, California."

(SIGNED) W. F. McCURE,
State Engineer. (*)

NOTICE TO CREOSOTING PLANTS.

OFFICE OF THE BOARD OF STATE HARBOUR COMMISSIONERS, Union Depot and Ferry House, San Francisco, Cal., February 17, 1914.

SEALED PROPOSALS or bids will be received at this office on or prior to 11 o'clock A. M. on Thursday, March 5, 1914, for furnishing and delivering at wharf tackle, San Francisco, creosoted piles in accordance with the specifications prepared therefore, by the Assistant State Engineer, and adopted by the Board, February 5, 1914, and on file in this office, to which special reference is hereby made.

The piles must be fresh cut, first quality Douglas yellow fir piles; the creosote used must come from works making bituminous coal gas, and the piles to be impregnated with not less than twelve (12) pounds of creosote per cubic foot of wood; the penetration of the heavier black oils must not be less than $\frac{1}{2}$ inches at any place into the outer surface of the piles.

No bid will be received unless it is made on a blank form furnished from this office and is accompanied by a five (5) per cent of the amount equal to the order of the amount of the bid, based on a delivery of 110,000 feet of piling; such check to be made payable to the order of the Secretary of the Board, conditioned that if the proposal is accepted and the contract awarded, and if the bidder shall fail or neglect to execute a contract and give the bond required within six days after the award is made, in that case said sum mentioned in said check shall be deemed liquidated damages for such failure and neglect and shall be paid into the San Francisco Harbor Improvement Fund.

The successful bidder to file a bond adequate with two or more sureties to be approved by the Board of State Harbor Commissioners, and conditioned for the faithful performance by the contractor of all the terms and conditions of said contract according to the true intent and meaning thereof; and the true satisfaction of said Board; and said bond also be effective as provided in an act approved May 1, 1911, for the protection of material men, mechanics and laborers.

Bids will not be considered by this Board unless delivered to the Secretary or to the Assistant Secretary at or prior to 11 o'clock A. M. on Thursday, March 5, 1914, at which time and place bids will be opened.

The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Bidders are invited to be present at the opening of the bids. Bidders are requested to mark envelope containing bid "Bids for furnishing Creosoted Piles."

J. J. DWYER,
THOMAS WILLIAMS,
J. H. MCCALLUM,
Board of State Harbor Commissioners.
JEROME NEWMAN,
Assistant State Engineer,
LEO V. MERLE, Jr.,
Secretary. (*)

CONSTRUCTION WORK ABROAD.

ARGENTINA.

[Review of River Plate, Buenos Aires.] Municipal Project for Workmen's Dwellings.

The budget law as projected by the budget committee of the Chamber of Deputies includes a clause exempting from payments of import duties materials destined for the construction of workmen's dwellings by the municipality of Buenos Aires to a maximum of \$250 gold per house. It will be remembered that the municipality recently entered into a contract with S. H. Pearson & Co. for the erection of 10,000 of these houses.

Railway Construction.

As a result of representations recently made to the national government by Dr. Ahumada, governor of Catamarca, the executive has promised early commencement of construction of the railway from the capital of that Province to La Cocha. Work on the first 6 miles will soon be started.

CHINA.

[Vice Consul George C. Hanson, Dalny, Manchuria.]

Railway Improvements.

The South Manchuria Railway's estimates for the next fiscal year include \$5,500,000 expenditure for earthwork, retaining walls, bridges, stations, rolling stock, construction of dredger and hopper barges, harbor works, hotel, etc. [A copy of items may be obtained from the Bureau of Foreign and Domestic Commerce.]

ACTION.

The nations are a series of short experiments. A nation may disintegrate inside of a century. It may flower inside of thirty years. It would be possible that a Middle-Western town like Cedar Rapids should tomorrow begin to put forth a group of heroes, who should overrun the earth with the charm and vigor of their ideas. A sudden quickening, mind catching flame from mind, and once again you would have the miracle of Plato's Athens, of Elizabeth's London.

It now and again some man had not decided to stop drifting and take hold of things and reshape them, there would have been no discovery, no invention, no art. He might have said, as many like to say: "Why not let my big idea rest quietly? There is time enough in the long future. Why be in a hurry? Why so hot, little man? There is quiet sleep in the churchyard for the men that have gone before, and soon I too will be there." But, prevailing, he said:

"Now is the time, and the place is here, to bring my idea to action. I insist on being heard. Here is the plan. We will not postpone it till next year. We will try it now."

It is our business to make our ideas prevail. We are not to go silent, nor to retire from activity, believing that our nation is long-lived, and that our thought has an eternity in which to come to pass. We must speak up. We must strike early and strike hard. The time is short. It is right to wish to get something done in our own lifetime.—From Harper's Weekly.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to locality. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE — 2 story and base, frame, \$3,000. San Francisco. Architect, Henry W. Jansen, 536 27th avenue, S. F. Owner, Frank Lapham, 520 15th avenue. The dwelling has been designed for a six-room house with bath, and will be erected on 18th avenue near Anza. Interior finish will be of pine and redwood with hardwood floors in the living room, dining room and reception hall. There will be a large open fire place and tile mantel. An automatic water heater will be installed. Bath room will have composition floor and tile wainscot. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$10,000. San Francisco. Architect, Albert Farr, Foxcroft Bldg., S. F. Owners, H. B. and L. D. Allen, 128 Sutter street, S. F. The dwelling will be erected on the west side of 8th avenue near Lawton, and has been designed to contain ten rooms, baths and sleeping porch. Interior will be finished in pine and redwood. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Automatic water heaters will be installed. Bath rooms will have composition floors and tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. A brick veneer base will also be used. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$9,000. San Francisco. Architects, Coxhead & Coxhead, Hearst Bldg., S. F. Owner, Dr. Henry Gibbons. This dwelling will be erected on Pacific avenue, and has been designed for an eight-room house with all modern conveniences. Interior finish will be of pine and hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath room will have tile floors and wainscot. Special rooms on the ground floor will be fitted up for the doctor's home office. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

APARTMENT HOUSE — 3 story and base, frame, \$14,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner's name withheld. The building will be erected on a lot 23 by 120 1/2 feet, situated on the south side of Filbert street between Hyde and Leavenworth streets. Plans provide for six apartments arranged in suites of four rooms each. Interior finish will be of pine with some oak floors and elm panels. There will be steam heat, portable vacuum cleaners and a hot water supply.

Bath rooms will be finished in tile and will have composition floors. All suites will have wall beds. Entrance will be finished in marble and tile. Exterior of the building will be covered with brick veneer and cement plaster on metal lath. Plans are nearly complete and figures will be called for within a week or ten days.

APARTMENT HOUSE — 4 story and base, reinforced concrete, \$25,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Mr. A. C. Selig. The building will be erected on the south side of Eddy street between Jones and Leavenworth Sts. Several suites besides the main entrance and lobby will occupy the first floor. Upper floors will be arranged for two and three room suites with wall beds and private bath rooms. Interior finish will be of pine and hardwood veneer. Oak floors will be used in the living rooms. There will be steam heat, an automatic elevator, hot water supply and vacuum cleaning. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

APARTMENT HOUSE ALTERATIONS — Frame construction, \$3,000. San Francisco. Architect, none. Owner, Charles Katz, 2400 Dolores street, S. F. This work will consist of rearranging the present three-story frame store and apartment house located on Mission street south of 17th into a modern building. Upper floors will be subdivided into eighteen suites. The work will include new partitions, plastering, mill work, carpentry, plumbing, electric work, painting and wall beds. Fire escapes, patent store fronts and plate glass windows will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE ALTERATIONS — Frame construction, \$7,000. San Francisco. Architect, J. B. Randell, 1337 Palm street, S. F. Owners, J. M. and E. M. Branscombe. The work will include both interior and exterior alteration. There will be new plumbing, painting, plastering, mill and carpentry work and electric wiring. Patent store fronts and wall beds are specified. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$4,500. San Francisco. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner, Arthur Elvin, 3854 23rd street. The dwelling will be erected in Forest Hill and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will

be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE — 2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, Mary H. McGaffigan, 182 2nd avenue, S. F. The house has been designed for a six-room dwelling with bath, and will be erected on Anza east of 2nd avenue. Interior finish will be largely of pine and redwood. Oak floors will be used in the living and dining room. There will be an open fire place and brick mantel. Tile wainscot and composition floor will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

SCHOOL — 3 story and base, semi-fireproof construction. Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. The following firms submitted the lowest figures for the construction of the Washington Irving School at the last meeting of the Board of Public Works: General construction, Frank M. Garden Co., \$64,544, general construction Prop. (2); Heckenroth & Schell, \$54,910; heating and ventilating, H. Lawson & Co., \$2,985; electric work, Buile Electric and Engineering Co., \$2,060; plumbing, Alex. Colman, \$4,746. No contracts have yet been awarded. A complete list of these figures will be found under the heading of San Francisco.

HOTEL — 6 story and base. Class B construction. Cost not stated. San Francisco. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, Hyman Estate. The building will be erected at the southwest corner of Eddy and Taylor streets and will cover a full Fifty Vara lot. There will be several stores besides the hotel lobby on the first floor. Upper floors will contain in the neighborhood of 200 guest rooms, a large percentage of which will have private baths. There will be a complete steel frame and exterior walls of brick faced with pressed brick. Interior finish will be of pine and hardwood. Metal lath and plaster interior partitions and metal window sash and frames are specified. Plans provide for steam heat, elevator service, vacuum cleaning, hot water system and special electric work. Ornamental plaster will also be used. Bath rooms will have tile wainscot and composition floors. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, M. F. Nolan, 228 Noe street, S. F. The dwelling will be erected on 22nd avenue north of Clement, and has been designed for a six-room house with bath. Interior finish will be largely of pine with some redwood. Oak floors will be used in the principal rooms. There will be a large open fire place with a tile mantel in the living room. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete

and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

Contracts Awarded.

PIER ALTERATIONS—\$14,720. San Francisco. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Bids opened at the last meeting of the State Board of Harbor Commissioners for widening pier No. 54, show Healy-Thibbitts Construction Co., S. F., low at \$14,720. They were awarded the work. A complete list of bids opened will be found under the heading of San Francisco in this issue.

Bids Opened For State Harbor Work.

Healy-Thibbitts Construction Company
Awarded Contract For Work, Three
Other Sets of Figures Submitted.

Four sets of bids were opened at Wednesday's meeting of the State Board of Harbor Commissioners for widening Pier No. 54. Healy-Thibbitts Construction Co. submitted the lowest figure at \$14,720. They were awarded the contract. Other figures submitted were as follows:

Widening Pier No. 54.

Healy-Thibbitts Constr. Co.,	\$14,720
San Francisco Bridge Co.,	16,880
Hyde-Harjes & Co.,	21,687
Pacific Construction Co.,	15,750

CITY BIDS OPENED.

**Board of Works Receives Figures For
Construction of Washington Irving
School and Other Work.**

Bids were opened by the Board of Public Works at Wednesday's session for the general construction of the Washington Irving School, for the heating and ventilating of the same, electric work, plumbing and brick work.

Bids were also opened for furnishing pumps and motors for the Commercial street sewer pumping plant and for a large amount of street and sidewalk work.

Frank M. Garden submitted the lowest figure on Proposition (1) at \$64,544 for the general construction of the Washington Irving School, while Heckenroth & Schell were low on Proposition (2) at \$54,910. H. Lawson was low on the heating and ventilating at \$2,985, the Butte Elec. & Eng. Co. were low on the electric work at \$2,060; Alex. Coleman was low on the plumbing at \$1,746 and Mealey & Collins on the brick work at \$9,925.

A complete list of all figures received is given below:

General Construction Washington Irving School.	
L. G. Berggren & Son (a)	\$71,759;
(b)	\$60,509.
Howard S. Williams (a)	\$69,442; (b)
\$38,728.	
O. C. Holt (a)	\$69,150; (b) \$60,000.
Heckenroth & Schell (a)	\$66,700; (b)
\$54,910.	
Frank M. Garden Co. (a)	\$64,544; (b)
\$56,033.	
E. Carlson (a)	\$67,575; (b) \$57,575.

M. Fisher (a)	\$75,990; (b) \$65,740.
Matthies & Griffith (a)	\$74,450; (b)
\$63,460.	
Caldwell & Son (a)	\$67,220; (b) \$57,200.
L. Cereghino & Son (a)	\$79,792; (b)
\$66,321.	
Monson Bros. (a)	\$74,813; (b) \$64,548.
N. Sjoberg (a)	\$71,400; (b) \$60,500.
James L. McLaughlin (a)	\$71,194;
(b) \$62,150.	
Boyd, Kerr & McLean (a)	\$71,000;
(b) \$53,700.	
T. W. McClenahan & Co. (a)	\$68,830;
(b) \$57,630	
R. Ringrose & Son (a)	\$73,800; (b)
\$63,800.	
Newsom & Kohn (a)	\$67,646; (b)
\$57,416.	
R. W. Moller (a)	\$68,795; (b) \$57,795.

Heating and Ventilating Washington Irving School.

Murray & Co.,	\$2,487
H. Lawson & Co.,	2,985
Kiernan & O'Brien,	2,167
Robt. Dalziel Jr. Co.,	2,177
Atlas Heating & Vent. Co.,	2,400
Pacific Fire Exting. Co.,	2,252
Whitman-Lyman Co.,	2,581
Scott & Co.,	3,069
J. C. Hurley Co.,	3,250
J. E. O'Mara,	3,044
J. M. Lettlich,	2,400

Electric Work Washington Irving School.

Central Elec. Co.,	\$2,490
H. S. Tittle,	2,282
Pacific Fire Exting. Co.,	2,690
General Elec. Constr. Co.,	2,106
Butte Elec. & Eng. Co.,	2,660
Decker Elec. Constr. Co.,	2,716
Standard Elec. Constr. Co.,	2,174
Alhbach, Mayer & Co.,	\$5,700
W. F. Wilson Co.,	5,210
F. W. Snook,	4,796
H. Lawson,	5,100
Alex. Coleman,	4,746
Kiernan & O'Brien,	5,291
James H. Pinkerton,	4,980
Whitman-Lyman Co.,	5,470
Scott Co.,	5,180
A. Lettlich,	5,660
J. E. O'Mara,	5,300
J. M. Lettlich,	6,077

Brick Work Washington Irving School

O'Connor & Collins,	\$11,099
Charles B. Hadley,	11,400
H. E. Drake,	11,790
Hogberg & Ludwig,	10,950
T. F. O'Rourke,	10,930
Mealy & Collins,	9,825
Charles H. Hoek,	11,950

Pumps and Motors Commercial Street Sewer Plant.

Davis, Rodgers Co.,	\$2,294
Kronh. Mfg. Co.,	2,311
Kiernan & O'Brien,	1,995
Byron Jackson Iron Wks.,	2,640

Building Contracts Awarded

San Francisco.

No.	Owner	Contractor	Am't.
371	Mackinlay	Mackinlay	700
372	Alfred	Alfred	1000
373	Same	Same	1000
374	Same	Same	1000
375	Same	Same	1000
376	Hodgkins	Gordon	500
377	Williams	Finlayson	1000
378	P. Ass'n Blind	Owner	1000
379	Sheehy	W'n Asbestos	400
380	Swanson	Bjorkman	2300
381	Same	Same	2200
382	P. P. I. B.	Murphy	4700
383	Zellerbach	Pas Plaster	1375
384	Same	Cohn	430
385	Davis St.	Pac Rollig	1890
386	Same	Gilbertson	1950

387	Same	Olson	4990
388	Overman	Kelney	500
389	McKenzie	McKenzie	500
390	Devoto	Cazzareto	500
391	Lapham	Jansen	3000
392	Parpart	Parpart	2655
393	Bunn	Jennings	500
394	Nuttall	Brady	400
395	Hanchen	Hanchen	400
396	Allen	Allen	1000
397	Kelz	Kelz	5000
398	Davis	Pearson	1628
399	O'Connell	Wengard	2750
400	Forry	Johnson	2655
401	Vogel	Cavaglieri	5500
402	Belli	Fillippi	1320
403	Kolbe	Pront	6500
404	Trucco	Gilligley	2985
405	Egan	Moller	12600
406	Moss	Schulte	500
407	Read	Kronnick	400
408	Stewart	Whitman	400
409	Biddell	Whitman	400
410	Grabe	Maguire	400
411	Lobbe	Sauer	400
412	Koster	Koster	1500
413	Smith	Hooper	2100
414	Anderson	Anderson	2100
415	McCreery	Burke	6490
416	Soracco	Cavaglieri	3585
417	Macdonald	Spargo	2175
418	P. P. I. E.	Commary	206000
419	Same	Plant	75000
420	Same	McEil	9950
421	Y. M. I.	Pac Gurney	4060
422	Silvey	Durham	2100
423	Russell	Bell	3250
424	Smith	Hooper	2100
425	Frechn-Am	Otis	4700
426	Same	Peterson	12375
427	Same	Leitch	4815
428	Hyde	Hyde	1000
429	Juddie	Dexter	400
430	Nolan	Nolan	2350
431	Malick	Brelva	500
432	Lindberg	Lindberg	1000
433	Gray	Cole	400
434	Hibernia SVCS	Hjul	1000
435	Same	Leitch	5500
436	Moore	Kusch	400
437	Simpson	Simpson	400
438	Born	Born	500
439	Schubert	Schubert	500
440	Elvin	Elvin	4500
441	McGaffigan	McGaffigan	3000
442	Russian Hill Imp.	Orange	500
443	Ochoa	Sabeda	1000
444	Dunn	Dunn	1800
445	Hefferman	Hefferman	1400
446	Same	Same	1400
447	Pub Library	Pac Blower	1325
448	Woebcke	Munster	14825
449	Sattul	Trevia	17867
450	Same	Same	2152
451	Shuck	Grant	4250

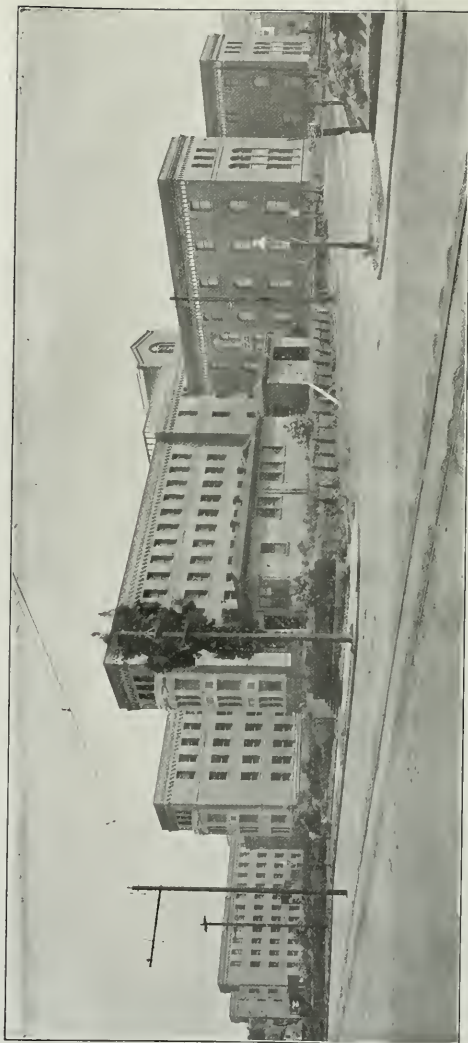
(371) NO. 749 TAYLOR. Add 4 rooms
Owner.....Jennie E. Mackinlay, Marine Bank & Trust Co., San Francisco.
Architect.....A. W. Pattianl, Merchant's National Bank Bldg., S. F.
Day's work.....
COST, \$700

(372) S STAPLES 75 E Genesee. One-story and basement frame dwlg.
Owner.....C. S. Alired, 150 Onondago Ave., San Francisco.
Architect.....None.
Day's work.....
COST, \$1000

(373) S STAPLES 50 E Genesee. One-story and basement frame dwlg.
Owner.....C. S. Alired, 150 Onondago Ave., San Francisco.
Architect.....None.
Day's work.....
COST, \$1000

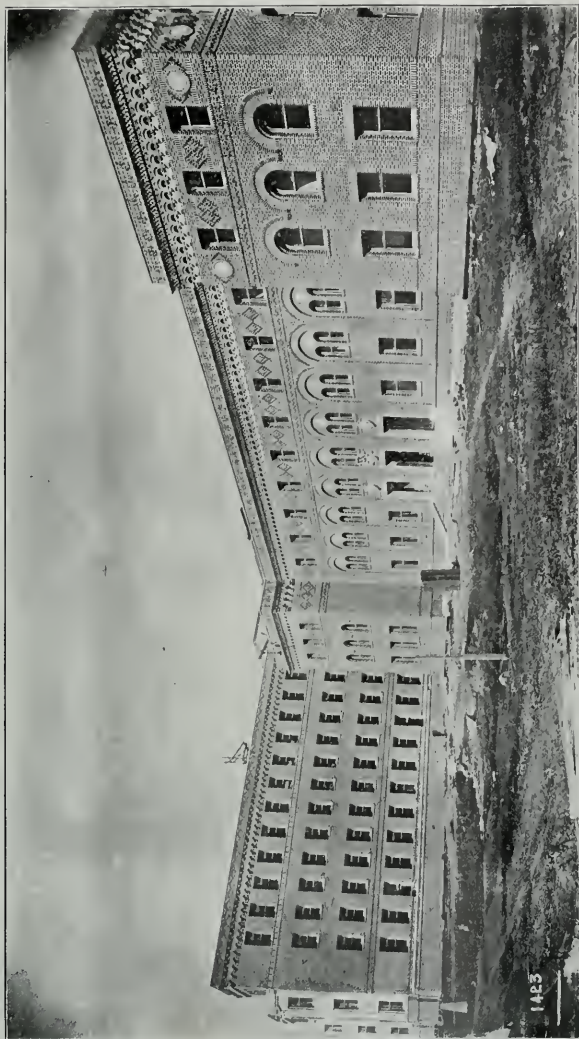
(374) S STAPLES 35 E Genesee. One-story and basement frame dwlg.
Owner.....C. S. Alired, 150 Onondago Ave., San Francisco.
Architect.....None.
Day's work.....
COST, \$1300

(375) SE STAPLES AND GENESSEE. One-story and basement frame dwlg. story and basement frame dwlg.
Owner.....C. S. Alired, 150 Onondago Ave., San Francisco.
Architect.....None.
Day's work.....
COST, \$1000



VIEW OF THE PRINCIPAL BUILDINGS OF THE SAN FRANCISCO HOSPITAL GROUP
San Francisco

City Department of Architecture
San Francisco



MAIN ADMINISTRATION BUILDING SAN FRANCISCO HOSPITAL
San Francisco

City Department of Architecture
San Francisco

(376) SE RAIL ROAD AVE AND Kirkwood. Reshingle roof and walls of dwelling.
Owner.....Mrs. C. Hodgkins, 961 60th, Oakland.
Architect...None.
Contractor..G. A. Gordon, 425 Hudson, Oakland.
COST, \$500

(377) NO. 2468 GREENWICH. Minor repairs in saloon.
Owner.....John Williams and John Siller, Premises.
Architect...None.
Contractor..M. M. Finlayson, 110 Jessie San Francisco.
COST, \$1000

(378) NO. 1526 CALIFORNIA. Extend rear of building and install windows.
Owner.....S. F. Ass'n. for the Bland, Premises.
Architect...Sylvian Schnaitacher, 1st National Bank Bldg., S. F.
Day's work. COST, \$1000

(379) NOS. 520-22-24 COMMERCIAL. Waterproof side of building with 3 ply felt asphalt and 2 coats of Portland cement plaster.
Owner.....Robert Sheehy, 525 Clay, San Francisco.
Architect...None.
Contractor..Western Asbestos Magnesite Co., 25-27 South Park San Francisco.
COST, \$400

(380) E THIRTEENTH AVE 75 N Kirkham. Two-story and basement frame dwelling.
Owner.....O. Swanson and J Bjorkman, 4066 18th, S. F.
Architect...None.
Contractor..Oscar Swanson.
COST, \$2300

(381) E THIRTEENTH AVE 50 N Kirkham. Two-story and basement frame dwelling.
Owner.....O. Swanson and J Bjorkman, 4066 18th, S. F.
Architect...None.
Contractor..Oscar Swanson.
COST, \$2300

(382) EXPOSITION SITE. Construction and installation of sewers for Court of Abundance and Court of Flowers.
Owner.....Panama-Pacific International Exposition Co., Exposition Bldg., S. F.
Architect...None.
Contractor..Michael Murphy.
Filed Feb. 9, '14. Dated Feb. 3, '14.
As work progresses..... 75%
Usual 35 days..... 20%
TOTAL COST, \$4700

Bond, \$3000 Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(383) S CLAY 200 E Drumm E 75xS 119-6. Plastering for additions of 2d story to two-story and basement brick building.
Owner.....Zellerbach Levison Co.
Architect...None.
Contractor..Domenico D. and Jos D. Uomlin (as Pacific Plastering Co.)
Filed Feb. 9, '14. Dated Jan. 29, '14.
Brown coated.....\$687.50
Completed and accepted..... 343.75

Usual 35 days..... 313.75
.. TOTAL COST, \$1375.00
Bond, \$687.50. Surety, Globe Indemnity Co. Limit, 20 days. Forfeit, \$10. Plans and specifications filed.

(384) ELECTRICAL WORK ON above
Contractor..Seth Cohn Elec. Co., Hearst Bldg., San Francisco.
Filed Feb. 9, '14. Dated Jan. 28, '14.
Electrical work roughed in...\$241.90
Completed and accepted..... 86.60
Usual 35 days..... 107.50
TOTAL COST, \$430.00
Bond, \$215. Sureties, Max M. Cohn and S. Sonnenberg. Limit, 20 days. Forfeit \$10. Plans and specifications filed

(385) NE WASHINGTON AND DAVIS N 120x E 70 Steel and iron work for one-story and basement building.
Owner.....Davis Street Realty Co.
Architect...Earl B. Scott, Humboldt Bank Bldg., S. F.
Contractor..Pacific Rolling Mills Co., Sharon Bldg., S. F.
Filed Feb. 9, '14. Dated Feb. 6, '14.
Completed and accepted.....\$1490
Usual 35 days..... 500
TOTAL COST, \$1990
Bond, \$1000. Surety, Globe Indemnity Co. Limit, none. Forfeit, \$20. Plans and specifications filed.

(386) BRICK WORK, POINTING, CEMENTING, cleaning down, etc., on above.
Contractor..Gilbertsen & John, 110 Jessie, San Francisco.
Filed Feb. 9, '14. Dated Feb. 4, '14.
Walls completed up to the under side of ceiling joists.....\$800
Completed and accepted..... 650
Usual 35 days..... 500
TOTAL COST, \$1950
Bond, \$975. Surety, Aetna Accident & Liability Co. Limit, as required. Forfeit, \$20. Plans and specifications filed.

(387) CARPENTER AND MILL WORK glazing, tin and galvanized iron work on above.
Contractor..A. Olson, 289 Fell, S. F.
Filed Feb. 9, '14. Dated Feb. 4, '14.
Girders and floor joists of 1st floor in place.....\$ 500
Ceiling and rafters in place and roof sheathed..... 1000
Completed and accepted..... 2235
Usual 35 days..... 1245
TOTAL COST, \$4980
Bond, \$2490. Surety, Fidelity & Deposit Co. of Maryland. Limit, as required. Forfeit, \$20. Plans and specifications filed.

(388) NO. 2770 JACKSON. Underpin residence.
Owner.....Chas. Overmann, Prem.
Architect...None.
Contractor..Anderson & Rainey, 180 Jessie, San Francisco.
COST, \$500

(389) NO. 522 FORTY-SIXTH AVE. Excavate and minor repairs.
Owner.....Margaret McKenzie, 522 46th Ave., San Francisco.
Architect...None.
Day's work. COST, \$500

(390) W GOUGH 65 N Union. One-story frame garage.
Owner.....James Devoto, 1704 Union, San Francisco.
Architect...None.

Contractor..Cazzaretto & Co., 2503 Franklin, San Francisco.
COST, \$500

(391) E EIGHTEENTH AVE 225 S Anza. Two-story and basement frame dwelling.
Owner.....Frank Lapham, 520 13th Ave., San Francisco.
Architect...None.
Contractor..Henry W. Jansen, 536 27th Ave., San Francisco.
COST, \$3000

(392) NO. 615 GENESEE. One-story and basement frame dwelling.
Owner.....A. Parpart, Premises.
Architect...None.
Day's work. COST, \$600

(393) SE CLAY AND PRESIDIO. Reshingle walls of dwelling.
Owner.....Mrs. S. Blum, 3281 Clay, San Francisco.
Architect...None.
Contractor..F. A. Jennings, 3138 Sacramento, San Francisco.
COST, \$300

(394) E MONTGOMERY 137-6 N Post. Brick foundation.
Owner.....G. H. F. Nuttall.
Architect...Albert Pissis, Flood Bldg., San Francisco.
Contractor..M. V. Brady, Monadnock Bldg., San Francisco.
COST, \$400

(395) N.J. 2320 MISSION. New floor and foundation.
Owner.....B. H. and J. H. Hanchen, Premises.
Architect...None.
Day's work. COST, \$400

(396) W EIGHTH AVE 263 S Lawton. Two-story and basement frame residence.
Owner.....H. B. and L. D. Allen, 128 Sutter, San Francisco.
Architect...Albert Farr, 68 Post, S. F.
Contractor..Allen & Co, 123 Sutter, San Francisco.
COST, \$10,000

(397) W MISSION 70 S 17th. Alter and repair present building into 18 apartments.
Owner.....Chas. Katz, 2400 Dolores, San Francisco.
Architect...None.
Day's work. COST, \$5000

(398) E POLSOM AND SIXTH NE 100 x SE 90. Excavating, brick and concrete, carpenter, raising building, underpinning, plumbing, gas and electric work for three-story frame building.
Owner.....Est. Andrew M. Davis, dec'd, by George M. Davis, Extr.
Architect...Wm. Mooser, Nevada Bk. Bldg., San Francisco.
Contractor..E. K. Pearson, 2374 Bryant, San Francisco
Filed Feb. 10, '14. Dated Feb. 6, '14.
Building raised to grade.....\$900
Completed and accepted..... 428
Usual 35 days..... 410
TOTAL COST, \$1638

Bond, \$820. Surety, Massachusetts Bonding & Insurance Co. Limit, 50 days. Forfeit, \$10. Specifications only filed.

- (399) W FIFTEENTH AVE 150 N Judah N 25. All work for one and one-half-story frame cottage. Owner.....Lawrence O'Connell. Architect...None. Contractor...C. Wengard, 3638 Judah, San Francisco. Filed Feb. 10, '14. Dated Feb. 9, '14. Frame up and covered with roof.....\$687.50. Brown coated.....687.50. Completed and accepted.....687.50. Usual 35 days.....687.50. TOTAL COST, \$2750.00. Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.
- (400) N MORAGA 33 E 10th Ave E 25 xN 100 O L 856. All work for two-story and basement frame residence. Owner.....Edw. F. and Nellie G. Kearny, 369 Eureka, S. F. Architect...None. Contractor...Alfred Johnson, 2423 Clement, San Francisco. Filed Feb. 10, '14. Dated Feb. 5, '14. Frame and ceiling rafters up.....\$663.75. Brown coated.....663.75. Completed and accepted.....663.75. Usual 35 days.....663.75. TOTAL COST, \$2655.00. Bond, none. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.
- (401) S TWENTY-NINTH 125 E Sanchez, No. 265 29th. Excavation, concrete, lumber, mill, patent flues, building paper, stairs, glazing, tiling lath and plaster, tinning, painting and electric work for two-story and basement frame flats and move to rear of lot and alter present bldg. Owner.....Minnie G. Vogel, 365 29th, San Francisco. Architect...O. E. Evans, 2367 Mission, San Francisco. Contractor...G. Cavaglieri, 593 Potrero Ave., San Francisco. Filed Feb. 10, '14. Dated Feb. 3, '14. Rafters of new building on and present building moved and underpinned.....\$1375. Brown coated.....1375. Completed and accepted.....1375. Usual 35 days.....1375. TOTAL COST, \$5500. Bond, \$2750. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeit, \$2. Plans and specifications filed.
- (402) SE JACKSON AND FILLMORE E 95XN 40. Construction of a basement to one-story building. Owner.....Angelo Bell, NW Fillmore and Washington, S. F. Architect...Chas. Pantoni, 916 Greenwich, San Francisco. Contractor...V. Filippis, 1223 Kearny, San Francisco. Filed Feb. 10, '14. Dated Feb. 9, '14. Foundation ready to receive steel and wood work.....\$300. Waterproof floor done and side walk concrete slate constructed 300 Completed and accepted.....300. Usual 35 days.....420. TOTAL COST, \$1320. Bond, \$660. Surety, Fidelity & Deposit Co. of Maryland. Limit, 75 days. Forfeit, \$1. Plans and specifications filed.
- (403) S FULTON 125 W Broderick W 25XN 137-6. All work except gas and electric fixtures and shades for two-story & basement frame apartments. Owner.....Leo and L. Kolbe, 1051 Page, San Francisco. Architect...None. Contractor...J. Prout, 2020 Turk, S. F. Filed Feb. 10, '14. Dated Jan. 31, '14. Roof on.....\$1625. 1st coat plaster on.....1625. Completed and accepted.....1625. Usual 35 days.....1625. TOTAL COST, \$6500. Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.
- (404) W FORTY-FIRST AVE 175 N Irving W parallel with Irving 120XN 25. All work for two-story and basement frame stores and flat. Owner.....Serafino & Maria Petrucci, 1697 Haight, San Francisco. Plans by...J. W. Gillogley. Contractor...J. Gillogley & Sons, 714 San Jose Ave., S. F. Filed Feb. 10, '14. Dated Feb. 7, '14. Rough frame up.....\$787. Brown coated.....787. Completed.....786. Balance of \$600 secured by mortgage payable 1 year from date at 6% per annum.....786. TOTAL COST, \$2960. Bond, \$1480. Sureties, Sylvain J. Lazarus and R. W. Gillogley. Limit, 80 days from recording. Forfeit, none. Plans and specifications filed.
- (405) W FOLSOM 75 N E Eighth. Three-story and basement brick stores and lodging house. Owner.....Egan Bros., 185 Stevenson, San Francisco. Architect...None. Contractor...R. W. Moller, 185 Stevenson, San Francisco. COST, \$12,000.
- (406) NO. 127 GRANT AVE. Alter front and erect stairway and partition. Owner.....Geo. A. Bloss Glove Co., Premises. Architect...None. Contractor...H. Schulte & Son, 630 Precita Ave., S. F. COST, \$500.
- (407) NO. 1525 WEBSTER. Minor changes in dwelling. Owner.....Josephine Read, Premises. Architect...None. Contractor...Kronklick Bros., 1659 O'Farrell, San Francisco. COST, \$1000.
- (408) E TWENTY-THIRD AVE 150 S Anza. Alter and repair residence. Owner.....L. H. Stewart, 524 23d Ave, San Francisco. Architect...None. Contractor...A. Whitman, 2321 Anza, San Francisco. COST, \$400.
- (409) E TWENTY-THIRD AVE 125 S Anza. Alter and repair dwelling. Owner.....G. E. Biddell, 522 23d Ave., San Francisco. Architect...None. Contractor...A. Whitman, 2321 Anza, San Francisco. COST, \$400.
- (410) NOS. 617-19 GIRARD. Repair and add to dwelling. Owner.....Frank Grabe, 2998 San Bruno Ave., S. F. Architect...None.
- Contractor...Schlichtman & Maguire, 2561 San Bruno Ave., S. F. COST, \$100.
- (411) NO. 2271 MARKET. Enlarge windows. Owner.....Lobue Bros, Premises. Architect...None. Contractor...A. Sauer, 319 Noe, S. F. COST, \$100.
- (412) W TWENTY-THIRD AVE 250 S Irving. Two-story and basement frame dwelling. Owner.....Gus Koster, 1235 16th Ave., San Francisco. Architect...None. Day's work. COST, \$1500.
- (413) W TWENTY-FIFTH AVE 150 S California. One and one-half-story and basement frame dwelling. Owner.....Norman H. Smith, 359 24th Ave., San Francisco. Architect...None. Contractor...B. J. Hooper, 450 12th Ave., San Francisco. COST, \$2100.
- (414) S LAWTON 71 E 10th Ave. One and one-half-story and basement frame dwelling. Owner.....A. V. Anderson, 4223 23rd, San Francisco. Architect...None. Day's work. COST, \$2100.
- (415) S STEVENSON 342-6 W Fifth W 22-6XN 75. All work for one-story and basement Class "C" reinforced concrete building. Owner.....Richard S. McCreery, 221 Sansome, San Francisco. Architect...Chas. Paff & Co., Merchants' Exchange Bldg., San Francisco. Contractor...E. F. Burke, 43 Sussex, San Francisco. Filed Feb. 11, '14. Dated Feb. 9, '14. On 1st and 15th of each month 75% Usual 35 days.....25%. TOTAL COST, \$1690. Bond, \$2345. Surety, Pacific Coast Casualty Co. Limit, 40 days. Forfeit, \$5. Plans and specifications filed.
- (416) N GREENWICH 37-6 W Devisadero W 25XN 112-6. All work except grading, concrete, cement, terrazzo, mosaic, plumbing, shades, gas and electric fixtures for two-story and basement frame residence. Owner.....Cesare Soracco, 2434 Greenwich, S. F. Architect...None. Contractor...Norio Cavaglia, 946 Greenwich, San Francisco. Filed Feb. 11, '14. Dated Dec. 10, '13. Frame up.....\$895. Brown coated.....895. Completed and accepted.....895. Usual 35 days.....900. TOTAL COST, \$3585. Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.
- (417) E THIRD 79-11 S Harrison S 25 xE parallel with Harrison 77-6. Reinforced and plain concrete work, excavating, grading and steel work for one-story Class "C" store building. Owner.....Augustin S. Macdonald, Mills Bldg., S. F. Architect...A. W. Pattiani, Merchants' National Bank Bldg., S. F. Contractor...John Spargo, 926 Presidio Ave., San Francisco.

Filed Feb. 11, '14. Dated Feb. 5, '14.
Concrete in place and up to level
of 1st floor\$675
Completed and accepted..... 550
Usual 35 days..... 550

TOTAL COST, \$2175

Bond, \$1088 Surety, Fidelity & Deposit Co. of Maryland. Limit, 45 days.
Forfeit, none. Plans and specifications filed.

(418) EXPOSITION SITE. Construction of the Main Entrance Tower, except sewer and water pipe, electric wiring and elevators.

Owner.....Panama-Pacific International Exposition Co., Exposition Bldg., S. F.
Architect...Thas. Hastings.

Contractor...Commarty-Peterson Co., 46 Kearny, San Francisco.
Filed Feb. 11, '14. Dated Feb. 5, '14.
As work progresses..... 75%
Usual 35 days..... 25%

TOTAL COST, \$206,000

Bond, \$110,000. Surety, New England Casualty Co. Limit, 200 days. Forfeit, \$150. Bonus, \$150. Plans and specifications filed.

(419) STAFF AND PLASTER WORK, wire lathing and trusslet work on Main Entrance Tower.

Contractor...Commarty-Peterson Co., 46 Kearny, San Francisco.
Sub-Contractor...Pietro Prasso & Chas. Planta, 783 Vienna, S. F.

Filed Feb. 11, '14. Dated Feb. 11, '14.
Payments same as above.....

TOTAL COST, \$75,000

Bond, Limit, 120 days. Forfeit, \$75. Plans and specifications, none.

(420) EXPOSITION SITE. Electric wiring for Varied Industries Bldg., Mines Bldg., Manufacturers Bldg., and Transportation Bldg.

Owner.....Panama-Pacific International Exposition Co., Exposition Bldg., S. F.
Architect...None.

Contractor...McFell Elec. Co., Merchants' Exchange Bldg., San Francisco.

Filed Feb. 11, '14. Dated Feb. 9, '14.
As work progresses..... 75%
Usual 35 days..... 25%

TOTAL COST, \$9950

Bond, \$6000. Surety, Massachusetts Bonding & Insurance Co. Limit, July 1, 1914. Forfeit, \$10. Plans and specifications filed.

(421) N OAK 157-6 W Van Ness Ave W 89-9 N 120 E 68-9 S 40 E 31 S 80. Elevator work for building.

Owner.....The Young Men's Institute Hall Association.

Architect...W. D. Shea, 244 Kearny, San Francisco.

Contractor...Pacific Gurney Elev. Co., 186 5th, San Francisco.

Filed Feb. 13, '14. Dated Feb. 2, '14.
On 1st of each month comm. June 1, 1914..... 75%
Usual 35 days..... 25%

TOTAL COST, \$4000

Bond, \$3000. Surety, Illinois Surety Co. Limit, 150 days after Feb. 16, 1914. Forfeit, none. Specifications only filed

(422) N LINDEN AVE 165 W Laguna W 27-6XN 45. All work for two-story and basement frame apartments.

Owner.....J. J. and Mary E. Silvey, 644 Hayes, San Francisco.
Architect...C. E. Gottschalk, Phelan Bldg., San Francisco.

Contractor...F. J. Durham.
Filed Feb. 13, '14. Dated Jan. 15, '14

2nd floor joists in position.....\$525
Frame up and roof on..... 525
Rough coat plaster on..... 525
Completed and accepted..... 525
Usual 35 days..... 525

TOTAL COST, \$3500

Bond, \$1750 Sureties, Geo. M. Berry and P. J. McNally. Limit, 70 days. Forfeit, none. Plans and specifications filed.

(423) W SECOND AVE 289-11% S Cabrillo W 120 S 41.31 NE 120.62 N 29 O L 382. All work for two-story frame flats.

Owner.....S. P. and Adelaide L. Russell, 492 Page, S. F.

Architect...None
Contractor...J. D. Bell, Pacific Bldg., San Francisco.

Filed Feb. 13, '14. Dated Jan. 31, '14.

Frame up\$1337 50
Ready for lathing..... 1337 50
Completed and accepted..... 1337 50
Usual 35 days..... 1337 50

TOTAL COST, \$5350 00

Bond, limit, forfeit, none. Plans and specifications filed.

NOTE:—Plans were prepared for the above by O. R. Thayer, Merchants' National Bank Bldg.

(424) W TWENTY-FIFTH AVE 150 S California S 25XW 120. All work for one and one-half-story frame residence.

Owner.....Norman H. Smith, 359 24th Ave., San Francisco.

Architect...Plans by Contractor.
Contractor...Byron J. Hooper, 450 12th Ave., San Francisco.

Filed Feb. 13, '14. Dated Feb. 9, '14

Frame up\$525
Brown coated 525
Completed and accepted..... 525
Usual 35 days..... 525

TOTAL COST, \$2100

Bond, limit, forfeit, none. Plans and specifications filed.

(425) NW SUTTER AND TRINITY PL 40 on Sutter and 115 on Trinity Pl.

Elevator work for alterations to present bank building and 10-story addition to same.

Owner.....French-American Bank of Savings, Premises by P. J. Walker Co., Monadnock Bldg., San Francisco.

Architect...E. A. Bozlo, 1125 Laguna, San Francisco.

Contractor...Otis Elevator Co., Beach and Stockton, S. F.

Filed Feb. 13, '14. Dated Feb. 4, '14

When machinery, motors and guides are in 50%
When completed 25%
36 days after 25%

TOTAL COST, \$4700

Bond, \$2350. Surety, National Surety Co. Limit, as fast as required. Forfeit, none. Plans and specifications filed.

(426) ROUGH & FINISH CARPENTRY; etc., on above.

Contractor...Pettersen & Persson, Lick Bldg., San Francisco.

Filed Feb. 13, '14. Dated —
On 1st and 15th of each month 75%

36 days after 25%
TOTAL COST, \$12,373
Bond, \$6187 Sureties, H. C. and C. A. Bennett. Limit, without delay Forfeit, none. Plans and specifications filed

(427) METAL LATH AND LIGHT Iron furring on above.

Contractor...National Lathing & Furring Co., Monadnock Bldg., San Francisco.

Filed Feb. 13, '14. Dated Feb. 7, '14.
Payments same as above.....

TOTAL COST, \$1815

Bond, \$2408. Surety, The Aetna Accident & Liability Co. Limit, as required Forfeit, none. Plans and specifications filed.

(428) NE JULIAN AVE AND 16TH. Repair and alter store.

Owner.....W. H. Hyde Jr.
Architect...August Nordin, Mills Bldg., San Francisco.

Day's work. COST, \$1000

(429) NO. 247-A CAPP. Minor alterations in flat.

Owner.....Benj. Juddie, 288 28th, Oakland.

Architect...None.
Contractor...R. Dexter, 2212 Grove, Oakland.

COST, \$400

(430) E TWENTY-SECOND AVE 300 N Clement. Two-story and basement frame dwelling.

Owner.....M. F. Nolan, 228 Noe, S. F.
Architect...None

Day's work. COST, \$2350

(431) NO. 634 SHOTWELL (rear). One-story and basement frame cottage.

Owner.....Wadeslaus Malecki, 634 Shotwell, San Francisco.

Architect...None.
Contractor...Paul Breiza, 106 Persia Ave., San Francisco.

COST, \$100

(432) E NEVADA 87 N Jarhoe. One-story and basement frame dwelling.

Owner.....Arthur Lindberg, 72 Gates, San Francisco.

Architect...None.
Day's work. COST, \$1000

(433) NO. 2198 GEARY. Extend show room 11 feet.

Owner.....N. Gray & Co., Premises, San Francisco.

Architect...None.
Contractor...P. J. Cole, 110 Jessie, San Francisco.

COST, \$400

(434) SW DEVISADERO AND POST. New roof.

Owner.....Hibernia Savings & Loan Society.

Architect...None.
Contractor...H. W. Hjul, 325 Merchants' Exchange Bldg., S. F.

COST, \$1000

(435) LT "G" Sea Cliff Tract. Two-story basement and attic frame residence.

Owner.....S. A. Born Bldg. Co., 660 Market, San Francisco.

Architect...Edw. G. Bolles, 660 Market, San Francisco.

Day's work. COST, \$5500

(436) SE JESSIE AND SIXTH. Alter restaurant.
Owner.....W. Moore, 245 Leavenworth, San Francisco.
Architect...None.
Contractor...J. Kusich, 1688 Vallejo, San Francisco.

COST, \$400

(437) NO. 940 POTRERO AVE. Add kitchen and minor repairs.
Owner.....Jas. Simpson, 451 Edinburgh, San Francisco.
Architect...None.
Day's work.....

COST, \$400

(438) LOT "J" Sea Cliff Tract. Three story and basement frame residence.
Owner.....S. A. Horn Bldg. Co., 660 Market, San Francisco.
Architect...E. G. Boiles, 660 Market, San Francisco.
Day's work.....

COST, \$6000

(439) NO. 32 BRUCE AVE. Move dwelling, build new foundation and add one room.
Owner.....R. Schubert, Premises.
Architect...None.
Day's work.....

COST, \$500

(440) LOT 27 BLK 14, Forest Hill. Two-story frame residence.
Owner.....Arthur Elvin, 3554 23rd, San Francisco.
Architect...Fabre & Bearwald, Merchants' National Bk Bldg., San Francisco.
Day's work.....

COST, \$1500

(441) N ANZA 32-6 E Second Ave. Two-story frame dwelling.
Owner.....Mary H. McGaffigan, 482 2nd Ave., San Francisco.
Architect...None.
Day's work.....

COST, \$3000

(442) NE VALLEJO AND TAYLOR. One-story frame observatory.
Owner.....Russian Hill Imp. Co., 68 Post, San Francisco.
Architect...Matthew O'Brien, 68 Post, San Francisco.
Day's work.....

COST, \$500

(443) SW UNDERWOOD 75 SE "L". One-story and basement frame dwlg.
Owner.....Clara Ochoa, 1595 21st Ave, San Francisco.
Architect...None.
Contractor...Louis Sabedra, 246 Vienna, San Francisco.

COST, \$1000

(444) W TWENTY-SIXTH AVE 32-6 S Anza. One-story and basement frame dwelling.
Owner.....M. F. Dunn, 507 6th Ave., San Francisco.
Architect...None.
Contractor...E. D. Dunn, 507 6th Ave., San Francisco.

COST, \$1800

(445) W ROUSSEAU 150 S Bosworth. One-story and basement frame dwlg.
Owner.....J. F. Hefferman, 59 Santa Marina Ave., S. F.
Architect...None.
Day's work.....

COST, \$1400

(446) W ROUSSEAU 75 S Bosworth. One-story and basement frame dwlg.
Owner.....J. F. Hefferman, 59 Santa Marina Ave., S. F.
Architect...None.
Day's work.....

COST, \$1400

(447) LOCATION NOT GIVEN. Heating and ventilating system for Richmond Branch S. F. Library.
Owner.....Board of Trustees of the Public Library and Reading Rooms.

Architect...Bliss & Faville, Balboa Bldg., San Francisco.
Contractor...Pacific Blower & Heating Co., 3261 17th, S. F.

Filed Feb. 14, '14. Dated Feb. 11, '14.
As work progresses monthly installments of 75%
Usual 35 days..... 458.75

TOTAL COST, \$1835.00

Bond, \$915. Surety, Chicago Bonding & Insurance Co. Limit, May 15, 1914. Forfeit, \$10. Plans and specifications filed.

(448) NE LARKIN AND O'FARRELL E 91-6XN 43-9. All work for two-story and basement brick stores and flats.

Owner.....John Woebecke, 561 Ellis, San Francisco.
Architect...Salfeld & Kohlberg, Clunie Bldg., S. F.
Contractor...Munster & Bornholdt, 110 Jessie, San Francisco.

Filed Feb. 14, '14. Dated Feb. 13, '14.
Basement walls ready for 1st floor joists \$2100
Ceiling joists on 3000
Partitions set and roof on 2000
Standing finish on 2000
Completed and accepted..... 2000
Usual 35 days..... 3735

TOTAL COST, \$14,835

Bond, \$7417.50. Sureties, Wm. Camp and Chas. A. Carillon. Limit, 100 days. Forfeit, \$5. Plans and specifications filed.

(449) SE TWENTY-THIRD AND Bryant 50x52. All work for three-story and basement reinforced concrete stores and flats.
Owner.....Vittorio and Agostina Sattui, 2507 Bryant, S. F.

Architect...Louis Mastropasqua, 580 Washington, S. F.
Contractor...G. Trevia and G. B. Pasqualetti, 748 Union, S. F.

Filed Feb. 14, '14. Dated Feb. 11, '14.
2nd floor joists on \$3153
Roof completed 3153
Brown coated 3153
Completed and accepted..... 3153
Usual 35 days..... 5255

TOTAL COST, \$17,867

Bond, \$8932.50. Sureties, Angelo V. Garasino and Domenico Trevia. Limit, 50 days after basement has been completed and accepted. Forfeit, \$10. Plans and specifications filed.

(450) CONCRETE, STEEL AND REINFORCED concrete from basement floor to 1st floor, including side-walks on above.

Contractor...G. Trevia and G. B. Pasqualetti, 748 Union, S. F.
Filed Feb. 14, '14. Dated Feb. 11, '14.
Basement completed and accepted \$2364.75
Usual 35 days..... 788.25

TOTAL COST, \$3153.00

Bond, \$1576.50. Sureties, Angelo V. Garasino and Domenico Trevia. Limit, 40 days after grading of lot done. Forfeit, none. Plans and specifications filed.

(451) S CALIFORNIA 82-6 W 25th Ave W 50xS 100. All work for two-story and basement frame 4 flats.

Owner.....L. M. & Betty Shuck, 6527 California, San Francisco.
Architect...None.

Contractor...Lincoln U. Grant, 1259 37th Ave., San Francisco.

Filed Feb. 14, '14. Dated Feb. 14, '14
Foundation in \$ 500
2nd floor joists in place..... 500
Roof on 500
Brown coated 500
Ready for painting..... 500
Finished and accepted..... 650
Usual 35 days..... 1100

TOTAL COST, \$4250

Bond, none Limit, 100 days from recording. Forfeit, none. Plans and specifications filed.

NOTE:—Specifications read erection of two-story frame flat building and remodeling of old building adjoining into two flats.

INCORPORATIONS.

Consolidated Mutual Oil Co. Capital Stock, \$3,000,000; subscribed, \$25; shares, \$1 each. Directors—T. C. Kierulff, G. T. Hatton, L. Titus, J. H. MacLafferty, C. G. Dall, 5 shares each. Place of business, San Francisco.

Diamond Discount Check Association Capital Stock, \$10,000; subscribed, \$300; shares, \$100 each. Directors—D. E. Perkins, W. E. Pitcher, H. C. Montgomery, 1 share each. Place of business, San Francisco.

New Method Gravel Mining Co. Capital Stock, \$75,000; subscribed \$3; shares \$1 each. Directors—H. Hollar, F. P. Morrill, O. E. Chaney, 1 share each. Place of business, San Francisco.

Eureka Securities Co. Capital Stock, \$10,000; subscribed, \$350; shares, \$50 each. Directors—L. D. Byrne, J. S. Lamson, W. W. Kergan, F. F. Ramacioti, A. B. Sibley, S. L. King and P. H. Hess, 10 shares each. Place of business, San Francisco.

Rodeo Mining Co. Capital Stock, \$100,000; subscribed, \$500; shares, \$100 each. Directors—E. P. Crawford, W. F. Lorenz, B. D. Morse, A. Grecian, E. H. Webb, 1 share each. Place of business, San Francisco.

Cavarty Estate Co. Capital Stock, \$150,000; subscribed, \$500; shares, \$100 each. Directors—E. C. Henzel, J. F. Hulme, J. M. Cavarly, E. P. Hulme, E. P. Henzel, 1 share each. Place of business, San Francisco.

Crystal Vision Mfg. Co. Capital Stock, \$50,000; subscribed, \$50; shares, \$1 each. Directors—W. Teitel, H. C. Pfister, J. R. Roberts, J. W. Carlen and W. R. Cantrell, 10 shares each. Attorney, Russell W. Cantwell. Place of business, San Francisco.

Athenian Cigarette Co. Capital Stock, \$25,000; subscribed, \$25,000; shares, \$100 each. Directors—W. H. Ambrecht, 150 shares; F. H. Meyer, T. P. Eliopoulos, 50 shares each. Attorney, Jessie W. O'Neill, Alameda, Cal. Place of business, San Francisco.

Monarch Mercantile Co. Capital Stock, \$10,000; subscribed, \$3; shares, \$1 each. Directors—D. Phetteplace, A. A. Twing, W. Bischoff, 1 share each. Attorney, Henry K. Norton, 230 Security Bldg., Los Angeles. Place of business, San Francisco.

Stella-Shasta Consolidated Gold Mining Co. Capital Stock, \$1,500,000; subscribed, \$30; shares \$1 each. Directors—F. M. Sponogle, M. E. Sanchez, D. J. Holloran, 10 share each. Place of business, San Francisco.

Deering Bros. Capital Stock, \$15,000; subscribed \$13; shares \$1 each. Directors—H. M. Owens, E. Rothe, P. F. Crogreen, 5 shares each. Place of business, San Francisco.

Western Woman's Herald Publishing Co. Capital Stock, \$10,000; subscribed, \$20; shares \$10 each. Directors—A. Franklin, E. T. Kidel, E. K. Harrison. 1 share each. Place of business, San Francisco.

Robert McLelland, Capital Stock, \$10,000; subscribed, \$5; shares \$1 each. Directors—R. McLelland, 3 shares; J. S. McLelland and R. C. Stoddard, 1 share each. Place of business, San Francisco. Columbia Loan and Jewelry Co. Capital Stock, \$72,000; subscribed \$72,000; shares \$1000 each. Directors—L. Van Vliet, 61 shares; Louis Van Vliet, 10 shares and F. Van Vliet, 1 share. Place of business, San Francisco.

Bell Amusement Co. Capital Stock, \$5000; subscribed, \$5000; shares \$100 each. Directors—E. Fried, 1 share; T. O'Day and M. O'Brien, 24 shares each. Place of business, San Francisco.

NOTICE OF NON-RESPONSIBILITY.

Feb. 13, 1914—W TWENTY-SIXTH Ave 32-6 S Anza S 27-6xW 90. Jacob Weissbein as to improvements on leased property.....
Feb. 11, 1914—E MISSION 193-4 N 24th N 53-8 E 122-6 S 41-11 SW 123-7 1/2. Melissa A Potter as to improvements on leased property.....
Feb. 9, 1914—E MISSION 100 N 24th N 93-4 NE 123-7 S 110-1 W 122-6. Rudolph Herman Co as to improvements on leased property.....

NOTICE OF NON-LIABILITY.

Feb. 13, 1914—PTN SE BUSH AND Grant Ave 69-6 on Bush and 130 on Grant Ave and 69 on Berry Place. M Fleishacker as to improvements on leased property.....

BUILDING CONSTRUCTION SINCE FIRE.

Buildings Erected Since the Fire of April 1906.

Building operations from May 1906 to January 31st, 1914, as reported by the Bureau of Building Inspection of the Board of Public Works is as follows:

Class	No. of Bldgs	Amount
Class "A".....	166	\$ 33,070,261
Class "B".....	196	14,293,556
Class "C".....	2651	78,710,670
Frames.....	24249	92,631,245
Alterations.....	21434	17,371,917
Exposition Bldgs.....	16	6,127,000
Public Bldgs.....	3	320,000
Total.....	48715	\$242,532,922

COMPLETION NOTICES.

San Francisco.

Feb. 7, 1914—N WILLIAMS AVE 50 W Ceres W 25xN 100. Richard A and Caroline Godfrey to Stevenson & Gowan.....Feb. 6, 1914
Feb. 7, 1914—N McALLISTER 30-1 W Gough W 34-11xN 100. Marks Bros to C C Sayre.....Feb. 4, 1914
Feb. 7, 1914—S BROADWAY 123-6 E Mason 25x75 N Dentone or

Dentoni to Devencenzi Bros & Co.....Feb. 6, 1914

Feb. 7, 1914—N DUNCAN 125 W Guerrero W 25xN 114. Bessie Goldman (w/ Jack Goldman) to W C Hamerton & Son.....Feb. 7, 1914

Feb. 9, 1914—W MISSION 137 N 17th 23-6 on Mission x 117. Frank M Scoonover to Ward & Goodwin.....Feb. 6, 1914
Feb. 9, 1914—S PINE 137-6 E Leavenworth E 37-6xS 137-6. Clara K and Adolphine Sutto to J S Hannah, Jan 31; The J Looney Co. Jan 31, 14

Feb. 9, 1914—NW POST AND SCOTT N 165 W 192-6 S 55 E 55 S 110 E 137-6. Mount Zion Hospital to Troy Laundry Machinery Co.....Feb. 4, 1914
Feb. 9, 1914—LOT 36 BLK 25, Crocker Amazon Tract, being on E Naples 50 N Munich. Johan Knudsen to whom it may concern.....Feb. 7, 1914

Feb. 9, 1914—N CALIFORNIA 81-3 E Scott E 35 N 132-7 1/2 W 35 S 132-7 1/2 Marlon B White to L A Kern.....Feb. 2, 1914
Feb. 9, 1914—E FORTY-FIRST AVE 100 N Cabrillo (C) N 25x E 129. Mollie I Lange and Wm F Lange to whom it may concern.....Feb. 6, 1914

Feb. 9, 1914—E TWENTY-THIRD Ave 90 S Ulloa S 30x E 120. Frank C Keefe to Wm Van Herick.....Jan. 31, 1914
Feb. 9, 1914—W TRINITY 68-9 N Sutter N 61-3 1/2 N 34-1 1/2 E 61-3 1/2 S 34-1 1/2. French American Bank of Svcs by P J Walker, Agt. to O E Brady.....Jan. 20, 1914

Feb. 10, 1914—BASEMENT OF MERCHANTS' Exchange and Insurance Exchange. Merchants' Exchange Club cpn to Foster Vogt Co cpn.....Feb. 9, 1914
Feb. 10, 1914—E GOUGH 81-3 S Fulton S 25x E 82-6. Lorenz Keller to Mager Bros.....Feb. 10, 1914

Feb. 10, 1914—W FOURTH AND Jessie NW 75xSW 75. Mary L Phelan to Chas H Hook. Feb. 9, 1914
Feb. 10, 1914—N GREEN 86-6 E Baker E 26 N 112-6 W 25 S 25 W 1 S 87-6. Robina R Slack to Leaf & Kaiser.....Feb. 3, 1914

Feb. 10, 1914—S GEARY 70 E 26th Ave E 24-8x 100. Gilberto Del Fredici to R Knowles. Jan. 15, 1914
Feb. 10, 1914—W NINTH AVE 150 S Judah; No. 1427 9th Ave. Gottfried Klatt to Lamser & Piske.....Jan. 31, 14

Feb. 10, 1914—E SIXTEENTH AVE 100 S Anza (A) S 25 E 127-6 N 25 to beg. William H and Viola Dreyer to Wm Bahrs.....Feb. 6, 1914
Feb. 11, 1914—N GREEN 86-6 E Baker E 26 N 112-6 W 25 S 25 W 1 S 87-6. Robina R Slack to Petersen-James Co.....Feb. 9, 1914

Feb. 11, 1914—N ANZA 57-6 E 2nd Ave. Mary Henrietta McGaffigan to whom it may concern.....Feb. 6, 1914
Feb. 11, 1914—NW ELLIS & MASON W 97-6xN 60. Jennie M Blair to Petterson & Persson.....Feb. 9, 1914
Feb. 11, 1914—NW ELLIS & MASON W 97-6xN 60. Jennie M Blair to Otto Kurtz.....Feb. 10, 1914

Feb. 13, 1914—N GEARY 112-6 W Hyde W 25xN 137-6. Charles S Howard to Ward & Goodwin.....Feb. 9, 1914
Feb. 13, 1914—E SEVENTH AVE 452-55 N Lake N 30x E 120. Helen S Lowenthal to Mouson Bros.....Feb. 3, 1914

Feb. 13, 1914—NW ELLIS & MASON W 97-6xN 60. Jennie M Blair to Mayer Walk.....Feb. 13, 1914
Feb. 13, 1914—E EIGHTEENTH AVE 25 S Anza S 25x E 95. W R Kenny to whom it may concern.....Feb. 12, 11
Feb. 13, 1914—BLK BBED BY HAYES Polk Grove and Larkin. Panama-Pacific International Exposition Co to Lindgren Co.....Feb. 10, 1914

LIENS FILED

San Francisco.

Feb. 6, 1914—S LINCOLN WAY 57-6 W 18th Ave W 25xN 100. Santa Fe Lumber Co vs L H Hansen.....\$48.15
Feb. 6, 1914—N BUSH 236-11 W Mason W 32-8xN 137-6. Geo A Burch and Victor Hoffmann (as Burch & Hoffmann Co) vs Julia A Cronan.....\$2589.70
Feb. 7, 1914—SE PINE & POWELL E 68-6xS 60. Boscus Bros vs John H Bohlig & Lotta Bohlig.....\$2500
Feb. 7, 1914—N ANZA 81-6 E 24th Ave E 25xN 100. J G Taylor vs J F Haner, Tarbett & Knott and J J Bell.....\$44
Feb. 9, 1914—SW FOURTH 55 NW Folsom NW 25xSW 50. General Building Work Co vs Wm Van Herick and I Rude.....\$300
Feb. 10, 1914—NW TAYLOR AND California W 275 N 137-6 W 137-6 N 137-6 E 412-6 S 275. F L Lane vs Grace Cathedral Church and Beach-Robinson Co.....\$290
Feb. 13, 1914—W TWENTY-FOURTH Ave 140-4 N "B" N 75xW 120. Thos A Clark vs John S Lawrence.....\$185.75
Feb. 13, 1914—E SANCHEZ 425 S 30th S 25x E 125. Durable Paint & Color Co vs S Slatt and C C Anderson.....\$25

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 2 story and base, frame, \$4,500. Berkeley, Alameda Co. Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, J. R. Elrod. The dwelling has been designed for a seven-room house with bath and sleeping porch and will be erected in Berkeley Highlands. Interior finish will be of pine, redwood and hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room and kitchen will have tile winnosit. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken by the architect.

RESIDENCE — 2 story and base, frame, \$3,000. Oakland, Cal. Architect, John Carlson, Bacon Bldg. Oakland. Owner, J. E. Hancock. The dwelling will be erected on east 15th avenue, and has been designed for an eight-room dwelling with bath. Interior will be finished in pine and redwood throughout. Some oak floors will be used. There will be open fire places and tile mantels. Bath room will have composition floor and tile winnosit. There will be furnace heat. An automatic water heater will also be in-

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Edward R. Bacon is positively not connected with any other firm.

stalled. The wainscot will be used in the kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are nearly complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$3,500. Oakland, Cal. Architect, none. Owner, E. W. Woodward, 2645 13th avenue, Oakland. The dwelling will contain seven rooms, bath and sleeping porch. Interior finish will be of pine with some elm panels and oak floors. Plans provide for furnace heat and open fire places. Mantels will be of tile. The wainscot and composition floor will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame. Cost not stated. Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Dr. Shannon. The house will be erected in East Piedmont Heights, and has been designed for an eight-room dwelling with bath and sleeping porch. Interior finish will be of pine and hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat, open fire places and automatic water heaters. Mantels will be of tile and brick. Bath rooms will have composition floors and the wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

RESIDENCE—2 story and base, frame, \$6,000. Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, H. H. Jewett. The dwelling will be erected on Euclid avenue, and has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine and redwood with some elm panels in the living and dining rooms. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room will have tile wainscot and a composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and are now out for figures.

AUDITORIUM—1 and 2 story and base. Class A construction. Cost not stated. Oakland, Cal. Supervising Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. The following firms have applied for plans and specifications for the work on the Oakland Municipal Auditorium. Bids are to be opened on February 26th. Lewis A. Hicks Co., Foster-Vogt & Co., Williams Bros. & Henderson, Snund Construction and Engineering Co., Van Sint-Houghton, Clinton Fireproofing Co., F. Roland, Newsom, Wold & Kohn, L. A. Norris Co., and McLaren & Petersen.

HOTEL—7 story and base. Class B construction, \$10,000. Oakland, Cal. Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owner, F. W. Bilger. The building will be erected on the north side of 16th street between San

Fabio and Telegraph avenues, covering an area of 150 by 100 feet. There will be a complete steel frame, brick and concrete walls and wood floors. Interior has been arranged for 170 guest rooms, a large percentage of which will have private baths. Interior finish will be of pine and hardwood. Metal window sash and frames are specified. Plans provide for steam heat, elevator service, a hot water system and vacuum cleaning. Bath rooms will have tile wainscot and composition floors. Marble and ornamental plaster will be used in the entrance and lobby. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

RESIDENCE—2 story, attic and base, frame, \$12,000. Oakland, Cal. Architect, David C. Coleman, Merchants' National Bank Bldg., S. F. Owner's name withheld. The dwelling will be erected in Linda Vista and has been designed for a ten-room house with three baths and sleeping porches. Interior finish will be of pine, redwood, hardwoods and white enamel. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Automatic water heaters will be installed. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$5,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, Mrs. H. H. Brown. The dwelling will be erected in the Thousand Oaks Tract, and has been designed for an eight-room dwelling with bath and sleeping porch. Interior will be finished in pine and redwood with some hardwood panels and oak floors. There will be furnace heat and open fire places. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Mrs. Mitchell. The dwelling will be erected on Elvarado Road, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCE—2 story and base, frame, \$3,750. Berkeley, Alameda Co., Cal. Architect, Patrick-Nelson Co., 2011 Shattuck avenue, Berkeley. Owner, F. A. Brown. The house will be erected in Cragmont, and has been designed for a seven-room dwelling with

bath and sleeping porch. Interior will be finished in pine, redwood and hardwood veneer. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior will be covered with shingles. Plans are complete and the work will be done by Day Labor.

HOTEL—2 story and base, frame. Cost not stated, Oakland, Cal. Architect, none. Owner, Ben O. Johnson. 2014 East 30th street, Oakland. The building will be erected on the west side of San Pablo avenue, north of 27th street. There will be one store on the first floor and a number of single rooms and baths on the second floor. Interior finish will be of pine and redwood. There will be a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$10,000. Berkeley, Alameda Co., Cal. Architect, Charles H. Bebb, Denny Bldg., Seattle. Owner, Mrs. Annie H. Lewis. The dwelling will be erected in the Claremont Tract, and has been designed for a ten-room house with three baths and sleeping porch. Interior finish will be of pine, redwood, hardwood veneer and white enamel. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile and will have composition floors. Automatic water heaters are specified. Exterior of the house will be covered with shakes. Plans are complete and in the hands of the owner who is now taking figures on the work.

Building Contracts Awarded

Oakland.

No.	Owner	Contractor	Am't.
272	Skinner	Legris	2100
274	Mahoney	Suell	450
275	Blake	Bilger	500
276	Uren	Sleep	5000
277	Hancock	Hancock	3000
279	Western Union	Connell	4000
280	Neylan	Doss	3750
281	Anderson	Warner	6125
282	Smith	Settles	1800
283	Lee	Lee	2000
284	Hills	Fleck	400
285	Nelson	Marcusson	1500
286	Settles	Settles	2000
287	Wiser	Wiser	2000
288	Rotenbuge	Rubenstein	400
289	Woodard	Woodard	3500
290	Same	Same	3200
291	Fabing	Fabing	2500
292	Locke	Hauskins	400
293	Mann	Johanson	1900
297	Ahlmg	McIntier	3800
299	Piperis	Piperis	850
300	Koenig	Hambleton	400
301	Bacon	Soule	450
302	Kennedy	Chambers	2000
303	Bischoff	Bischoff	2500
304	McArthur	McArthur	2000
305	Prigbe	Prigbe	1200
306	Bechtie	Volckers	1400
307	Le Baron	Slms	2250
308	Routree	Routree	2600
309	Ayers	Ayers	400
310	Pfrang	Pfrang	2500
311	Pfrang	Pfrang	2500
312	Jensen	Jensen	1500
319	Koerber	Feene	1200
320	St. Peter's Ch.	Pearson	4950
321	Howard	Whidden	500
322	Ed Education	Owner	16000
323	Same	Same	3000
324	1st Hebrew Cong	Schneely	750
325	Robinson	Bradshaw	1400

327	Patrick	Nelson	2500
329	Tyler	Stewart	3000
330	Vaughn	Vaughn	2500
331	Wadsworth	Wadsworth	1500
332	Saxton	Burnett	4657

(272) E LAWTON 230 S Hudson, Oakland. One-story 5-room dwelling. Owner.....D. M. Skinner, Oakland. Architect...None. Contractor...L. H. Legris, 612 44th, Okd. COST, \$2100

(274) S TENTH 75 W Franklin, Oakland. Alterations. Owner.....Mrs. Mahoney. Architect...None. Contractor...D. J. Suell, 2525 Adeline, Oakland. COST, \$450

(275) S GRACE 220 W Lowell, Oakland. Barn. Owner.....Blake & Belger, Oakland Bank of Savings, Okd. Architect...None. Day's work. COST, \$500

(276) N WARWICK 350 E Perkins, Oakland. Two-story 8-room dwlg. Owner.....C. E. Uren, 533 Sycamore, Oakland. Architect...None. Contractor...W. A. Sleep, 447 65th, Okd. COST, \$5000

(277) E THIRTEENTH AVE 150 S Beaumont Ave., Oakland. Two-story 5-room dwelling. Owner.....J. E. Hancock, 1469 Harrison, Oakland. Architect...John Carson, Bacon Bldg., Oakland. Day's work. COST, \$3000

(279) LOT 3 BLK 5 Map East Piedmont Heights Extension, Oakland. All work for two-story 6-room dwlg. Owner.....Western Union Home Builders, Inc., 1617 Telegraph Ave., Oakland. Architect...None. Contractor...J. S. Connell, Oakland. Filed Feb. 9, '14. Dated Aug. 4, '13. Progressive payments.....

TOTAL COST, \$4000
Bond, none Limit, 120 days after Oct. 14. Forfeit, none. Plans and specifications filed.

(280) N WICKMAVE AVE 45 W Wardfield Ave, being Lot 50 Map Wickham Havens Piedmont-by-the-Lake, Oakland. All work for two-story and basement dwelling. Owner.....Ellen H. and Cecilia A. Neylan, 1279 8th, Oakland. Architect...Hutchinson Bros., 470 13th, Oakland. Contractor...C. A. Doss, 2023 E-15th, Oakland. Filed Feb. 9, '14. Dated Feb. 9, '14.

Frame up..... $\frac{1}{4}$
Brown coated..... $\frac{1}{4}$
Completed and accepted..... $\frac{1}{4}$
Usual 35 days..... $\frac{1}{4}$

TOTAL COST, \$3750
Bond, none Limit, 90 days. Forfeit, none. Plans and specifications, none.

(281) NE ELEVENTH AND FRANKLIN E 100XN 37-6, Oakland. Brick work for six-story and basement steel frame hotel. Owner.....E. Anderson, San Leandro. Architect...Wm. Wilde, Albany Block, Oakland. Contractor...George Warner, Oakland.

Filed Feb. 9, '14. Dated Feb. 7, '14.
1st day of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$6125
Bond, none Limit, 20 days. Forfeit \$5. Plans and specifications, none.

(282) S WALNUT AVE 160 E Courtland Ave, Oakland. One-story live-room dwelling. Owner.....O. G. Smith. Architect...None. Contractor...J. E. Settles, 1514 Broadway, Oakland. COST, \$1800

(283) S YGANCIO 100 E 47th Ave., Oakland. Two-story 5-room dwlg. Owner.....M. G. Lee, 2532 High, Okd. Architect...None. Day's work. COST, \$2000

(284) NO. 1914 BELLA VISTA AVE., Oakland. Alterations and additions. Owner.....A. H. Hills, Premises. Architect...None. Contractor...Geo. W. Fillick, 826 E-16th, Oakland. COST, \$400

(285) E FIRST AVE 125 N E-12th, Oakland. One and one-half-story 5-room dwelling. Owner.....Nicolas Nelson, 1436 Peralta, Oakland. Architect...None. Contractor...J. C. Marcusson, San Bruno. COST, \$1500

(286) N BROOKDALE AVE 124 E Berwick, Oakland. One-story six-room dwelling. Owner.....J. E. Settles, 1514 Broadway, Oakland. Architect...None. Day's work. COST, \$2000

(287) N FOOTHILL BLVD 200 E Cole, Oakland. One-story 6-room dwlg. Owner.....Gordon Wiser, 5423 Ygnacio Ave., Oakland. Architect...None. Day's work. COST, \$2000

(288) NO. 668 SIXTH, Oakland. Addition. Owner.....L. Rotenbuge, Premises. Architect...None. Contractor...K. Rubenstein, Frem. COST, \$100

(289) W THIRTEENTH AVE 300 N El Centro Ave., Oakland. Two-story seven-room dwelling. Owner.....E. W. Woodard, 2645 13th Ave., Oakland. Architect...None. Day's work. COST, \$3500

(290) W THIRTEENTH AVE 260 N El Centro Ave., Oakland. One and one-half-story 7-room dwelling. Owner.....E. W. Woodard, 2645 13th Ave., Oakland. Architect...None. Day's work. COST, \$3200

(291) E DELORES 232 N El Centro, Oakland. One-story 5-room dwlg. Owner.....Ida Fabing, 1251 Hopkins, Oakland. Architect...None. Contractor...Fred Fabing, 1251 Hopkins, Oakland. COST, \$2500

(292) NO. 1981-3 FIFTY-THIRD, Oakland, Addition.
Owner.....Franklin H. Locke, Prem.
Architect...None.
Contractor...S. T. Haukins, 3325 Viola
Oakland.

COST, \$100

(294) W LAWTON AVE 160 S Chilton, Oakland. Two-story 7-room dwelling.

Owner.....Maschie Bros.
Architect...None.
Contractor...G. Johanson, 1811 Rose,
Berkeley.

COST, \$3600

(297) LOT 24 AND PTN LOT 25 BLK 20 Map of blocks 20, 21, 22, 23, 24. Thousand Oaks, Oakland Tp. All work for two-story dwelling.

Owner.....Claribell C. Alling, Bkly.
Architect...None.
Contractor...H. W. McIntier, 320 Santa Clara Ave., Oakland.
Filed Feb. 10, '14. Dated Jan. 31, '14
Signing of contract.....\$200
Frame up 900
Plastered 900
Completed 900
Usual 35 days..... 905

TOTAL COST, \$2800

Bond, none Limit, 75 days after Feb. 10. Forfeit, none. Plans and specifications filed.

(299) NO. 1660 SEVENTH, Oakland. Bake oven.

Owner.....S. Piperls, Premises.
Architect...None.
Day's work.....

COST, \$850

(300) NE BOULEVARD WAY 85 NW Alford, Piedmont. Two-story residence.

Owner.....L. H. Koenig, 414 11th, Oakland.
Architect...None.
Contractor...Ned Hambleton, 575 43rd, Oakland.

COST, \$1900

(301) NOS. 1118-20 WASHINGTON, Oakland. Alterations.

Owner.....Bacon & Soule, Bacon Bldg Oakland.
Architect...None.
Day's work.....

COST, \$450

(302) E LINWOOD 335 S Hampel, Oakland. One-story 5-room dwlg.

Owner.....Gertrude Kennedy, 949 14th, Pacific Grove, Cal.
Architect...None.
Contractor...J. F. Chambers, 1322 Broadway, Oakland.

COST, \$2000

(303) E CHERRY 50 N Harwood, Oakland. One and one-half-story 6-room dwelling.

Owner.....Jno. A. Bischoff, 551 Crofton Ave., Oakland.
Architect...None.
Day's work.....

COST, \$2500

(304) S FIFTIETH 66 E Shafter Ave., Oakland. One-story 5-room dwlg.

Owner.....Chas. McArthur, 382 50th, Oakland.
Architect...None.
Day's work.....

COST, \$2000

(305) E FORTY-EIGHTH AVE 360 S Vicksburg Ave., Oakland. One-story five-room dwelling.

Owner.....Mrs. Ananda C. Friberg, 2176 48th Ave., Oakland.

Architect...None.
Contractor...Chas. Friberg, 2176 48th Ave., Oakland.

COST, \$1900

(306) NO 273 NINTH Oakland. Alter and add.

Owner.....Max Bechtle, Premises.
Architect...None.
Contractor...A. Volckers, 2120 25th Ave., Oakland.

COST, \$1400

(307) E ALMA AVE 150 N Mera, Oakland. One-story 5-room dwelling.

Owner.....Sims & Le Baroi.
Architect...None.
Contractor...Wm. H. Sims, 1128 71st Ave., Oakland.

COST, \$2250

(308) S WENTWORTH 250 E 54th Oakland. One-story 5-room dwlg.

Owner.....J. Rountree, 5439 Ygnacio Oakland.
Architect...None.
Day's work.....

COST, \$2000

(309) NO. 3258 HELLEN, Oakland. Alterations and repairs.

Owner.....Mannuel Alves, Premises.
Architect...None.
Day's work.....

COST, \$400

(310) W SIXTY-SIXTH AVE 320 S Arthur, Oakland. One-story 5-room dwelling.

Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.
Architect...None.
Day's work.....

COST, \$2500

(311) W SIXTY-SIXTH AVE 360 S Arthur, Oakland. One-story 5-room dwelling.

Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.
Architect...None.
Day's work.....

COST, \$2500

(312) S FIFTY-FIFTH 60 E Dover, Oakland. One-story 4-room dwlg.

Owner.....R. C. Jensen, 5569 Taft Ave., Oakland.
Architect...None.
Day's work.....

COST, \$1500

(313) SE LAWTON AND COLLEGE Ave., Oakland. Grading.

Owner.....F. C. Koerber, R. T. Day and J. H. Graves
Architect...None

Contractor...J. Feeney and A. Scott, 573 47th, Oakland.
Filed Feb. 11, '14. Dated Feb. 11, '14.
Payments not given.....

TOTAL COST, \$1600

Bond, none. Limit, 25 days after Feb. 12. Forfeit, none. Plans and specifications filed.

(320) S LAWTON AVE 115 E Broadway being Lots 7, 8, 9 and 10 Broadway Villa Tract, Oakland. All work except foundation for frame chapel.

Owner.....The Rector, Wardens and Vestrymen of St. Peter's Parish, Oakland
Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., Bkly.
Contractor...Ben Pearson, 2403 Grant, Berkeley.

Filed Feb. 11, '14. Dated Feb. 10, '14.
Frame up and roof boarding on..... 1/2
1st exterior coat plaster on..... 1/2

Completed and accepted..... 1/4
Usual 35 days..... 1 1/4

TOTAL COST, \$1960

Bond, none. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

(321) NO. 2626 HARRISON, Oakland. Alterations.

Owner.....J. L. Howard Jr., Premises
Architect...None.
Contractor...G. R. Whidden, 505 Haddon Road, Oakland

COST, \$500

(322) W MAGNOLIA, bet. 32nd & 34th, Oakland. One-story 7-room temporary school.

Owner.....Board of Education, City Hall Annex, Oakland.
Architect...None.

Day's work.....

COST, \$1000

(323) W MAGNOLIA, bet. 32d & 34th, Oakland. One-story 6-room temporary school.

Owner.....Board of Education, City Hall Annex, Oakland.
Architect...None.

Day's work.....

COST, \$900

(324) TWENTY-EIGHTH AND WEBSTER, Oakland. Steel columns for synagogue.

Owner.....1st Hebrew Congregation, Premises.
Architect...G. A. Lansburgh, Gunst Bldg., San Francisco.

Contractor...Schnebley, Hostrawser & Pedgrift, 6th and Jackson Oakland.

COST, \$1750

(325) NO. 1212 FIFTY-THIRD AVE., Oakland. Alterations.

Owner.....N. Robinson, Premises.
Architect...None
Contractor...W. Bradshaw, 5314 E-12th Oakland.

COST, \$400

(327) W OXFORD 40 S Cedar, Oakland. One and one-half-story 5-room dwlg.

Owner.....Patrick-Nelson Bldg. Co., 2011 Shattuck Ave., Bkly.
Architect...None.

Day's work.....

COST, \$2500

(329) W THIRTEENTH AVE 120 N Wellington, Oakland. One-story 5-room dwelling.

Owner.....A. M. Tyler, 2116 9th Ave., Oakland.
Architect...None.

Contractor...E. A. Stewart, 616 1st, Okd

COST, \$200

(330) E DOLORES AVE 170 S 13th, Ave., Oakland. One-story 6-room dwelling.

Owner.....M. C. Vaughn, 5833 Ayala Oakland.
Architect...None.

Day's work.....

COST, \$2500

(331) N E-TWELFTH 195 E 42d Ave., Oakland. One-story 5-room dwlg.

Owner.....J. A. Wadsworth, 177 Santa Rosa Ave., Okd.
Architect...None.

Day's work.....

COST, \$1500

(332) NW HAAS AVE 388.15 NE E-14th 155x260, San Leandro All work for one and one-half-story dwelling.

Owner.....Leo J. Saxton, San Leandro
Architect...None.
Contractor...F. L. Burnett, 715 Alleen, Oakland.

Filed Feb. 14, '14. Dated —
 Frame up and sheathed..... 1/4
 Plastered 1/4
 Completed and accepted..... 1/4
 Usual 35 days..... 1/4
TOTAL COST, \$4697
 Bond, none Limit, 90 days. Forfeit,
 \$1. Plans and specifications filed.

Building Contracts Awarded

Berkeley.

No.	Owner	Contractor	Amt.
278	Pallen	Pallen	2500
293	Hallenberg	Hallenberg	800
295	Berkeley	Brode	1775
296	Loring	Peterson	7450
298	Lambert	Lambert	1900
328	Lambert	Lambert	1900

(278) NW SONOMA AVE & COLUSA Ave., Berkeley. Two-story 7-room dwelling.

Owner.....A. H. Pallen, 686 61st, Okd.
 Architect.....None.
 Day's work. COST, \$2500

(293) NO. 1823 HEARST AVE., Berkeley. Alterations.

Owner.....A. H. Wallenberg, Prem.
 Architect.....None.
 Day's work. COST, \$800

(295) DURANT AVE., Berkeley. Structural and ornamental iron work for two-story fire house.

Owner.....City of Berkeley.
 Architect.....W. H. Ratcliff Jr., 1st N'l. Bank Bldg., Berkeley.
 Contractor.....Brode Iron Works, 31 Hawthorne, San Francisco

Not filed.
 Progressive payments of 75% payable before 10th of each month.
 Usual 35 days.....Balance
TOTAL COST, \$1775

(296) LOT 4 BLK 2 Kellogg Ppty., Berkeley. All work for two-story and basement nine-room dwelling.

Owner.....Dr. E. L. Loring, Acheson Bldg., Berkeley.
 Architect.....John Hudson Thomas, 1st National Bank Bldg., Bkly
 Contractor.....A. Peterson, Berkeley.

Filed Feb. 10, '14. Dated Feb. 9, '14
 Frame up\$1864
 Brown coated 1864
 Completed and accepted..... 1864
 Usual 35 days..... 1867
TOTAL COST, \$7459

Bond, \$3730. Surety, Maryland Casualty Co. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(326) NO. 2815 PIEDMONT AVE., Berkeley. Alterations and additions.

Owner.....A. W. Lambert, Premises.
 Architect.....None.
 Day's work. COST, \$1000

(328) NO. 2813 PIEDMONT AVE., Berkeley. Alterations and additions.

Owner.....A. W. Lambert, 2815 Piedmont Ave., Berkeley.
 Architect.....None.
 Day's work. COST, \$1000

Building Contracts Awarded

Alameda.

No.	Owner	Contractor	Amt.
273	Dralo	Dralo	400
293	Boehn	Anderson	4420
313	West End Bldg. Assn.	Owner	1600
314	Freeman	Freeman	1300
315	Morrison	Morrison	600

317 ColeCole 2000

318 BohneAndersen 4420

(273) COLLEGE AVE near Calhoun. Alameda One-story 4-room dwlg.

Owner.....Nels Dralo, Premises.
 Architect.....None.
 Day's work. COST, \$400

(296) S LINCOLN AVE, Willow Station, Alameda. All work for two-story store and apartments.

Owner.....A. A. Boehn, 2063 Lincoln Ave., Alameda.

Architect.....Wm. A. Newman, Hewes Bldg., San Francisco.

Contractor.....H. C. Anderson, Alameda.

Filed Feb. 10, '14. Dated Feb. 10, '14

Roof sheathed\$1100
 Plastered 1100
 Completed and accepted..... 1100
 Usual 35 days..... 1120
TOTAL COST, \$4420

Bond, \$2210 Sureties, C. J. Hammond and A. R. Cranston. Limit, April 1, '14.

Forfeit, \$4. Plans and specifications filed

(313) NO. 1519 LINCOLN AVE., Alameda. One-story 5-room dwelling.

Owner.....West End Bldg. Association, 1600 Webster, Ala.

Architect.....None.
 Day's work. COST, \$1600

(314) NO. 3904 ENCINAL AVE., Alameda. One-story 4-room dwelling.

Owner.....J. R. Freeman, 1109 Oak-Oakland.

Architect.....None.
 Day's work. COST, \$1300

(315) NO. 1523 PACIFIC AVE., Alameda. Addition to dwelling.

Owner.....W. K. Morrison, Premises.
 Architect.....None
 Day's work. COST, \$500

(316) NO. 1318 FOUNTAIN, Alameda. One and one-half-story five-room dwelling.

Owner.....Lilly M. Stewart, 3010 Central, Alameda.

Architect.....None.
 Day's work. COST, \$1800

(317) NO. 3324 FERNSIDE BLVD., Alameda. One-story 6-room dwlg.

Owner.....Mark T. Cole, 703 Syndicate Bldg., Oakland.

Architect.....None.
 Day's work. COST, \$2000

(318) NO. 2062 LINCOLN AVE., Alameda. Two-story store and flat.

Owner.....A. A. Bohne, 2060 Lincoln Ave., Alameda.

Architect.....None.
 Contractor.....H. C. Andersen, 1229 Pearl Alameda.

CST, \$11

COMPLETION NOTICES.

ALAMEDA COUNTY

Jan. 27, 1914—LOT 14 Map Mesa Alta Tract No. 2, Okd. O A Busk to Olup Alman

Feb. 7, 1914—PARK VIEW TERRACE No. 275, Okd. Eleanor F Yates to L Yates.....Feb. 7, 1914

Feb. 9, 1914—LOT 5 BLK 1 Colusa Ave Extension, Bkly. F R Peake Co to whom it may concern.....Feb. 7, 1914

Feb. 9, 1914—E LAKE SHORE AVE 75

N Walla Vista, Okd. B R Jones to Edwin C Graff.....Feb. 6, 1914

Feb. 9, 1914—LOT 10 BLK 2 Highland Park Terrace, Okd. Oscar Lockwood to whom it may concern.....Completed

Feb. 9, 1914—W ELM 405 N Buena Vista Ave N 40xW 130, Alameda.

Thos D Osborn and Paul Mortensen to whom it may concern.....Feb. 7, 1914

Feb. 9, 1914—BED BY 12TH, 14TH, Harrison and Alice, Okd. Oakland Hotel Co by P J Walker, Agt. to Mangrum & Otter, Feb. 4, 1914;

Carl T Doell.....Jan. 30, 1914

Feb. 10, 1914—LOT 15 BLK 1 Brookdale Terrace, Okd. J Edgar Settles to O G Smith.....Jan. 30, 1914

Feb. 10, 1914—LOT 3 BLK 8 Map East Piedmont Heights Extension, Okd. Western Union Home Bldrs to J S Connell.....Feb. 9, 1914

Feb. 11, 1914—LOT 27 Reshdvn of Hillside Terrace, Okd. M J S Chase to Myron E Hopper.....Feb. 10, 1914

Feb. 13, 1914—BLOCK BBED BY 13th 14th, Alice & Harrison, Okd. Oakland Hotel Co (by P J Walker Co, Agents) to Pacific Mfg Co, L J Neal Robert Howden and Rudgear-Merle Co.....Feb. 3, 1914

Feb. 13, 1914—SW HOPKINS 25 SE 14th Ave, Okd. P E Baird to whom it may concern.....Feb. 11, 1914

Feb. 13, 1914—W SAN PABLO AVE 239-1 from S line Stanford Ave S 55xW 100, Okd. J Michel to P Morilhat.....Feb. 11, 1914

LIENS FILED.

ALAMEDA COUNTY.

Feb. 4, 1914—LOT 2 BLK "C" Official Map Elmcrest, Okd. M D Horner vs Fay J Corum and Martha Corum\$65.60

Feb. 9, 1914—NW CENTRAL AVE and Willow W 75 N 143 1/2 W 25 N 34 E 100 E 177 1/2, Ala. Ernest L Thompson vs George A Young and A W Cooper.....\$69

Feb. 13, 1914—LOT 2 BLK "C" Map Elmcrest, Okd. Hogan Lumber Co vs F J and Martha Corum.....\$400.22

Feb. 13, 1914—LOT 58 Map Reshdvn Peralta Park, Bkly. Hogan Lumber Co vs E B and Alberta Fontaine and C M Blabon.....\$277.37

Feb. 13, 1914—LOT 8 BLK 17 Map Melrose Heights, Okd. Hodge-Collins Lumber Co vs William A Myrtle and Andrew Le Baron and H A Pleitner Jr, Christine S Pleitner, C S Morse & S A Lowell.....\$113.85

Feb. 13, 1914—LOT 118 Map Fremont Tct, Okd. Hodge-Collins Lumber Co vs S T and Kate Holmes, L J Pessio, G Lavaggo and N Stagnaro\$145.49

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Feb. 13, 1914—LOT 58 Map Reshdvn Peralta Park, Bkly. Hogan Lumber Co vs E B and Alberta Fontaine and C M Blabon.....\$277.37

BRIDGES—Reinforced concrete. Cost not stated. San Mateo County, Cal. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Plans have been completed and approved for two small reinforced concrete bridges which are to be erected in San Mateo County. One bridge will be erected in Woodside on the Redwood and La Honda Road and the other on the La Honda and San Gregorio Road. Plans and specifications can be secured by addressing the County Clerk. Bids will be opened on March 2nd at 10 a. m. Official proposals appear in another column of this issue.

LIBRARY—2 story and base. Class A construction. Cost not stated. Palo Alto, Santa Clara Co., Cal. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Leland Stanford, Jr. University. Architects Bakewell & Brown are working on preliminary plans for the new library building which is to be erected at Palo Alto for the Leland Stanford University. The library is to form the central building of the proposed new quadrangle, and will be located midway between Encina Hall and the present quadrangle. Construction will be of the Class A type throughout the design being similar to that of the present library building. Librarian George T. Clarke of Stanford University has outlined to the architects the requirements of the building, and these plans show a two-story structure with the main reading room occupying the second floor. The system planned will be what is known as a general library as opposed to the departmental system now in use at the University.

BOX CULVERT—Reinforced concrete. Cost not stated. San Mateo County, Cal. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Plans are complete and figures will be opened on March 2nd for constructing a reinforced concrete culvert over the Canyada road near Woodside. Plans and specifications can be secured from the County Surveyor. An official proposal appears in another column of this issue.

Contracts Awarded.

CITY HALL—2 story and base. \$5,970. Daly City, San Mateo Co., Cal. Architects, Smith & Stewart, 244 Kearny street, S. F. Owners, Daly City. Contractor, G. J. Dorrington, 300 Willington street, Daly City. Contract price, \$5,970.

Building Contracts.

CONTRA COST COUNTY.

LOT 2 BLK 4 Malthys Second Addn. All work for completion of four-room cement bungalow. Owner.....Florence E. and Wm. E. Bacon, Concord, Cal. Architect...W. H. Judson, 1512 Broadway, Oakland. Contractor, Home Buyers Syndicate, Oakland.

Filed Feb. 7, '14. Dated Feb. 7, '14.
Frame up\$425
Rough plumbing done, etc..... 425
When completed 425
Usual 35 days..... 425
TOTAL COST, \$1700
Bond, none. Limit, 75 working days.

Forfeit, none. Plans and specifications filed.

LOT 1 BLK 2, Pinole. All work for two-story brick and frame building. Owner.....Carl Ruff, Pinole. Architect.....J. B. Ogborn, Richmond. Contractor.....J. O. Barker, Richmond. Filed Feb. 10, '14. Dated Feb. 5, '14.
Foundation\$400 00
1st story walls and joists up 600 00
Brick work done..... 650 00
Frame ready for lathing..... 600 00
Plastering completed 600 00
Building completed 807 75
Usual 35 days..... 1219 25
TOTAL COST, \$4877 00

Bond, \$2439. Sureties, J. W. Shell and Zeh Knott. Limit, 100 working days. Forfeit, \$2 per day. Plans and specifications filed.

N HUMBOLDT, 2nd Lot E of Third St., San Jose. Six-room bungalow. Owner.....W. F. Futter, Premises. Architect...None. Contractor.....J. A. Weldon, 639 Willis Ave., San Jose. COST, \$2500

NW OAK AND STATE STS., San Jose. Four-room store and residence. Owner.....Frank Vito, Premises. Architect...None. Day's work. COST, \$1200

NE TWENTY-FIRST & JEFFERSON STS., San Jose. Guild hall. Owner.....Trinity Church Trustees, Premises. Architect...None. Contractor.....Z. O. Field, 167 S-14th St., San Jose. COST, \$1525

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED ACCEPTED
Jan. 26, 1914—N THE ALAMEDA, bet Autumn and Montgomery, San Jose R M and M E Higgins to McGreary & Sampson.....Oct. 17, 1913
Jan. 27, 1914—LOTS 21-22 BLK 12, Hanchett Park, San Jose. Bessie M Praeger to P T Jorgensen.....Jan. 26, 1914
Jan. 30, 1914—1 CONTRACT OF THE Memorial Church, Stanford University Grounds, Stanford University to J E O'Mara.....Jan. 14, 1914
Jan. 31, 1914—NEAR EVERGREEN, Cal. W L Edwards to C N Smith.....Jan. 29, 1914
Feb. 3, 1914—NO. 86 SO SECOND, San Jose. H J Martin to whom it may concern.....Jan. 24, 1914
Feb. 3, 1914—NO. 177 WAVERLY, Palo Alto. Jennie V Cannon to whom it may concern.....Jan. 31, 1914
Feb. 5, 1914—LOT 12 HAYSLEND Shdvn, Los Gatos. R S Anthony to C H Wheeler.....Jan. 29, 1914
ington and Empire, San Jose. G E Feb. 5, 1914—SEVENTH, bet. Wash-Exater to H Nice.....Feb. 4, 1914

BUILDING CONTRACTS.

SAN MATEO COUNTY.

NW STATE AND HIGHLAND AVE., San Mateo. All work to fully complete and construct one and one-half-story bungalow. Owner.....Peninsular Building Co. Architect.....Edward E. Young, 251 Kearny, San Francisco.

Contractor.....Croop & Keegan.

Filed Feb. 6, '14. Dated Feb. 4, '14.
Frame up\$851
Brown coat plaster on..... 851
Building completed 851
Usual 35 days..... 851
TOTAL COST, \$3404

Bond, \$1702. Surety, The Aetna Accident & Liability Co. Limit, forfeit, none. Plans and specifications filed.

LOTS 75, 76, 78, Occidental Land and Improvement Co., Hillsborough. Interior work on conservatory and bed room in dwelling.

Owner.....George A. Pope, 1614 Kohl Bldg., San Francisco.

Architect...None.
Contractor.....Van Sant Houghton Co., 503 Market, San Francisco.

Filed Feb. 11, '14. Dated Feb. 6, '14.
Monthly installments, 75%...\$1535.25
Usual 35 days, 25%..... 511.75
TOTAL COST, \$2047.00

Bond, \$1023.50. Surety, American Surety Co. of New York. Limit, before March 21, 1914. Forfeit, \$10 to \$20 per day. Plans and specifications filed.

BLOSSOM HEATH MANOR, Lot 9 Blk 8, San Mateo. All work for one-story 5-room and bath frame cottage. Owner.....Warranty Investment Co. of California.

Architect...None.
Contractor.....Fred J. Maurer, 1131 Balboa, San Francisco.

Filed Feb. 11, '14. Dated Feb. 7, '14.
At time of execution of this agreement\$200 00
Frame up 587 50
Brown coat plaster on..... 587 50
Completed and accepted..... 587 50
Usual 35 days..... 587 50
TOTAL COST, \$2550 00

Bond, none. Limit, 90 days after Feb. 13, 1914. Forfeit, \$5 per day. Plans and specifications filed.

COLUMBUS AVE AND ADELINE Drive, Easton, San Mateo County. Electrical work for frame and brick veneer dwelling.

Owner.....C. Frederick Kohl, Kohl Bldg., San Francisco.

Architect...Howard & White, Lick Bldg., San Francisco.

Contractor.....Seth Cohen, Call Bldg., San Francisco.

Filed Feb. 6, '14. Dated Jan. 27, '14.
Monthly payments of 75%...\$1672 50
Usual 35 days..... 557 50
TOTAL COST, \$2230 00

Bond, not given. Sureties, Max Cohn and Wilson & Christensen. Limit, forfeit, none. Plans and specifications filed.

ARTIFICIAL STONE WORK ON Exterior on above.

Contractor.....C. C. Morehouse, Sharon Bldg., San Francisco.

Filed Feb. 11, '14. Dated Feb. 4, '14.
75% monthly payments not to exceed up to time of completion\$7312 50
Usual 35 days..... 2437 50
TOTAL COST, \$9750 00

Bond, \$4875. Surety, United States Fidelity & Guaranty Co. Limit, with least possible delay. Forfeit, none. Plans and specifications filed.

STATE ST. AND JEFFERSON COURT, San Mateo. All work for one-story frame bungalow.

Owner.....Peninsular Building Co.
Architect...Edward E. Young, 251
Kearny, San Francisco.
Contractor..Croop & Keegan.
Filed Feb. 6, '14. Dated Feb. 4, '14.
Frame up\$600
Brown coat plaster on..... 600
Building completed 600
Usual 35 days..... 600
TOTAL COST, \$2,400

Bond, \$1200. Surety, The Aetna Accident & Liability Co. Limit, forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
Feb. 6, 1914—RAILROAD & FIRST
Aves, San Mateo. T F Casey to
Caldwell & Wisnom.....Jan. 20, 1914
Feb. 9, 1914—UPLANDS, San Mateo.
Charles T Crocker to The Forrester
Cornice Works.....Feb. 2, 1914

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

BATH HOUSE—1 story, reinforced concrete, \$25,000. San Rafael, Marin Co., Cal. Architect, Thomas O'Connor, 104 D street, San Rafael. Owners, City of San Rafael. Bids were opened by the Trustees on Monday evening, February 9th, for the construction of the reinforced concrete bath house. Bonds in the amount of \$25,000 were recently voted, but as the lowest bid received was in excess of this amount no contract was awarded. Checks of the three lowest bidders were held and definite action will be taken at the next meeting. A complete list of these figures will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

Bids On San Rafael Bath House Opened.

All Bids Received for Construction of Building Are in Excess of Amount Available.

Bids were opened by the Trustees of San Rafael on Monday evening for the construction of the reinforced concrete bath house, designed by Architect Thomas O'Connor. Bonds in the amount of \$25,000 were recently voted, but as the lowest bid received was in excess of \$25,000 no contract was awarded. Checks of the three lowest bidders were held and definite action will be taken at the next meeting, Friday 13th.

San Rafael Bath House.

J. Kapfenmann Jr.....	\$31,280
Phil. Le Cornec.....	31,492
Peter Hamilton.....	32,000
S. Saywell.....	33,576
F. H. Field.....	33,970
J. O. Kuykendal.....	34,987
Heckenroth & Schell.....	35,000
A. B. Ackerman & Son.....	35,486
Graham & Jensen.....	35,897
Dillon & Boston.....	35,900
Tieslaus Bros.....	41,700

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED ACCEPTED
Feb. 13, 1914—"YOLANDO COURT"
San Anselmo. B Jurgens to Wallace, Lampher & Co.....Feb. 5, 1914

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

COUNTY JAIL—2 story, base and mezzanine floor. Class A construction, \$150,000. Bakersfield, Kern Co., Cal. Architect, Orville L. Clark, Brower Bldg., Bakersfield. Owners, Kern County. The Board of Supervisors recently selected the designs of Architect Clark for the new County Jail and awarded the second prize to Thomas B. Wiseman of Bakersfield, \$250, and third prize to J. W. Dooliver of San Francisco, \$125. The building will be classic in design, of reinforced concrete construction faced with terra cotta. Floors and roof slabs will be of reinforced concrete. Interior partitions will be of hollow tile and metal lath and plaster. The structure will cover an area of 112 by 100 feet. Basement will contain mechanical room, engineer's quarters, fumigation and bath rooms, armory, storage space and garage. The sheriff's office, three deputy's offices, jailer's rooms and two tiers of steel cells will occupy the first floor. Second floor will be arranged for wash room, dining rooms and kitchen and quarters for the female prisoners. Interior finish will be largely of metal and hardwood. A hospital and cells for inebriates are also provided for in the plans. There will be a steam heating system, vacuum cleaning and hot water supply. Plans are complete and out for figures. Bids close March 6th.

SCHOOL—2 story and base, reinforced concrete, \$30,000. Bishop, Inyo Co., Cal. Architect, G. B. Clement, Bishop. Owners, Bishop School District. Plans for the building to be erected in the Bishop District have been completed and approved and are now out for figures. The structure will be practically fireproof and will contain eight class rooms, assembly hall and principal's office. Interior finish will be of pine. Maple floors will be used in the class rooms. There will be a central system of heating. Exterior of the building will be faced with cement plaster. Bids are now being taken and will be opened on March 10th.

HOTEL AND STORES—3 story and base, brick and steel. Cost not stated. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, Paul Mayer. The building will be erected at the corner of Kern and H streets and will cover a considerable ground area. There will be a number of stores on the first floor besides the hotel entrance and lobby. Upper floors have been arranged for a total of 150 guest rooms and several baths. Interior will be finished in pine throughout. Patent store fronts, steam heat and a hot water system are specified. Bath rooms will have tile wainscot and composition floors. Plans are being prepared.

HOTEL—4 story and base, brick, \$100,000. Brawley, Imperial Co., Cal. Architect, L. Roehrig, American Bank

Bldg., L. A. Owner, C. A. Johnson. Only preliminary plans for this work have been prepared and it is impossible to publish details of construction at this time. As soon as further plans are made more information will be given.

LIBRARY—2 story and base, reinforced concrete, \$20,000. Coalinga, Fresno Co., Cal. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owners, Coalinga Union High School Library District. The building will be designed in the classic style and will be of semi-fireproof construction. Interior will provide two reading rooms, stack rooms, librarian's office and storage room. Pine and hardwood trim and maple floors will be used. There will be a central heating system and vacuum cleaning. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be opened on February 28th. Plans and specifications can be secured from the architects.

THEATRE—2 story and base, reinforced concrete. Cost not stated. Modesto, Stanislaus Co., Cal. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Mr. Messenger. The building will be erected on the site of the structure recently destroyed by fire, and will be designed to contain a large auditorium, gallery and stage. Construction will be practically fireproof with reinforced concrete walls and floors. Interior will be finished in pine and ornamental plaster. There will be a central heating system, metal trim and modern system of ventilation. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

BRIDGE—Wood construction. Cost not stated. Reedley, Fresno Co., Cal. Engineer, County Surveyor, Fresno. Owners, Fresno County. The County Surveyor has been instructed to prepare plans for a pile and wooden bridge which is to be constructed over the lower Kings River near Reedley. Bids will be called for as soon as plans can be completed. The old bridge was washed away during the recent heavy storms and trade with the upper country is being badly handicapped.

Contracts Awarded.

SCHOOL—1 story and base, brick and concrete, \$23,000. Bakersfield, Kern Co., Cal. Architect, O. L. Clark, Brower Bldg., Bakersfield. Owners, Bakersfield School District. Contractor, M. T. Kean, Bakersfield. Contract price, \$17,980. Note: This is the building which was abandoned by Contractor F. J. Amweg.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

RESIDENCES—1 story, frame. Cost not stated. Sacramento, Cal. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: George E. J. Willis, 40th street, 4 room frame cottage, \$1,000; P. G. Mikie, 3600 35th street, addition to residence, \$1,000; L. F. Schwilk, 2021 9th street, alteration to frame residence, \$1,300, and William Weisker, 1714 30th street, 5 room frame cottage, \$1,900.

PACKING PLANT—2 to 4 story and base, reinforced concrete, \$200,000. Sacramento, Cal. Architect, James Seadler, Sacramento. Owners, Swans-



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ton Meat Packing Co. The architect has completed plans for the new packing plant which is to be erected for the Swanston Meat Packing Co. on the property recently purchased by them in the Haggin Grant. Construction will be of steel and concrete. The structure will be 320 feet long and 60 feet wide. Equipment and building will represent an investment of \$200,000. On the main floor will be installed the \$25,000 worth of machinery necessary to operate the plant. There will also be a large casing room for the preparation of the meats, and at one end will be a large cold storage room. The second and third floors will be devoted principally to the killing of the cattle. The knocking pens and other devices for killing are all equipped with drains. Above all the killing pens will be a platform for an inspector of the meat. The platform will be so located as to allow the inspector to observe the killing in all pens. If he is doubtful as to the appearance of any of the animals, they will be kept over night in a separate room and thoroughly examined again in the morning. The fourth floor will be devoted to ice making. Between eight and ten tons daily will be manufactured for the company's use. A large chute from the top floor will convey the ice directly into the interior of the refrigerator cars on the railroad tracks below.

WATER PIPE—Cast iron. Cost not stated. Sacramento, Cal. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. Plans have been approved for the purchase of considerable cast iron water pipe, which is to be delivered f. o. b. corporation yards, Sacramento. Bids will be opened on February 19th. The following quantities and sizes are called for in the specifications: 3,500 feet of 6 inch pipe and 1,000 feet of 8 inch pipe. An official proposal appears in another column of this issue.

HOTEL ADDITION—6 story and base, Class B construction. Cost not stated. Sacramento, Cal. Architect, E. C. Hemmings, Sacramento. Owner, Mrs. Nettie Evans, owner of the Land Hotel. The Land Hotel on K street is to have a new addition of six stories erected in the rear of the present building. Only preliminary sketches have been prepared and details of construction have not been made public. Further mention will be made of the work as the plans progress.

SCHOOL—2 story and base, reinforced concrete. \$200,000. Sacramento

Cal. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, Sacramento School District. The opening date for figures on the building which is to be erected from plans by Shea & Lofquist has been postponed until March 6th.

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

E ½ OF LOT 1, U. V. 15TH AND 16TH STS., No. 1504 U St., Sacramento. Remodel two-story frame dwelling into tenement.

Owner.....G. F. Gillenwaters, Prem.
Architect...None.
Contractor...C. C. Foy, 2318 M St., Sacramento.

COST, \$1000

LOT 9, ROSE HEIGHTS, Oak Park, 40th St., bet Rose and Sanford Ave., Sacramento. One-story four-room frame dwelling.

Owner.....George E. J. Willis, 40th, bet Rose & Stanford Ave., Sacramento.

Architect...None.

Day's work.

COST, \$750

LOT 28, W. J. Landers Bldv; No. 3060 35th St., Sacramento. Add one-story to frame building.

Owner.....P. G. Mickle, Premises.

Architect...None.

Day's work.

COST, \$500

LOT 18, H. J. Goethe Co. Add'n F. No. 3738 Cypress Ave., Sacramento. One-story frame building.

Owner.....V. G. Cole, Premises.

Architect...None.

Contractor...J. L. Morten, 21st and L Sts., Sacramento.

COST, \$500

S ¼ OF N ¼ OF LOT 8, T. U. 9TH AND 10th STS., No. 2021 9th St., Sacramento. Raise present one-story frame dwlg. and finish off ground floor into six-room dwelling.

Owner.....L. F. Schwilk, Premises.

Architect...None.

Day's work.

COST, \$1300

W ½ LOT 6, O. P. 26TH & 27TH STS., No. 2621 P St., Sacramento. One-story frame private garage.

Owner.....Charles W. Paine, 2621 P St., Sacramento.

Architect...None.

Contractor...R. M. Smith, 2017 18th St., Sacramento.

COST, \$400

E. H. Williams

Chalmers Munday

Munday & Williams

Attorneys-at-Law

Special Attention Given to Building
Law and Bankruptcy Cases

Telephone Kearny 2622

615 Phelan Building, San Francisco

W 20 FT. OF N ¼ LOT 1; No. 400 J St., Sacramento. Alter 4-story store and brick building.

Owner.....William Rose, 1023 5th St., Sacramento.

Architect...None

Contractor...Chas. J. Guth, 1616 22nd St., Sacramento.

COST, \$500

N ¼ OF S ¼ LOT 4, W. X. 22ND AND 23rd STS.; No. 2314 22nd St., Sacramento. Two-story 8-room frame dwelling.

Owner.....Mrs. V. Parkinson, 1019 6th St., Sacramento

Architect...None.

Contractor...George Murgidge, 1019 6th St., Sacramento.

COST, \$2000

LOT 18 NEIL TRACT, Sacramento. One-story 3-room frame dwelling.

Owner.....James Blamey, 1021 G St., Sacramento.

Architect...None.

Contractor...Chatterton Bros., 2111 28th St., Sacramento.

COST, \$700

LOT 15 BLK 44, South Sacramento. One-story 5-room frame dwelling.

Owner.....W. T. Foster, 35th and Cypress Ave., Sacramento.

Architect...None.

Contractor...Robert Powell, 2811 T St., Sacramento.

COST, \$2500

W ½ LOT 6, H. I 14TH AND 15TH STS., No. 1417 I St., Sacramento. One-story frame private garage.

Owner.....J. W. Wilson, Premises.

Architect...None.

Contractor...G. E. Hook, 718 18th St., Sacramento.

COST, \$450

LOT 71 MONT CLAIRE H near 41st St., Sacramento. One-story five-room dwelling.

Owner.....Wm. Welsker, 1714 30th St., Sacramento.

Architect...None.

Day's work.

COST, \$1800

S ¼ LOT 1, S. T. 12TH AND 13TH STS., No. 1915 12th St., Sacramento. One-story five-room frame dwelling.

Owner.....George L. Van Tine, 1212 S St., Sacramento.

Architect...None.

Contractor...B. F. Scoble, 626 14th St., Sacramento.

COST, \$1960

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
Feb. 6, 1914—LOT 21 OF MEISTER
Tct, Sacramento. Charles A Root
to William R Saunders..Feb. 5, 1914

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—3 story and base, brick, \$10,000. Los Angeles, Cal. Architects, Western Architectural and Building Co., Coulter Bldg., L. A. Owner, Mr. Newton. The building will be erected on South Bonnie Brae street and will be arranged for 68 rooms divided into two and three room suites. Interior will be finished in pine with some elm panels. Oak floors will be used in the halls and living rooms. There will be steam heat, a hot water supply and vacuum cleaning. All suites will have wall beds and private bath rooms. Tile wainscot and composition floors will be used in the baths. Tile and marble will be used in the entrance. Exterior of the building will be faced with pressed brick. Plans are complete and work will be carried on by Day Labor under the direction of the architects.

BRIDGE—Reinforced concrete. Cost not stated. Ventura and Santa Barbara Counties, Cal. Engineer, William H. Thomas, L. A. Owners, Ventura and Santa Barbara Counties. Plans have been completed and have received the approval of both Boards of Supervisors for a three-binged reinforced concrete bridge which is to be erected over Rincon Creek on the State Highway. Plans can be secured from the engineer. Bids are now being taken and will be opened on March 2 at 2 p. m.

COLD STORAGE PLANT—1 and 2 story, brick. Cost not stated. Long Beach, Los Angeles Co., Cal. Architects, C. M. Gay & Son, 333 Towne avenue, L. A. Owners, Home Ice and Cold Storage Co. The building will cover a considerable ground area and will house the ice making equipment and cold storage departments in separate sections of the building. Equipment will call for compressors, engine, two boilers, pumping and refrigerating equipment. Interior will be finished in pine. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

LODGE HALL AND STORES—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, J. T. Zeller, Currier Bldg., L. A. Owners, Lars Swedia's Lodge, Charles E. Strolsee, 2240 Wall street, chairman. The building will be erected at the corner of 18th and Flower streets, covering an area of 52 by 154 feet. There will be six stores on the first floor besides the entrance to the upper floors. Auditorium, ball room, kitchens and dining rooms will occupy the second floor. The third floor will be arranged for lodge rooms. Interior finish will be of pine and hardwood with maple floor in the ball room. There will be steam heat and a vacuum cleaning system, patent store fronts and marble wainscoting. Exterior of the building will be faced with pressed brick. Plans are being prepared.

HOTEL—4 story and base. Class C construction. Cost not stated. Los

Angeles, Cal. Architects, Walker & Vawter, Hibernian Bldg., L. A. Owner, D. F. Hill. The building will be erected at the northwest corner of 6th and Wall streets, having a frontage on one street of 70 feet and 120 feet on the other. First floor will contain four stores and the hotel lobby. Upper floors will be arranged for a total of 110 guest rooms and 40 baths. Interior finish will be of pine and redwood. Plans provide for steam heat, elevator service, hot water supply and vacuum cleaning. There will be metal window sash and frames and metal lath and plaster partitions. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Marble and tile will be used in the stores and lobby. Plans are being prepared. Bids will be called for shortly.

HOTEL—3 story and base. Class C construction. \$60,000. Los Angeles, Cal. Architect, Leonard L. Jones, 1 W. Hellman Bldg., L. A. Owner, Louis Nordlinger and W. W. Paden. The building will be erected on Flower street between 3rd and 4th streets, covering an area of 80 by 150 feet. Entire building will be occupied by the hotel. Plans provide for a total of 120 guest rooms and 60 baths. Interior will be finished in pine and hardwood. There will be steam heat, hot water supply and vacuum cleaning system. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are now practically complete and figures will be called for at once.

HOTEL—3 story and base. Class C construction. \$15,000. Los Angeles, Cal. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owner, Mrs. Squires. The building will be erected on Wilde street near Central avenue, covering an area of 110 by 125 feet. There will be a total of 135 guest rooms with private and public baths. Plans provide for steam heat, a hot water supply and vacuum cleaning. There will be metal window sash and frames. Interior will be finished in pine. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Bids will be taken from contractors who can finance the project either wholly or in part. Working drawings have been completed.

SCHOOL GROUP—1, 1 and 2 story, brick and concrete, \$150,000. Venice, Los Angeles Co., Cal. Architects, C. H. Russell Co., Union League Bldg., L. A. Owners, City of Venice. The group will consist of the Administration building, Science building, Household Arts building and Manual Training building. The style of architecture will be Lombardic Italian. The Administration building will be a two-story and basement structure 152x144 feet, and will contain the administrative offices, auditorium, study and choral halls, library and twelve class rooms. In the basement there will be a cafeteria, kitchen, bicycle rooms, etc. The central heating plant will be constructed in connection with and at the rear of the administration building. The science building will be a two-story L-shaped structure with no basement; extreme dimensions 148x126 feet. It will contain twelve class rooms, work rooms, offices, recitation rooms, etc. The household arts

building will be two stories 110x120 feet, and will contain a modern bungalow, cooking department, laundry, lecture rooms, seven class rooms and sewing and millinery departments. The mechanical arts building will be one story 112x114 feet, with an interior court. The building will be connected by arcades. They will be of brick construction, with concrete foundations, exterior facing of different shades of light-colored brick, tile roofs, pine and hardwood trim, pine and maple floors, lavatories, plumbing, electric wiring, heating system. Plans are complete and figures are now being taken. Bids will be opened on February 24th. Plans and specifications can be secured from the architects.

STORES AND LOFTS—8 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, S. K. Lindley, 11 W. Hellman Bldg. This structure will be erected on West Fourth street adjoining the Grant building, and will have a frontage of 90 feet by a depth of 124 feet. Construction will be of the class A type throughout with a complete steel frame, concrete and brick walls and reinforced concrete floors. Interior partitions will be of hollow tile and metal lath and plaster. There will be steam heat, freight and passenger elevators, vacuum cleaning and mail chutes. Plans provide for metal window sash and frames and fireproof doors. Exterior of the building will be faced with cement plaster and pressed brick. Interior finish will be of pine throughout. There will be sidewalk doors, lifts and lights. Plans are now being prepared. Figures will be called for as soon as working drawings can be completed.

APARTMENT HOUSE—4 story and base, brick and steel, \$70,000. Los Angeles, Cal. Architects, Webb & O'Neil, Lankershim Bldg. L. A. Owner, A. S. O'Neil. The building will be erected on Figueroa street near 4th, covering an area of 48 by 120 feet. The building will contain a total of 120 rooms arranged in two and three room suites. Interior will be finished in pine and hardwood with marble and ornamental plaster in the lobby. There will be steam heat, a hot water supply, vacuum cleaning system and electric elevator. All suites will have private bath rooms and wall beds. Bath rooms will have tile wainscot and composition floors. Metal window sash and frames are specified. Exterior of the building will be faced with glazed brick. Plans are now being prepared.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, Architectural Designing Co., Grosse Bldg., L. A. Owner's name withheld. The building has been designed to contain thirty suites of two and three rooms with baths, and will be erected near St. James Park, covering an area of 60 by 145 feet. Interior finish will be of pine and redwood. Oak floors will be used in the principal rooms. Plans provide for steam heat, wall and disappearing beds and vacuum cleaning. Bath rooms will have tile wainscot and composition floors. Marble and tile will be used in the entrance. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

Contracts Awarded.

ORPHANS HOME—2 story and base, reinforced concrete, \$50,000. Los Angeles, Cal. Architect, I. H. Seehorn, 328 South Clay street, L. A. Owners, Missionary Sisters of the Sacred Heart, Contractor, S. Solano, 1770 North Main street, L. A. Contract price, \$50,000.

H. T. L.—12 story and base. Class A construction, \$300,000. Los Angeles, Cal. Architect, Charles Gordon, Los Angeles Investment Bldg., L. A. Owner, Verne C. Gutter, Contractors, Dutro-Wren Construction Co., Van Nuys Bldg., L. A. Contract price, \$300,000.

PORTLAND AND OREGON.

APARTMENT HOUSE—5 story and base, brick and steel. Cost not stated. Portland, Ore. Architects, Clausen & Clausen, Macleay Bldg., Portland. Owner, Mrs. C. Brown. The building will be erected at the corner of 15th and Lowndale streets, and will cover a large ground area. Each of the upper floors will be divided into nine suites of from two to four rooms and bath. Provision has also been made for three small suites in the basement. Interior will be finished in pine and hardwood. There will be elevator service, dumb-waiters, vacuum cleaning system, hot water supply and steam heat. All suites will have private bath rooms and wall or disappearing beds. Bath rooms will have composition floors and tile wainscot. Marble and tile will be used in the entrance. Exterior of the building will be faced with pressed brick. Plans are being prepared.

BRIDGE—Steel and concrete, \$35,000. Kellogg, Ore. Engineer, County Surveyor, Roseburg. Owners, Douglas County. The bridge is to span the Umpqua River at Dimick Perry. The main span will be of steel construction and the approaches and retaining walls of reinforced concrete. Provision has been made for a twenty-foot roadway and two four-foot walks. Plans are now being prepared and figures will be called for shortly. Complete particulars can be secured from the County Surveyor at Roseburg.

ASSOCIATION BUILDING—2 story and base, brick, \$15,000. Astoria, Ore. Architects, McNaughton & Raymond, Title and Trust Bldg., Portland. Owners, Young Men's Christian Association. Only preliminary plans for this building have been prepared and the architects state that construction will not be started until sometime in July. Further mention will be made of the work. Details of construction are not yet settled.

ASSOCIATION BUILDING—3 story and base, brick, \$28,000. La Grande, Ore. Architect, Milton S. Block, La Grande. Owners, Young Men's Christian Association. The building will cover a considerable ground area, the main floor containing entrance, business offices, class rooms and auditorium. Second floor will be arranged for the gymnasium and special rooms. Seventeen sleeping rooms will occupy the third floor. Basement will contain a plunge 15 by 40 feet, locker rooms, heating system and social hall. Interior will be finished in pine. There will be steam heat and a vacuum cleaning system. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

HOSPITAL—5 story and base, reinforced concrete, \$15,000. Portland, Ore. Architects, Tourtelotte & Hummel, Rothchild Bldg., Portland. Owners, The Emanuel Lutheran Hospital, 209 10th street. The building will be erected on property bounded by Commercial, Graham and 45th streets, covering an area of 15 by 100 feet. The building is to be the first unit of a large group which will cover an area of 128 by 270 feet. The present structure will contain private rooms, wards, operating rooms, maternity wards and nurses' rooms. Construction will be fireproof with reinforced concrete walls and floors. Interior finish will be of pine and hardwoods. There will be steam heat, elevator service and metal window sash and frames. Exterior of the building will be faced with a light grey pressed brick. Plans are being prepared.

INFIRMARY—2 story and base, brick. Cost not stated. Roseburg, Ore. Architect, F. C. Flagler, Roseburg. Owners, City of Roseburg. The building will cover an area of 56 by 60 feet. First floor will be arranged for general office, dining room, kitchen, women's ward and two sick wards. Upper floor will contain the children's wards and library. Interior finish will be of pine and hardwood. There will be steam heat. Exterior of the building will be faced with pressed brick. Plans have been completed and received the approval of the City Council. Bids will be called for at once.

APARTMENT HOUSE—3 story and base, brick, \$35,000. Portland, Ore. Architects, Clausen & Clausen, Macleay Bldg., Portland. Owner, I. Holzman. The building will be erected at the corner of 21st and Overton streets, covering a ground area of 50 by 100 feet. Interior will be arranged for a large number of two and three room suites, all of which will have private bath rooms and wall beds. Pine and hardwood veneer will be used for interior finish. Some oak floors will be specified. Plans provide for steam heat, a hot water supply and vacuum cleaning. Bath rooms will have tile wainscot and composition floors. Marble and tile will be used in the entrance. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

CHURCH—1 story and base, brick and concrete, \$6,000. La Grande, Ore. Architects, Houghtaling & Dougan, Henry Bldg., Portland. Owners, Church of Our Lady of the Valley. The church will be of the Gothic style, 45x120. Exterior finish will be of pressed brick trimmed with terra cotta or cut stone. Basement will contain janitor's quarters, heating plant and storage rooms. Main auditorium will have a seating capacity of 530. Altar and communion rail will be of onyx. There will be a choir loft which will have a large pipe organ. Bids will be called for about May 1st, all work to be bid under separate contract. The parish house will be a two-story brick, and will contain twelve rooms. All modern conveniences will be installed.

Contracts Awarded.

STORES AND OFFICES—2 story and base, reinforced concrete, \$15,000. Lents, Ore. Architect, none. Owner, Mrs. H. Yott, Contractor, V. L. Irish, Lents. Contract price, \$15,000.

SEATTLE AND WASHINGTON.

APARTMENT HOUSE—4 story and base, brick and steel, \$15,000. Seattle, Wash. Architect, W. H. Miller, Arcade Bldg., Seattle. Owner, F. F. Adams. The building will be erected on Marion street and will have a frontage of 60 feet by a depth of 120 feet. Only preliminary sketches have been prepared, but these show in the neighborhood of thirty suites of two, three and four rooms. Interior finish will be of pine and hardwood with oak floors. There will be steam heat, elevator service and a hot water system. Bath rooms will have the wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are being prepared.

BRIDGE—Steel and concrete, \$200,000. Vancouver, B. C. Engineer's name not given. Owners, City of Vancouver. Plans and specifications are now ready for contractors to figure on the proposed Second Narrows Bridge, which calls for a structure provided with a single line of steam track, two lines of electric track, two lines of roadway, a footway, together with the necessary approaches thereto, as well as the machinery for the opening span of the bridge and other incidental works. Plans are now out for figures and can be secured from the City Clerk.

BRIDGE—Steel and reinforced concrete, \$50,000. Wenatchee, Wash. Engineer, County Surveyor, Wenatchee. Owners, Chelan County. Plans and specifications have been adopted by the County Commissioners for a steel and reinforced concrete bridge, and bids will be called for about March 1st. The engineer's estimate shows that about 100 tons of structural steel and 2,500 cubic yards of concrete will be required. Full particulars can be secured from the County Surveyor at Wenatchee.

STEAM PLANT—2 story and base, reinforced concrete, \$50,000. Seattle, Wash. Architect, City Architect, Seattle. Owners, City of Seattle. The building will cover an area of 88 by 98 feet, and will be of fireproof construction throughout. Metal window sash and frames and cement floor are specified. Contracts for the machinery have already been awarded to C. C. Moore & Co., and Allis-Chalmers Co., at a cost of approximately \$100,000. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

SHIP YARDS, ETC.—\$100,000. Vancouver, B. C. Architect, N. A. Leech, 615 Pender street, West Vancouver. Owners, English Syndicate represented by Kenneth E. Burnett, J. D. Burdis and J. D. McGee. The plant will be erected on a site on the north arm of the Fraser River near Sea Island. An option has been secured on the site, but only preliminary plans for the plant have been prepared. Further mention will be made of this work.

THEATRE—2 story and base, reinforced concrete, \$100,000. Tacoma, Wash. Architect, R. E. Borbok, Savage-Schofield Bldg., Tacoma. Owner, Eugene Levy. The building will adjoin the present Tacoma Theatre and is to be fireproof throughout. There will be a main auditorium and two galleries. Interior will be finished in pine, metal trim and ornamental plaster. There will be steam heat, a modern system of ventilation and vacuum

cleaning. Complete stage equipment will be installed. Exterior of the building will be faced with cement plaster. Plans are to be completed so that work may be started by early spring.

HOTEL—5 story and base, frame. Cost not stated. Seattle, Wash. Architect, John Graham, Lyon Bldg., Seattle. Owner, P. J. Murphy. The building will be erected on 6th avenue between Main and Jackson streets, and will cover an area of 60 by 120 feet. There will be a total of 135 rooms and a number of public baths. Interior will be finished in pine. There will be steam heat and a hot water system. Bath rooms will have composition floors. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

Contracts Awarded.

APARTMENT HOUSE—6 story and base, reinforced concrete, \$75,000. Seattle, Wash. Architect, none. Owner, W. D. Perkins. Contractor, David Dow, 21st avenue and Spruce street, Seattle. Contract price, \$75,000.

RULINGS OF THE INDUSTRIAL ACCIDENT COMMISSION INTERPRETING THE WORKMEN'S COMPENSATION, INSURANCE AND SAFETY ACT.

As a result of a widespread request from employers, attorneys and employees throughout the States, the Industrial Accident Commission has interpreted several of the more important clauses of the Workmen's Compensation, Insurance and Safety Act previous to any case having been brought before it for adjudication. The following rulings are not to be looked upon as being the final opinions of the Commission; they have been made subject to change or modification.

CHAUFFEURS.

The Commission holds that chauffeurs, private or otherwise, come under the Compensation Provisions of the Workmen's Compensation, Insurance and Safety Act without any election on the part of the employer being necessary. They are not to be classed as household domestic servants.

AMBULANCE FEES.

It has also expressed itself as being of the opinion that the reasonable cost of necessary transportation immediately connected with the injury is a proper charge for medical treatment under the Compensation Act.

VOLUNTARY FIRE DEPARTMENTS, AND PUBLIC OFFICERS WORKING WITHOUT SALARY.

It has ruled that members of voluntary fire departments, operating without remuneration, and public officers, who serve without remuneration, are entitled to medical and surgical benefits, but are not entitled to any other compensation benefits.

FARM EMPLOYEES.

In the case of farm employees, it expressed the opinion that work done on a farm by employees of the farmer for the maintenance and operation of such farm, is excluded from the compulsory provisions of the Compensation Law, but that such farm employees, however, can proceed against their employers by means of a suit for damages, said suit being filed under the first two sections of the Roseberry Act.

INTERSTATE COMMERCE EMPLOYEES.

The Commission has also stated that it will assume jurisdiction where employees residing in California make a contract of hire in California, without reference where any accidental injury or death may take place.

EARNINGS OF SEASONAL EMPLOYEES.

In each case where subdivisions 1 and 2 of subsection (a) of section 17, of the Compensation Act cannot reasonably and fairly be applied, the Industrial Accident Commission holds that it will seek to ascertain the average annual earnings by testimony showing the earnings throughout the year of the individual concerned.

PROCESSES FOR FIREPROOFING WOOD.

[Consul General John L. Griffiths, London, England.]

Considerable attention has been given in the United Kingdom to the best method for fireproofing wood, especially in connection with railroad construction. The following is a description of a process which, it is claimed, has received the favorable consideration of the British Admiralty.

The wood is placed in large iron cylinders, the doors of which are hermetically sealed. The wood is then subjected to a course of steaming, and under vacuum the air and moisture in the pores of the wood are removed and the sap vaporized. The fireproofing solution is thereafter run into the cylinders, and under pressure forced throughout the pores and fibres. Subsequently the water in the solution is evaporated in drying kilns, and the chemicals, in minute crystal form, are left embedded in the wood. When heat is applied, these crystals expand to many times their original size, forming a glassy coating to the fibres of the wood which excludes the oxygen in the air. In time the heat causes the crystals to collapse, but further crystals in the wood immediately expand, and the same process of resistance against fire continues. The chemicals used are antiseptic and preservative, consisting chiefly of phosphate of ammonia. As a result of the treatment, the life of the wood is also lengthened, for the cause of decay (sap water) is eliminated. This process is claimed to be especially satisfactory, inasmuch as the material treated is not saturated with a solution of salt, nor are such chemicals used as tungstate of soda, sulphate of ammonia, sulphate of alumina, alum, etc., which invariably cause discoloration of the wood, corrosion of metals, destruction of fibres, and prevent satisfactory painting or polishing. After this treatment the wood can be worked, nailed, glued, painted, polished, etc., as though it had not been subjected to any special process. All kinds of timber can be treated, including oak, teak, deal, pine, mahogany, walnut, beech, birch, ash, maple, whitewood, pitch pine, larch, etc.

Adopted by Underground Railways and British Navy.

The first railway company to take advantage of this process was the Underground Electric Railways of Lon-

dun, and at the present time it is stated that the woodwork of all the cars of the company has been subjected to the treatment. It is also stated that after exhaustive tests the British Admiralty has adopted the process, that the company is engaged in fireproofing large quantities of wood for 70 motor boats for the British warships *Indomitable* and *Monarch*, and that the two new superdreadnoughts now building, the *Queen Elizabeth* and *Warspite*, are to have their woodwork fireproofed by this process.

The company using the process states that as a result of the recent disaster at Aislig, the Midland Railway (on whose system the accident occurred) has requested the fireproofing company to submit a tender for erecting a fireproofing plant at the company's works in Derby, and that, pending the erection of such a plant, the company has sent 144,000 feet of timber to be treated by the fireproofing company.

The cost of rendering wood fireproof by this process is a uniform one of 73 cents per cubic foot, for all woods excepting oak and teak, for which the charge is 85 cents per cubic foot.

Another Process.

There is another fireproofing process known as the "Snowdon process," the chief feature of which is a chemical mixture, but the formula is not disclosed. By the use of this mixture it is claimed that woodwork and all manner of fabrics may be rendered non-inflammable and insect proof. In the case of wood already in position, it may be painted or washed with three or more coats according to density, when the solution penetrates to a depth of about one-eighth of an inch. When treated prior to construction, the wood is usually soaked in the solution in tanks, but if it is desired to render the wood fireproof throughout, pressure cylinders are used to force the liquid into every fibre.

[The consul general sent numerous samples of the fireproofed wood of the first process, and a circular of the Snowdon system, which will be loaned on application to the Bureau of Foreign and Domestic Commerce.]

VERY ANNOYING.

It was deucedly thoughtless of Congressman Lewis, of Maryland, to gather all those revealing statistics about telephones and telegraphs. Where ignorance is bliss, 'tis folly to find out that our telegraphic rates are the highest among twenty countries and that, as one consequence thereof, we rank but ninth as telegraph users. And of course it is no less disturbing to discover that in the matter of local telephone charges, we rank but fourteenth among sixteen countries.

But it is done now and the only thing left is to think about it as little as possible. To brood over the matter would simply end in our having to do something and that in turn might disarrange some of our most cherished dividend-paying traditions. Everybody knows that the proper way to have telephones and telegraphs is to make dividends the chief desideratum. Now, then, let everybody close his or her mind and let there be an end on't.—E. O. J. in Life.

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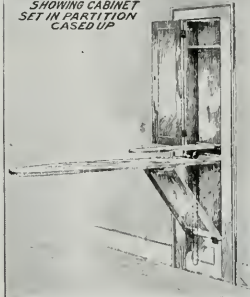
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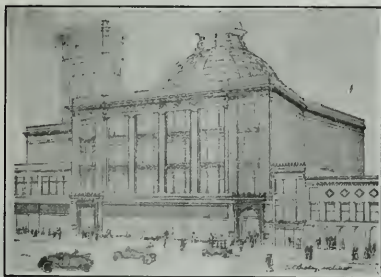


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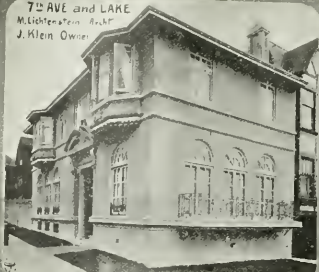
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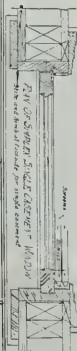
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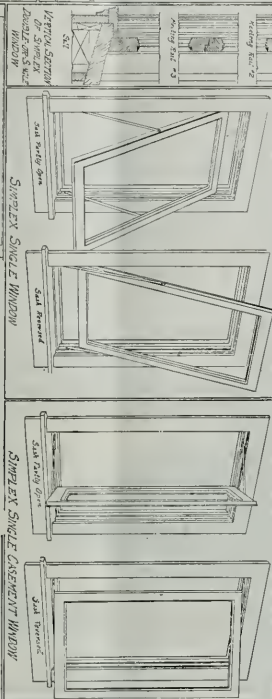
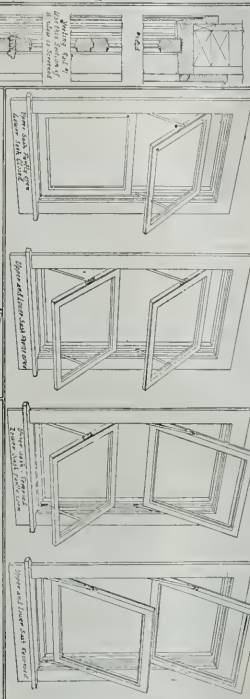
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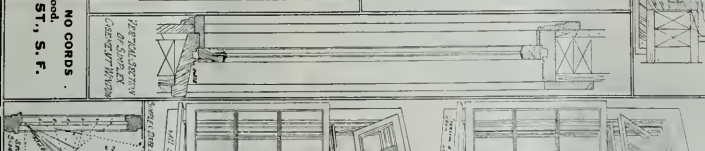
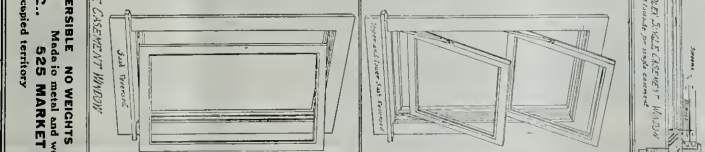
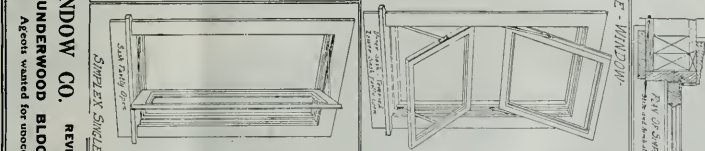
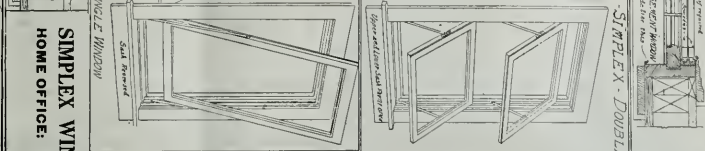
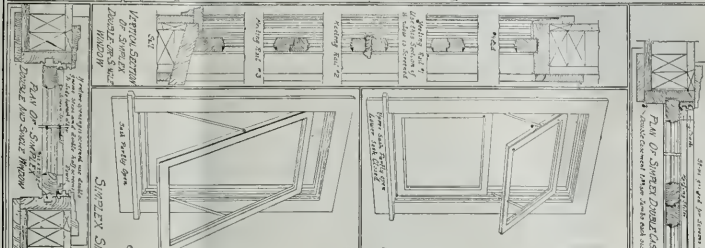
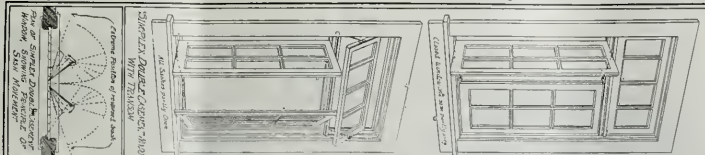


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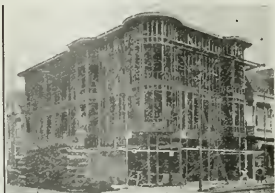
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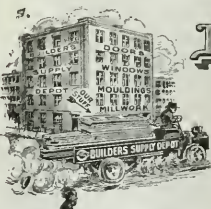
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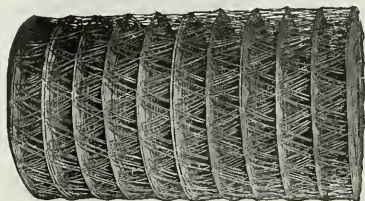
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Editorial Comment.

Building operations for San Francisco for the month of January, 1914, amounted to \$1,928,563. This includes all construction within the city limits. This, however, does not include permits for 16 new Exposition buildings, which totaled some 6 million dollars.

Compared to last year the construction work for the city is somewhat less for the same month, the total for January, 1913, being \$2,655,990.

Generally speaking the total for the month throughout the country is somewhat less than last year. Official reports from about 65 different cities representing building centers throughout the country printed in the American Contractor, Chicago, show a loss of about 8 per cent for the month.

The following is a comparative tabulation:

	January 1914.	January 1913.
Akron	\$ 138,150	\$ 208,230
Albany	149,065	91,030
Atlanta	320,365	395,095
Baltimore	1,796,351	635,670
Buffalo	536,000	487,000
Cedar Rapids	384,650	143,000
Chattanooga	55,170	108,725
Chicago	4,666,800	6,902,000
Cincinnati	580,910	946,962
Cleveland	1,298,620	704,740
Columbus	178,740	208,335
Dallas	727,635	417,750
Dayton	84,765	131,575
Denver	229,318	181,600
Detroit	2,636,260	2,028,609
Duluth	237,610	68,675
East Orange	84,358	92,955
Fort Wayne	35,350	64,975
Grand Rapids	341,240	81,625
Hartford	256,887	191,750
Indianapolis	482,342	305,385
Kansas City	884,265	569,405
Los Angeles	1,182,246	2,978,736
Louisville	303,280	271,250
Manchester	78,445	48,405
Memphis	361,390	271,240
Milwaukee	476,138	441,311
Minneapolis	504,055	313,575
Nashville	102,269	100,457
Newark	350,860	1,340,359
New Haven	264,320	612,218
New Orleans	204,051	237,842
New York—		
Manhattan	4,419,142	4,740,786
Bronx	1,410,252	1,716,088
Brooklyn	2,459,290	3,213,091
Boro of Richmond	80,514	68,881
Boro of Queens	1,151,914	1,715,340
Total	9,521,112	10,854,186
Oakland	257,786	608,832
Omaha	180,440	160,725
Petersen	29,941	92,418
Pasadena	128,807	142,628
Peoria	182,850	48,960
Philadelphia	1,247,985	1,456,740
Pittsburgh	1,171,037	385,488
Portland	444,600	1,124,170

Richmond	238,334	515,266
Rochester	354,320	445,131
Sacramento	220,640	415,398
San Francisco	1,928,563	2,655,990
San Diego	365,055	830,127
St. Joseph	48,500	25,095
St. Louis	854,122	616,869
Scrannton	101,925	186,278
Seattle	1,206,580	560,775
Shreveport	184,500	76,502
Sioux City	75,125	92,525
South Bend	26,740	14,150
Spokane	34,045	63,625
Springfield, Ill.	29,410	35,304
Syracuse	106,865	314,275
Tacoma	109,103	137,137
Toledo	234,894	374,906
Topeka	58,455	20,917
Washington	461,760	707,252
Wichita	18,905	29,600
Wilkes-Barre	103,109	82,329
Worcester	503,184	159,222
Total	40,408,476	45,812,923

The building permits from the Board of Public Works, as previously printed in the "Builder," show that more than 6 million is to be spent for Exposition buildings. As this is not yet started nor contracts filed it is not included in this month's estimate. Taking these figures into consideration the total given out to the Eastern papers amount to \$7,349,816. This amount is sure to be expended in the near future. So that while January may not have equaled last year's totals the coming year looks auspicious in its prospects.

From time immemorial the laws delays have been a theme for criticism of all people. To remedy this existing evil legislation has been invoked and laws innumerable have been passed. But little has been effected to expedite justice and hasten the process of its administration. These long delays and uncertainties have resulted in the people asking to have some say in the matter, and the passage of recall amendments to our fundamental laws has placed in their hands a means of preventing unfit judges from continuing in office after they have proved themselves to be unfit and virtually negating all the good results of worthy legislation.

To reform the practice and interpretation of the law in the Superior Courts of the City and County of San Francisco, Presiding Judge George A. Sturtevant has instituted a plan to expedite the affairs of the court that bids fair to do more in the way of reform than all the legislation of recent years. The plan is to assign to particular departments the different classes of cases. This will enable the trial judges to become specialists along these particular branches of the law and they will thus be able to render decision with greater promptness.

It also enables attorneys to know just what department their cases will

be assigned to in advance. So too it provides for the setting of a definite number of cases for trial each week in each department and assigns a judge to the hearing of insanity cases, incompetency and guardianship and removes the hearing of naturalization cases from the interference of actual trials. It further provides that cases must be decided by the judges within the statutory time when they are taken under submission and in cases where they can not so be decided that the judge may have assistance.

In presenting this plan to the judges the Presiding Judge stated:

"There is much talk about the reform of the law. A great American once said, 'We have never taken refuge behind criticism and complaint instead of action.' Let us all follow that statement. **The law is all right if it is correctly interpreted and practiced.** Let us try to act together and make one mighty effort to show that our work can be conducted with the same dispatch and accuracy as other large business interests are conducted."

The presiding judge should be most highly commended for taking this important step in the matter of expediting the administration of justice. It will save endless time and expense. It will lessen the expense of litigation many times and materially shorten the endless and vexatious delays incident to trials. It is a good thing for the people that they have a presiding judge that has the initiative and backbone to formulate such a plan and put it into active operation.

A letter from ex-Boss Croker to his former political associates in New York concludes: "I hope some good men will get in and drive them grafter-contractors out." Which shows that since his retirement Mr. Croker's political views have improved, even if his grammar hasn't.—Kansas City Star.

As the Exposition buildings develop and near completion an idea of their beauty begins to be suggested. And not the least element of the scheme is the coloring. The Machinery Hall, for instance, is beginning to take on the hues of the orient. As the staff is placed and the structures assume their complete form the artistic side becomes more and more apparent.

As is necessary in a world's fair the architecture is something of a medley of all nations. And often all one is constrained to the limitations which even in this age of steel is prescribed by the profession. No new or dominant note is struck. But is a sort of medley of all nations with its personifications, its types and differentiations. It will be something to look upon mainly because of demonstrations by present day methods of the possibilities of structural beauty embodying the forms and types worked out by the ancestors of the present day peoples of the world.

It is reported that the electric Iron Smelter at Heroult in Shasta County has closed down, not from any fault of the work but to install an even cheaper method of reducing the iron ore. This calls attention to a notable fact. That it is possible to smelt iron ore by the electric process at a small cost. And that means a great deal to California.

For it has vast ore deposits and untold water power. The great difficulty has been the cost of smelting and reducing the ore. With the electric process reduced to a commercial basis a great industry will be opened up which will bring great wealth to the people generally.

Lord Decies and wife (who was Vivien Gould) are still on the coast, and certain journals furnish lengthy accounts of their daily doings.

One newspaper in particular went so far as to give a detailed description of the mislaying by Lord Decies of his toilet set, explaining how he was forced to use his wife's brush and comb!

And this was considered important enough to be put on the wires and sent to various publications in various cities!

Consider how much space would have been devoted to the thrilling incident if Lord Decies had lost his

But why continue the terrible breeches, and had been forced to—thought!

Men and teams have been engaged and actual construction work has been begun on the Hetch-Hetchy project. It is probable that the amount of work done at present will simply comply with the law, which provides that actual work must be commenced within sixty days after granting of the permit. At any event it is a report of progress. And any action after twelve years of waiting and marking time is certainly welcome news.

Christofferson has succeeded in flying from San Francisco to San Diego and has conquered the wind currents of the mountain passes. These are like rapids in a stream and the aviator who passes over high mountain barriers is forced to go high into the air and force his way against strong and uncertain winds.

The proposal of the Panama Exposition to hold an aviation meet wherein a large prize will be offered for a race around the world seems to be of doubtful value and very difficult of execution. It would require the expenditure of a great deal of money, and entail an almost certain loss of life. And the result would probably not be of very great value. It would demonstrate that such a feat is possible, but it would not add anything to the safety of aerial navigation. As a theatrical stunt it would be of doubtful value for the people would only see the start and the finish. And the aviator, if he possibly escaped being dashed to death or shot by ignorant people in some part of the world or drowned in the ocean, would be a battered wreck at the end of the journey.

There seems to be a way out of the Panama tolls controversy by not exempting coast wise shipping and thus giving all nations an equal chance. At the same time a subsidy could be given American shipping so that it would in effect amount to the same thing. It may be unjust in theory to build up one industry at the expense of another. This is the theory of the protective tariff and in many cases it has developed monopolies. But nearly all the nations of the world have sub-

sidized their shipping interests and as a result American ships can not compete with them in carrying rates. The only reason subsidies have not been granted the same as other interests have been protected is that such an action would militate against the freight rates charged by the railroads. Certainly it would seem that the United States would have the right to exempt its coastwise shipping if it so desired. But if it violates treaty rights the same result can be obtained by granting a subsidy to our own ships. This would tend to lower freight rates and benefit everybody generally and not a few people of a favored industry as the protective tariff has often done.

The banquet held at Richmond last week to commemorate the establishment of the inner harbor at that growing city marks a distinct improvement for San Francisco Bay. The United States Government has approved the plan by the Rivers and Harbors Committee of the House and has recommended an initial appropriation of \$428,000.

All these things tend to build up a greater San Francisco. As Richmond is the terminal of the oil pipe line and the terminal of a transcontinental railroad it is a place for factory sites and a shipping point of first value. What-ever helps the Bay cities helps San Francisco. So that the growth of these Bay cities demand a water supply and a general welfare for the whole community.

A plan has been formed by a Mr. Pitkin to provide for transportation to the Fair site from the ferry building on a gravity railway on the same principle that beer cases are sent down the incline in a brewery. It seems feasible and no doubt would be a most interesting trip to take. There is no question but that the project would pay for itself in a short while and as the problem of transportation is a serious one it looks like a practical solution of the matter.

Architect G. Alexander Wright in the last edition of the Quantity Surveyor makes a plea for more complete plans and specifications. As this lack of completeness is the cause of as much difficulty and differences as any thing else in the building business, his words on this subject are worthy of universal notice. His argument is herewith quoted in full:

CANAL EXCAVATION IN DECEMBER.

The grand total of canal excavation to January 1st, 1914, was 215,458,272 cubic yards, leaving to be excavated 16,894,728 cubic yards. The total excavation for the month of December was 1,581,726 cubic yards. In the central division, including Culbra, the total was \$60,429 cubic yards, of which 161,000 cubic yards was removed by steam shovels from the top of the banks of Culbra cut in the zone of the slides, in order to relieve pressure, 417,807 cubic yards were taken out of the slides, and 141,000 cubic yards removed by the Culbra sluicing plant.—Sacramento Bee.

Scientifically Designed Kitchens.

By George E. Walsh, In The House Beautiful.

Until quite recently the kitchen received less attention from architects than almost any other part of the house, and their designs followed conventional lines of the past, or no lines at all, but were built in a haphazard way without much thought of convenience or suitability. We have erred in the past in both ways by building too small or too large kitchens. A revolt from the pantry-like kitchens so common in apartments led to the other extreme—large airy, oversized kitchens. A little calculation of the number of steps a housewife must take to prepare meals and serve them will show the chief objection to large kitchens. If the housewife prepares three meals a day, or 1,100 meals a year, she will walk about 20 miles in doing this work if the distance from the range to the dining room table is 25 feet. The size of the kitchen must be considered, and also the location of the range in its relationship to the position of the dining room table, the sink, pantry and other important parts of the workshop of the house.

First, consider the location of the kitchen. It should have a northern exposure as a rule, with only eastern or western windows besides those on the north. This keeps the kitchen cool in summer, while one with a southerly exposure is almost unendurably hot. The living rooms should have the southerly exposure with its flood of sunlight, but the kitchen does not need it. Proper ventilation, with windows or doors on opposite sides to give a cross draft, will keep the kitchen cool, airy and sanitary winter and summer.

The kitchen should be made as nearly square as possible, and not oblong as so many have been planned in the past. A square room saves many steps in the course of a day or week. In an oblong kitchen the range, sink or closet must be set at an unnecessary distance from the dining room, and a few steps extra to cover this space means in the course of a year a good many miles. In the modern scientifically planned kitchen the first consideration is to save steps. The kitchen should consequently be of medium size so that all parts of it can be reached with a few steps. The size must of course depend largely on the size of the house and the family. An architect who has tried to reduce the kitchen to a scientific basis, so that every unnecessary step is eliminated, estimates that for a family of five or under a kitchen ten by ten feet is of the proper size, and for larger families a kitchen twelve by twelve feet should answer all purposes, and a fourteen by fourteen size should seldom be built except for unusually large houses and families.

The arrangement of the various conveniences and useful equipments should follow some particular plan. The range should be placed in the middle of the wall next the dining room, with the door opening into the later

or a butler's pantry near to it. The sink should be placed in the middle of the wall at right angles to the range, and not opposite. The reason for this is that the housewife must pass constantly from sink to range in cooking, and the distance between the two should be cut down to the smallest space. If possible there should be placed in the wall between the sink and range the kitchen closet or pantry. By grouping these three important parts of the house laboratory close together one can cook often for hours without moving more than a step or two. If there is a gas range in the kitchen in addition to the coal stove it should have a position next to the latter, and provision must be made for this in designing the room at the beginning.

The pantry, closet or shelves adopted for a kitchen should never run down lower than within 30 inches of the floor. The upper tier should not exceed five feet. One of the hardest kinds of work in the kitchen is the constant stooping to get things out of the closet or hauling up a chair to reach some article above the head. By bringing everything within reaching distance much of the hard, back-breaking labor is eliminated. Likewise there should be some reform attempted in the kitchen range. The stove should be high enough so that the oven can be opened and closed without stooping to an unusual degree. The top of the stove should be on a level with the waist, and the oven as high up as possible. A low stove should be placed on a concrete base raised to a sufficient height to overcome its defect in this respect.

The kitchen sink should have no woodwork about it to harbor grease, dirt and germs, but should be of enameled ware or some sanitary stone or slate material. The spigots should be equipped with threads so that a short hose length can be attached for drawing water to any part of the kitchen. This will save carrying many pails of water for washing or scrubbing. Brass spigots are not as desirable as nickelled, for they are not as sanitary and they take more labor to keep clean. A combination spigot of hot and cold water is better than two separate ones, for then the temperature of the water can be regulated at any time to suit the needs.

The cost of equipping a kitchen properly must often be regulated by one's pocket book, and consequently one may not have all the modern improvements and sanitary arrangements. Where expense does not interfere, the kitchen should have a tile floor, which can be easily cleaned and is non-absorbent and perfectly sanitary. The glazed tiles are better for this purpose than the unglazed, and the prettiest shades for a kitchen are buff, browns and terra cotta. Glazed tiles, marble mosaic, terrazzo and granolithic floors are all sanitary and suitable for the kitchen, but they

all have the disadvantage of being cold to stand on. To overcome this kitchen floors made with these materials may have strips of carpet spread over them in cold weather. In recent years a good deal of effort has been expended in trying to find the ideal sanitary floor covering for model kitchens. Several of the compositions known as lignolith, monolith and asbestolith are made of wood fibre and plaster put in when in a plastic condition. They are troweled down to a smooth finish, polished and colored to suit. They are fireproof, and leave no joints or cracks where dust can collect, but the top surface in time wears off and they require revarnishing and repolishing the same as hardwood floors. They are not quite so cold to stand on as tile or cement compositions.

Tile and Cement Floors.

One did not desire a well-laid rift-sawn hard pine wood floor can be made to do good service. The chief thing is to see that it is laid on a solid foundation which will not vibrate with each tread of the foot. Then crack and joint fillers will not work loose so readily. Cracks should be filled up with some kind of good filler, and then oiled, varnished and rubbed down. A shellac finish is good, or even an oil finish. The corners of the rooms should be rounded out with a curved piece of moulding and the cracks filled. The worst places for collecting dust are in the corners and this can be avoided.

Wall papers should be rigidly banished from the kitchen walls. If tiles cannot be afforded use paint. If a hard cement plaster composes the walls several coats of white lead and oils should be applied. The wall may be grooved in lines to resemble tiles, and when a final coat of some shade of enamel paint is applied the effect is all that one can desire. Oil mixed with varnish can be rubbed into the ordinary wall until a soft yellow tint is applied, and each successive application will darken the surface a little. When the varnish is added to the oil the surface can be washed, and even steam will not discolor or affect it.

A generous hood should be placed over the kitchen range and connected with the ventilating flue, or if there is a register in the chimney connect it with that. This will carry the smoke and odors of cooking out of the room. Gas stoves have been improved in recent years, so that the odor no longer fills the kitchen as formerly, but such a range should be placed so that all possible odors can be carried up under the range hood.

Locating the Refrigerator.

In the modern sanitary and scientifically designed kitchen, the refrigerator is never placed directly into the kitchen, but is built into the wall, with an inside and outside entrance. The outside entrance is for cleaning and ventilating purposes and for putting in ice. The inside entrance is for reaching the articles stored there. On the

outside a door is made to open in two sections. The upper section is for filling with ice, and admits to no other part of the refrigerator, and the lower half is for cleaning and ventilating. If possible, the inside of the built-in refrigerator should come flush with the wall, but if this is not feasible the wall can be built out. The advantages of such an ice box are many. It is more sanitary than one in the kitchen, for the drainage is all through a pipe which drips outdoor and can be easily reached, the ice-box is always cooler, and the saving in ice is not inconsiderable, and the dirt is kept from the kitchen every time the ice-man calls. Improved built-in ice boxes have thin copper wire meshes on the outside so that the outside air can be admitted in winter, and for months at a time perfect refrigeration is obtained without the use of any ice. Even in summer the ice bill is considerably reduced by such an ice-box when located on the north side away from the sun.

Many conveniences can be arranged in a kitchen other than the above which will save time and footsteps. One in particular, suitable for summer houses, and used in some town homes, is to construct a china closet within the partition separating the kitchen from the dining room. This closet, with its series of shelves, has glass door opening on either side, one in the kitchen and one in the dining room. The china dishes most used are kept in this closet, and they can be reached equally well from either room. In addition to this, one of the shelves can be used for changing the dirty dishes or for putting food from the stove to the table. Before leaving either room the shelf can be filled with dishes and then taken off in the other room without additional steps. This double wall closet does not detract from the appearance of the dining room if finished off properly, and its double usefulness is exposed only when the door in the kitchen is opened.

A model kitchen designed by an architect in Paris has the novelty of an endless or moving platform which carries dishes and articles from the stove to the dining room and back again to the sink. It facilitates work and lessens the labor of the housewife. The hot dishes are placed on the moving shelf direct from the stove or oven. A slight push or pull of the hand carries the steaming viands through a narrow aperture in the wall to a glass closet in the dining room. By opening the door of this closet the dishes can be reached and placed on the table. Then dirty dishes are put back in the closet on the movable shelf, and another push sends them to the sink, where they are removed and washed. When cleaned the dishes are once more put on the endless platform and they are carried to the china closet to be put away for another meal. In working out this idea the French architect estimates that the movable shelf saves on an average one step in four in the preparation and serving of every meal. If this is true it should mean a saving of a walk of something like fifty miles each year.

All sorts of furniture have been invented, discarded or adopted for kitchens. Collapsible and convertible tables, and chairs which can be turned into step ladders and clothes horses,

are features of this sort of furniture. But, after all, plainness and simplicity are desirable. When articles become complicated one loses more time in operating them than they save through novel devices. An elaborate kitchen table, with drawers, shelves, hooks and sundry other devices, may look well and seem theoretically very helpful, but a plain, simple table with a few drawers will prove the most advantageous. One table so designed had to be opened in the center to reach certain articles, the inventor never realizing that it might be a little inconvenient to divide the table and open it for some article when the top was covered with numerous articles of cookery.

Local Company Secures Export Agents.

W. R. Grace & Co. Will Handle the Paint Products Sales in South America and Australia.

The Paint Products Corporation, Sharon Bldg., 55 New Montgomery St., San Francisco, has completed arrangements with W. R. Grace & Company for the marketing of their L & S Cement Paint in Central and South America and Australia.

This firm is represented, or has connections in most of the cities of Central and South America, also Australia and New Zealand, and in many European countries. The fact that Grace & Company has taken up the sale of L & S Cement paint is good evidence that the Paint Products Corporation will do a large export business.

The following letter has been issued by W. R. Grace & Company to its various agents:

L & S Cement Paint.

We are sole export agents for Central and South America, and Australia. This paint is different from all others. It meets all the requirements of a first class oil and lead paint, is better than the most expensive kinds, and it offers numerous advantages to which no other paint can lay claim. It costs less, goes further, and lasts longer.

L & S Cement Paint is not a cold water paint, but is compounded from the best obtainable linseed oil, French zinc, non-fading colors, and Portland Cement. It does not settle and is not inflammable in the containers. It is fireproof, acid proof, vermin proof, and weather proof to the fullest extent. It will not crack, blister or peel from any heat or flame. The rain cannot wash it off, the sun cannot crack or discolor it.

It adheres to any surface—wood, brick, concrete, steel, black or galvanized iron, and ready made roofing. It clings to all kinds of material as though it were a part of the material itself, giving somewhat the appearance of a cement finish. Colors of every hue can be supplied. It is guaranteed to adhere to galvanized iron better than the galvanizing coat. It is thus of inestimable value for all localities where galvanized iron, either smooth or corrugated, is used in roofing and building.

L & S Cement Paint thoroughly fills a long felt need in tropical countries,

where galvanized iron rapidly deteriorates in the moist atmosphere, and no lasting protection has ever been found in ordinary paints. Upon request we will furnish interested parties samples of galvanized iron coated with L & S Cement Paint.

L & S Cement Paint can be applied equally well with brush or spraying machine, and sets hard within 50 or 60 hours, producing a flat finish. As it does not set too quickly it covers and spreads better, and goes one-third further, than the best lead and oil. L & S Cement Paint is made in any color, from pure white to the most brilliant shades, and we can match all standard colors to a nicety.

Packing.

Cases—2 5 gallon cans; gross 142½ lbs.; net 127 lbs.

Case—1 5 gallon can; gross 72 lbs.; net 63½ lbs.

Cases—6 1 gallon tins; gross about 91 lbs.; net 76 lbs.

Barrels of 50 gallons—about 700 lbs.; net 635 lbs.

EXPOSITION NOTES.

The gigantic Palace of Machinery is completed, the Palace of Education is 95 per cent finished, and all of the eight exhibit palaces in the main group have passed the 50 per cent mark in point of completion, according to the latest report of building progress issued by Harris D. H. Connick, Director of Works of the Panama-Pacific International Exposition.

Besides the Palace of Machinery, four of the main exhibit palaces are 75 per cent or more completed and four others have passed the 50 per cent mark. It is estimated that the Palace of Education will be finished during February and that the Palaces of Mines and Metallurgy, Varied Industries and Agriculture will be completed during March.

Construction of the Idaho Building at the exposition, begun early in February, is progressing rapidly and will be completed early in March, according to present estimates. The New York Pavilion and the Canadian building also are under way.

The list of conventions to meet in San Francisco during the progress of the Panama-Pacific International Exposition now totals 212, the last convention formally booked being the National Optical Association. One convention a day for the past week is the rate at which fraternal bodies, commercial and industrial organizations, and learned societies, have signified their intentions of meeting in San Francisco during the exposition.

Announcement was made on Monday, February 2, of the Panama-Pacific International Aviation race around the world to take place in May, 1915, starting and ending on the exposition grounds. The exposition has offered a prize of \$150,000 which will be increased to \$300,000 or more by contribution from private individuals and cities along the route to be chosen.

In point of prize value, this becomes the greatest single sporting event in the history of the world. The course around the world will be patrolled by the various nations through whose

domain the route runs and across the Atlantic and Pacific by France, England and American, and by Japan respectively.

President Charles C. Moore of the exposition has been advised that both houses of the Chilean Congress have passed the appropriation bill of \$180,000 gold for the exhibit of Chile at the 1915 universal celebration. This appropriation completes the chain of principal South American Republics which have appropriated funds to participate in the exposition.

Laying of the foundation for the New York Pavillon at the Panama-Pacific International Exposition was begun February 13th. Neil A. McLean, the contractor, expects to complete the building in 200 days.

Edmund Clifton, New Zealand's commissioner to the exposition, is in San Francisco and announces that plans will be rushed for the New Zealand building.

A Stirling Calder, acting chief of the sculpture of the exposition, announces that one-third of the enlargements in heroic size of the statuary that is to adorn the Panama-Pacific International Exposition, have been completed or now are under way.

FOREST NOTES.

Receipts from the use of national forest resources were greatest in Arizona last year.

Dr. C. D. Marsh of the federal bureau of plant industry is delivering a series of illustrated lectures to stockmen in the west on the subject of plants poisonous to stock.

The Biltmore forest school, established in 1893 and therefore the oldest forest school in America, has been discontinued. Dr. C. A. Schenck, its director, has returned to his home in Germany.

The forest service is compiling a new volume table for calculating the board contents of standing western yellow pine trees in the southwest. It is based on actual measurements of 6,000 trees.

In trying to find uses for blight-killed chestnut it has been found that it can not be utilized for crating stone; quarry owners say that chestnut wood leaves an indelible stain on the marble or granite.

JAMES A. WILSON, PRESIDENT OF BUILDERS' EXCHANGE, PASSED AWAY.

James A. Wilson, one of the founders of the Builders' Exchange, died last Saturday after a very brief illness. He was buried yesterday under auspices of Mission Lodge of Masons, of which he was a Past Master.

Mr. Wilson was born 55 years ago, coming to San Francisco at an early age and identifying himself with the building industry, first as a journeyman and later as a General Contractor.

Mr. Wilson was recognized as the

guiding genius of the Builders' Exchange, serving that body as Secretary for fifteen years and as President for the past two years, which position he filled at the time of his death.

No important gathering of the Con-

tractors was ever complete without the attendance of Mr. Wilson, whose wit, humor and sound judgment were always in demand.

The Exchange has lost one of its most valued members.

ANNUAL BANQUET SHEET METAL CONTRACTORS ASSOCIATION OF S. F.



The recent banquet held by the Sheet Metal Contractors Association of San Francisco was attended by almost the entire membership. Those who did not attend are out and injured, because the affair was a glorious success from the opening cock tail to the closing black coffee and cigars.

The affair was held in the beefsteak room of the Hof Brau Cafe. When once in the room you feel that you are in the country, because the room is a typical reproduction of a country barn. It must be seen to be appreciated. And the banquet too was unique because it was simple and solid. Just the kind of a dinner a healthy, vigorous sheet metal worker likes to put under his belt. Here is what the boys got for their money:

MENU.

Martini Cocktail	Radishes
Combination Salad	
Consomme with Rice	
Celery	Olives
Filet of Sole, Tartar Sauce	
Jullienne Potatoes	
Pounded Ramp Steak a la Hof-Brau	
Ice Cream	Assorted Cakes
Cheese	Coffee
Red and White Wine	
Good fellowship reigned supreme under the guidance of Toastmaster H. J. Hughes, who kept the revelers entertained with speeches and songs.	

One of the happy surprises of the evening was the presentation to Past President, H. J. Hughes, of a beautiful clock in recognition of his valuable services as President.

Addresses were made by President Geo. Forderer, Vice President, Chas. J. McDonnell, R. B. Moore, President of the Building Trades Employers Asso-

ciation; Wm. E. Hague, Secretary of the General Contractors' Association; Mr. Meyers of Berger Carter Co.; M. C. Kidder of the Accident and Insurance Board, etc.

Songs were sung by Miss Jessie Dale, Messrs. Wm. E. Hague, Otis Johnson, L. A. Larsen, etc. Everybody expected Thos. Gullifoy to sing "Red Wing," but he disappointed everybody—said he forgot his music.

In addition to the above members the following were also present, viz.:

Chas. Amsler, Chas. F. McDonnell, T. J. Topper, Thos. Gullifoy, Thos. Comyns, Wesley Heldt, Chas. Conlin, Chas. Morrison, T. Lahaye, Jos. Schwartz, J. A. Korell, Wm. H. Yates, A. G. Overpack, W. A. Clauser, Ideal Cornice Co., R. W. Glenn, Mr. Meyer of Berger Mfg. Co., Mr. Emanuel and Ray Nolan of Pacific Hardware & Steel Co., a representative from Holbrook, Merrill & Stetson.

The annual report read by Secretary Geo. S. McCallum showed the association had done fine work for the members, both in State and Civic Legislation, and the association was in a very healthy financial condition.

The following are the officers of the Association:

Officers

George Forderer, President; Chas. McDonnell, Vice-President; Geo. S. McCallum, Secretary.

Executive Committee

H. J. Hughes, T. Lahaye, Arthur Conlin, Thomas Comyns and Chas. Amsler.

Banquet Committee

H. J. Hughes, Wesley Heldt, Geo. S. McCallum.

Toastmaster

H. J. Hughes.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 4 story and base, brick. Cost not stated. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, A. H. Herbert. The building will be erected at the corner of Clay and Jones streets, and will contain a number of three and four room suites with baths and wall beds. Interiors will be finished in pine and redwood with some elm panels. There will be steam heat and a hot water system. The owner has not fully decided on whether to make the structure a three-story frame or add one more story and make it a brick building. Bath rooms will be finished in tile and will have composition floors. Exterior of the building will be faced with either pressed brick or cement plaster on metal lath. Figures are being taken on the foundation work.

SAN FRANCISCO—Apartment house, 4 story and base, brick, \$20,000. Architect, Edward E. Young, 251 Kearny street, S. F. Owner Herman Hogrefe. The building will be erected on the east side of Leavenworth street south of Sutter, covering an area of 25 by 84 feet. Plans provide for eight large apartments. Interior finish will be of pine and redwood with elm panels and oak floors. There will be steam heat and a hot water system. An automatic elevator may be installed. Bath rooms will have the wainscot and composition floors. All suites will be equipped with wall beds. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Apartment house, 7 story and base, reinforced concrete, \$150,000. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner, A. W. Wilson. The building will be erected at the corner of Powell and California streets and will cover a large ground area. Construction will be of reinforced concrete type and throughout and will be practically fireproof. There will be but two suites on each floor, the apartments varying from eight to nine rooms. Interiors will be handsomely finished in pine and selected hardwoods to suite the taste of the occupant. All suites will have wall beds, private bath rooms and open fire places. Mantels will be of tile and brick. Bath rooms will have tile floors and wainscot. There will be a steam heating system, hot water supply and vacuum cleaning. Marble and tile will be used extensively. Exterior of the building will be faced with white cement plaster in imitation of cut stone. Plans are now complete and figures are being taken. All parts of the work will be segregated.

SAN FRANCISCO—Apartment house alterations, frame construction, \$3,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name not given. The three-story building located on Sacramento street west of Jones will undergo extensive alterations, and will be made into a first-class apartment house structure. Included in the work will be new interior partitions, plumbing,

plastering, painting, mill work and electric work. Exterior of the building will also be altered. Marble and tile will be used in the entrance. Plans are complete and figures have been taken. A general contract will be let within a few days.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$30,000. Architect, Joseph Cahen, 45 Kearny street, S. F. Owner's name withheld. The building will be erected on Perkins street at the corner of Grand avenue and will cover a considerable ground area. There will be a total of 66 rooms in the building, which are to be arranged in two, three and four room suites, all with private bath and wall beds. Interior finish will be of pine and redwood with some hardwood veneer. Oak floors will be used in the living rooms. Plans provide for steam heat and a hot water system. Marble and tile will be used in the entrance. Bath rooms will have the wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath, rustic and shiplap. Plans are now being prepared.

STOCKTON, SAN JOAQUIN CO., CAL.—Apartment house alterations, 2½ story and base, frame. Cost not stated. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owner, A. B. Munson. The present 2½ story frame residence located on Pilgrim street at the corner of South will be extensively altered and arranged for two and three room apartments, which will be equipped with all modern conveniences. The work will require new interior partitions, plastering, plumbing, painting and electric work. New interior finish and considerable exterior alteration will also be made. Plans are complete and figures are now being taken.

SAN FRANCISCO—Apartment house, 3 story and base, reinforced concrete, \$25,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, The Eisenbach Co. The building will be erected on Leavenworth street between Turk and Eddy streets. Plans are arranged for stores on the first floor and a number of two and three room suites on the two upper floors. There will be steam heat and a hot water supply. All suites will have private bath rooms and wall beds. Bath rooms will have tile wainscot and composition floors. Interior of the apartments will be finished in pine with some oak floors and elm panels. Exterior of the building will be faced with cement plaster. Plans are now nearly complete.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$25,000. Architect, John Carson, Bacon Bldg., Oakland. Owners, Loewe and Fause. The building will be erected at the corner of 10th and Madison streets. Interior will be arranged for a number of two and three room suites with private baths and wall beds. Interior finish will be of pine and redwood with some elm panels. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot

and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be faced with cement plaster on metal lath. Plans are nearly complete and work will shortly be started by Day Labor. All materials are now being purchased.

BATH HOUSES.

Contracts Awarded.

SAN RAFAEL, MARIN CO., CAL.—Bath house, 2 story and base, reinforced concrete. Cost not stated. Architect, Thomas O'Connor, San Rafael. Owners, City of San Rafael. Contractor, J. A. Kappennann, Jr., San Rafael. Contract price, \$31,300.

BRIDGES AND DAMS.

SAN FRANCISCO—Creosoted pile. Cost not stated. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. Plans are complete for furnishing a large number of fresh-cut, first-quality Douglas Fir piles which have been treated, according to specifications, with creosote. Bids for this work will be opened on March 5th. Plans and specifications and full particulars can be secured by applying to the State Board of Harbor Commissioners, Ferry Bldg. An official proposal appears in another column of this issue.

KINGS RIVER, FRESNO CO., CAL.—Wagon bridge, pile and timber construction. Cost not stated. Engineer, County Surveyor, Fresno. Owners, Fresno County. Plans have been completed and have received the approval of the Fresno County Supervisors for the construction of a wagon bridge over the Kings River near Reedley. The bridge will replace the one recently washed out by the heavy rains. Bids have been advertised for and will be opened on March 6th. Plans and specifications can be secured from the County Clerk at Fresno.

VANCOUVER, B. C.—Viaducts, reinforced concrete and steel, \$350,000. Engineer, City Engineer, Vancouver. Engineer, City Engineer, Vancouver. Owners, City of Vancouver. Plans have been completed and are now out for figures for the construction of the four east viaducts which are to span the Great Northern tracks at Hastings, Bender, Keefe and Harris streets. Bids will be received on March 4th and may be addressed to City Clerk W. McQueen. Separate bids will be received for each viaduct and also for the work as a whole. Plans and specifications can be secured from the office of the City Engineer, Vancouver.

CHURCHES.

WALLA WALLA, WASH.—Mausoleum, 1 story, reinforced concrete, \$100,000. Architect, W. Marbury Somerville, White Bldg., Seattle. Northwest Mausoleum Co. Contractors, Cornell Bros., Savage-Seafeld Bldg., Tacoma. Contract price, \$100,000. Note: Cornell Bros. will construct all buildings to be erected by the Northwest Mausoleum Company in Washington and Oregon. The company now has under consideration mausoleums in several of the large cities and towns in the two states mentioned.

FACTORIES & WAREHOUSES.

OAKLAND, CAL.—Ice and cold storage plant, 1 and 2 story, brick. Cost not stated. Engineers, Paget Engineering Co., 354 Pine street, S. F. Owner's name withheld. The building will be erected in a district close to spur track facilities and adjoining the commission district. Besides the cold storage plant the buildings will house a complete ice making plant. Interior will be finished in pine. There will be cement floors and metal window sash and frames. Special cold storage machinery and ice making plant will be installed. Exterior of the building will be faced with stock brick. Further mention will be made of this work when plans are ready for figures.

1 and 2 story, brick. Cost not stated. Oakland, Cal. Engineers, Paget Engineering Co., 354 Pine street, S. F. Owner's name withheld. The building will be erected in a district close to spur track facilities and adjoining the commission district. Besides the cold storage plant the buildings will house a complete ice making plant. Interior will be finished in pine. There will be cement floors and metal window sash and frames. Special cold storage machinery and ice making plant will be installed. Exterior of the building will be faced with stock brick. Further mention will be made of this work when plans are ready for figures.

Contracts Awarded.

PORTLAND, ORE.—Creamery, 2 story and base, reinforced concrete, \$22,000. Architects, Emil Schaacht & Son, Commonwealth Bldg., Portland. Owners, Townsend Creamery Co. Contractors, Boye-John-Arnold Co., Panama Bldg., Portland. Contract price, \$22,000.

FLATS.

SAN FRANCISCO.—Flats, 2 story and base, frame, \$3,000. Architect, none. Owner, H. R. Picken, 1412 Guerrero street, S. F. The building will be erected on the south side of Welsh street, covering an area of 20 by 46 feet. Interior will be arranged for two modern flats of five rooms and bath. Interior finish will be of pine and redwood with oak floors in the living and dining rooms. There will be open fire places and tile mantels. Tile wainscot will be used in the bath room and kitchen. Entrances will be finished in terrazzo. Exterior of the building will be covered with rustic and shiplap. Plans are in the hands of the owner and the work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO.—Flats, 3 story and base, frame, \$6,500. Architect, J. A. Porporato, 619 Washington street, S. F. Owner, M. M. Porporato. The building will be erected on the east side of Leavenworth street south of Union. The building will have a frontage of 25 feet and a depth of 50 feet. There will be three modern four and five room flats with baths. Interior finish will be of pine and redwood. Each living room will have an open fire place with tile mantel. Bath rooms will have tile wainscot and composition floors. Thirty-gallon boilers are specified. Oak floors will be used in the living and dining rooms. Entrance

will be finished in mosaic. Exterior of the building will be covered with rustic and shiplap. A pressed brick base will be used. Plans are complete and work will be done by Day Labor.

SAN FRANCISCO.—Flats, 2 story and base, frame, \$4,500. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, F. Hock. The building will be erected on the north side of Anza street east of 9th avenue, covering an area of 25 by 61½ feet, and has been arranged for two modern flats. Interiors will be finished in pine and redwood with hardwood floors in the principal rooms. There will be two open fire places and tile or brick mantels. Bath rooms will have tile wainscot and composition floors. An automatic water heater will be installed in each flat. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

Contracts Awarded.

SAN FRANCISCO.—Flats, 3 story and base, frame, \$6,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, D. Cavallieri. Contractor, N. P. Anderson, 320 Market street, S. F. Contract price, \$6,000.

GARAGES.

Contracts Awarded.

ST. HELENS, ORE.—Garage, 2 story and base, brick and concrete, \$20,000. Architects, Houghtaling & Dougan, Henry Bldg., Portland. Owner, Columbia Country Auto Club. Contractor, W. B. Donahue, 869 East 13th street, North Portland. Contract price, \$20,000.

GOVERNMENT WORK AND SUPPLIES.

Steel for Coaling Plant.

In connection with bids to be opened March 28 at the bureau of yards and docks for erecting structural steel work for coaling plant at Pearl Harbor the specifications state as follows:

General Intention.—It is the acknowledged intention and meaning to provide and secure the erection and painting of all the structural steel work shown upon the plans, ready for placing upon it the railway and coal-hoisting tower tracks; two movable coal chutes are also to be installed in complete working order. The piers in the coal basin will be of concrete and will be built by the government ready to receive the trusses. The government will also build all piers for the trestle towers and will furnish and set all anchor bolts and furnish and install all ties, tie fastenings, rails, splices, spikes, frogs, switches, etc.

General Description.—The work comprises a steel trestle on the main wharf for carrying the rails to support coal-hoisting towers of 30-foot gage, center to center of rails, and a standard gage railway track, supported by brackets extending beyond the outboard trestle columns. There are also trestles on the approach piers carrying the standard gage railway track and connecting with shore trestles, which in turn connect with six lines of single track over the coal basins. On the shore, with the exception of the trestles over the coal basins, the track girders are supported on braced steel towers.

Girder ends over the coal basins are to be carried by concrete piers to be built by the government. At the inshore track running parallel to the southerly side of the coal basin there shall be a steel trestle ramp connecting the elevated track with the surface track. Two large portable coal chutes hung to steel frames, supported upon wheels running upon a rail on the wharf floor are to be installed; the chute frames are to be held near their upper end by trolleys bearing against the flanges of a horizontal longitudinal girder fastened to the outboard column brackets. The power for operating the chutes shall be manual.

General Dimensions.—The trestle on the main wharf is 460 feet long, center to center of end posts on the wharf.

The curved trestle on the south approach wharf to the main pier is about 200 feet long and 15 feet wide, center to center of columns.

The trestle on the north approach to the main pier is about 200 feet long and 15 feet wide, center to center of columns.

On shore outside of the coal basin there is about 1,000 feet of straight elevated track and about 700 feet of curved track; over the basin there is about 2,700 feet of straight elevated track and about 2,000 feet of curved track. The total amount of elevated trackage, including wharf and approaches, is about 7,600 feet.

San Francisco Circular No. 122.

The following proposals were received by the depot quartermaster, San Francisco, Cal., under office circular No. 122, for 65,000 shingles, cedar:

McCullough Lumber Co., Royal Insurance Building, San Francisco, Cal., \$2.25 per M; delivery immediately.

Hart-Wood Lumber Co., 304 Berry street, San Francisco, Cal., \$2.20 per M; 1 day.

The Charles Nelson Co., 16 California street, San Francisco, Cal., \$2.09 per M; 1 day; accepted.

Union Lumber Co., 1008 Crocker Building, San Francisco, Cal., \$2.25 per M; 5 days.

Redwood Manufacturers' Co., 453 Bryant street, San Francisco, Cal., \$2.25 per M; 5 days.

Pope & Talbot, foot of 3rd street, San Francisco, Cal., \$2.24 per M; 1 day.

Van Arsdale-Harris Lumber Co., 5th and Brannan streets, San Francisco, Cal., \$2.09 per M; 2 days.

San Diego, Cal., Vault Shelving.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for installing metal vault shelving in the U. S. post office at San Diego, Cal.:

The Berger Mfg. Co., Canton, Ohio, \$1.122.

The H. H. Shults Co., Gowanda, N. Y., \$1.298.

Art Metal Construction Co., Jamestown, N. Y., \$1.400.

The Van Dorn Iron Works, Cleveland, Ohio, \$1.400.

Crown Metal Construction Co., Jamestown, N. Y., \$1.454.

Pearl Harbor, H. T., Structural Steel.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for fabrication and delivery of structural steel for five shop buildings

at the U. S. naval station, Pearl Harbor, H. T.:

Item 1, material, complete, in accordance with plans and specifications, f. a. s. New York; 2, do, f. a. s. Philadelphia; 3, do, f. o. b. cars manufacturer's works; 4, do, f. o. b. cars, Pearl Harbor, H. T.

Hamilton & Chambers, 29 Broadway, New York city, item 1, \$58,793; 2, \$58,440; 3, \$56,959; 4, \$72,550.

R. C. Hoffman & Co., Inc., Baltimore, Md., item 1, \$59,800; 2, \$59,200; 3, \$58,400.

United States Steel Products Co., 30 Church street, New York city, item 1, \$48,816; 2, \$48,458; 3, \$49,126; 4, \$62,530.

The Ritter-Conley Mfg. Co., Leetsdale, Pa., item 1, \$52,517.35; 2, \$52,288.50; 3, \$50,093.47; 4, \$67,984.

The McClintic-Marshall Co., 1421 Chestnut street, Philadelphia, Pa., item 1, \$54,000; 2, \$53,500; 3, \$32,500.

The Belmont Iron Works, 22nd and Washington avenue, Philadelphia, Pa., item 1, \$50,645; 2, \$50,195; 3, \$49,525; 4, \$63,425.

Problem of Naval Construction.

If the Secretary of the Navy had not been so much occupied last week with daily hearings before the House Naval Committee, he would probably have been able to give further consideration to the placing of the contracts for the construction of the supply ship and the transport, bids for which were opened on December 20, on which occasion the Newport News Shipbuilding and Dry Dock Company appeared as the lowest bidder in prices ranging from \$1,315,000 to \$1,350,000 for the supply ship and from \$1,695,000 to \$1,730,000 for the transport, according to the class of bid and place of trial. It was expected that the contract would be awarded to the Newport News firm on the basis of these bids, in accordance with the recommendation which, it was understood, was made by the chief constructor and engineer in chief. The Navy Department, however, obtained bids for the same work from various navy yards, and it now appears that Secretary Daniels is inclined to place the order for the construction of the transport at the Philadelphia navy yard in the sum of \$1,350,000, in round figures, and at the Boston navy yard for the construction of the supply ship at a cost of about \$1,047,000. The difference in amount between the navy yard estimates and the bid of the Newport News firm is such as to at once excite comment and to lead to the suggestion that the Navy Department proceed with caution in any decision which may result in building these vessels at the Philadelphia and Boston navy yards, where, it is pointed out, there are at present no facilities in the way of cranes and building ways for the conduct of this work, and it is estimated that the cost of the necessary installation will be from \$50,000 to \$75,000 at each establishment. While these facilities would be permanent and should be installed with a view of extensions so as to provide for larger ships at some future time, it is realized that the cost of the equipment must be added to the navy yard estimate. Aside from that factor, some of the advisors of the Secretary of the Navy entertain considerable doubt as to the reliability of the estimates from

Philadelphia and Boston, and this has led Secretary Daniels to call for additional information which shall reveal to the Navy Department the itemized amounts which go to make up the estimate in total. It has been remarked that of all the navy yards only those at New York and Mare Island are in a position of constructing the transport and supply ship, so far as the possession of facilities has any bearing on the projects; then, too, there is considerable doubt as to the means existing at the other navy yards for making an estimate of cost of construction upon which the Navy Department may depend. It has been freely predicted that neither the Philadelphia nor the Boston estimate represents an amount within which it will be possible to build the new vessels at those navy yards. There is no check which the Navy Department may apply at the navy yard where the work would be done so as to require that the construction shall be at a cost within the estimates given, or, for that matter, within the limit of cost imposed by Congress. Under such circumstances, in view of the unreliability of navy yard estimates and the disadvantage to which the shipbuilding firms are placed in making bids on what is obviously an unfair system of competition, it is quite evident that the shipbuilders who go to the trouble and expense of preparing bids have a right to entertain a grievance against the Navy Department. It is only natural that they should feel that the political favoritism exerted in behalf of navy yards is at their expense.

St. Mary's Canal.

The Reclamation Service is asking for proposals for construction of a portion of the St. Mary's Canal, St. Mary's storage unit, Milk River irrigation project, Mont. The work includes about 560,000 cubic yards of excavation, 7,750 cubic yards of concrete, 13,000 square yards of paving, 700 cubic yards of riprap, and 5,500 cubic yards of puddling; the placing of about 455,000 pounds of steel reinforcement bars, and 293,000 feet, board measure, of lumber in wood structures, and the erection of about 105,000 pounds of miscellaneous metal work. The work is situated in the Blackfeet Indian Reservation, about 40 miles northwest of Browning, Mont. The bids will be opened at 2 o'clock p. m. April 15, 1914, at the office of the Reclamation Service, Great Falls, Mont.

San Francisco, Cal., Mint.

The bid of the Butte Engineering & Electric Co., San Francisco, Cal., \$3,300 in amount, has been accepted for the installation of a burglar alarm system in the U. S. Mint at San Francisco, Cal.

Washington Office, Panama Canal.

On and after April 1 next the office of the Isthmian Canal Commission in this city will be practically abolished and will thereafter be known as the Washington office of the Panama Canal. Major F. C. Boggs will remain in charge of the office. It is not expected that any immediate change will be made in the office force.

Walla Walla, Wash., Vault Shelving. The contract for installing metal

vault shelving in the U. S. post office at Walla Walla, Wash., has been awarded to Crown Metal Construction Co., Jamestown, N. Y., at \$782.60.

Metal Flumes.

The Reclamation Service is asking for proposals for furnishing and erecting metal flumes on irrigation projects in Montana, Wyoming and North Dakota. The work involves the furnishing of about 7,357 linear feet of flumes of various diameters, ranging from 2 feet 6 1/2 inches to 14 feet, and the erection of about 3,950 linear feet of flume of 8 feet 3 1/2 inches diameter. The bids will be opened at 2 o'clock p. m. March 9, 1914, at the office of the Reclamation Service at Great Falls, Mont.

Grand Junction, Colo., Post Office.

All bids received by the supervising architect, Treasury Department, Washington, D. C., for the construction, complete, including mechanical equipment of the U. S. post office at Grand Junction, Colo., have been rejected.

Roller Dams.

Under authority of the Secretary of the Interior, contract has been awarded for furnishing roller dams to constitute a movable crest for the Grand River dam of the Grand Valley irrigation project, Colo. The apparatus includes one steel roller 60 feet in length and six rollers 70 feet in length, complete, with all operating devices, except electric motors, the total cost being \$27,846 f. o. b. Antwerp. The roller dams covered by the patents under which this apparatus is to be manufactured are of the most satisfactory type available for movable crests of the lengths required in this case. In 1912 a similar contract was executed for the manufacture of a roller weir for the diversion dam of the Boise project, Idaho, and the apparatus furnished has in every way met the expectations of the engineers and has given excellent work.

HALLS & SOCIETY BLDGS—

SAN FRANCISCO—City Hall work. Cost not stated. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Plans have been completed and are now out for figures on the electric work, installation of vacuum cleaning system and pneumatic tubes. This work will be figured as a whole. Bids are also being called for on the furnishing of a water supply to the City Hall. Bids for this work and that above mentioned will be opened on March 4th by the Board of Public Works. Official proposals appear in another column of this issue. Plans and specifications can be secured from the Board of Public Works.

SAN MATEO, SAN MATEO CO., CAL.—City Hall, 2 story and base, reinforced concrete, \$40,000. Architects, Havens & Toepke, 46 Kearny street, S. F. Owners, City of San Mateo. Bids opened for this work show Caldwell & Wisnom low on the general construction at \$32,128; Snook & Co. low on the plumbing and heating at \$4,957, and J. F. Killelea low on the painting at \$1,690. Contracts will probably be awarded these firms. A complete list of the

bids received will be found under the heading of San Jose and the Santa Clara Valley in this issue.

HOTELS.

SAN FRANCISCO—Hotel, 7 story and base, brick and steel, \$75,000. Architects, Smith & Stewart, 244 Kearny street, S. F. Owner, A. O. Stewart. The building will be erected on the north side of O'Farrell street east of Taylor, having a frontage of 27½ feet and a depth of 137½ feet. There will be two stories besides the hotel entrance, office and lobby on the first floor. Upper six floors will contain a total of 66 rooms, all of which will have private baths. Interior finish will be of pine and hardwoods. There will be steam heat, elevator service, a vacuum cleaning plant, hot water supply and metal window sash and frames. Entrance and lobby will be finished in marble and ornamental plaster. Exterior of the building will be faced with dark red pressed brick trimmed in heavy white ornamental terra cotta. Plans are nearly complete and figures will be called for shortly.

SAN FRANCISCO—Hotel, 4 story and base, reinforced concrete. Cost not stated. Architect, L. Mastropasqua, 580 Washington street, S. F. Owner, Nicola Capurro, 1351 Grant avenue. The building will be erected at the southeast corner of Broadway and Bartol Place and will cover an area of 40½ by 57½ feet. There will be one store besides the hotel entrance and lobby on the first floor. Upper floors will be arranged for a number of guest rooms and public baths. All interior finish will be of pine and redwood. Bath rooms will have composition floors and tile wainscot. Plans provide for steam heat and a hot water supply. Exterior of the building will be faced with cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SEASIDE, ORE.—Hotel and stores, 2 story and base, reinforced concrete, \$50,000. Architect, P. Manson White, Seaside. Owners, Alex Grant and Son. The building will be erected on a corner site and will cover an area of 170 by 174 feet. There will be fourteen stores on the first floor. An uncompleted wing in the rear 98 feet in length is also included in the plans. Second floor will contain a total of 92 guest rooms and a number of offices. Plans provide for steam heat and a hot water system. Interior will be finished in pine throughout. There will be a cement first floor, patent store fronts and metal window sash and frames. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

FRESNO, FRESNO CO., CAL.—Hotel alteration, 3 story and base, brick, \$19,000. Architect, E. A. Mathewson, Forsythe Bldg., Fresno. Owner, H. Graff. The present building located on K and Kern streets will be rearranged and upper floors partitioned off for modern hotel rooms and baths. The first floor will be arranged for stores. Work will include interior partitions, plastering, painting, plumbing, mill work, electric work and hot water system. Marble base and patent store fronts will be used. Exterior of the

building will be faced with cement plaster. Plans are being prepared.

SAN FRANCISCO—Hotel and stores, 6 story and base. Class C construction, \$125,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, P. J. Gartland. The building will be erected at the southwest corner of Geary and Larkin streets, covering an area of 76 by 120 feet. There will be several stores on the first floor besides the hotel lobby and office. Upper floors will be arranged for a number of guest rooms, a large percentage of which will have private baths. Interior will be finished in pine and Janesboro, with ornamental plaster and tile wainscot in the lobby. Plans provide for steam heat, a hot water system, elevator service and vacuum cleaning. Bath rooms will have tile wainscot and composition floors. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

OAKLAND, CAL.—Hotel and stores, 7 story and base, brick and steel, \$80,000. Architects, Thomas & Oliver, Pantages Theatre Bldg., Oakland. Owner, Roger Coit. The building will be erected at the northwest corner of 14th and Harrison streets, and has been designed to contain several stores on the first floor while upper floors will be arranged for a total of 80 rooms and baths. Interior finish will be largely of pine with some hardwood and ornamental plaster in the lobby. Plans provide for steam heat, elevator service and a vacuum cleaning system. Bath rooms will have tile wainscot and composition floors. Tile and marble will be used in the stores and hotel lobby. Exterior of the building will be faced with pressed brick. All work will be carried on under the superintendence of F. A. Muller, Syndicate Bldg., Oakland, and he has already let contracts for the excavating and grading to J. M. Yunker and F. M. Maestratti, and a contract for the steel to the Central Iron Works. Figures are now being taken on the balance of the work.

PANAMA-PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Exposition building, 1 and 2 story, frame and plaster. Cost not stated. Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owners, Territory of Hawaii. Working drawings for the exhibit building which is to be erected by the Territory of Hawaii at the Panama-Pacific International Exposition have been completed and received the approval of the Hawaiian Commissioners. Bids will be advertised for as soon as official word can be secured from Honolulu. Further mention will be made of the building at that time.

SAN FRANCISCO—Court of Abundance, 2 story, frame and plaster. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition. Working drawings for the building which is to be known as the Court of Abundance have been completed and are now out for figures. Bids will be opened by the Buildings and Grounds Committee on March 3rd. Plans and specifications can be secured from the Director of Works, Service Bldg., S. F.

An official proposal appears under another heading in this issue.

POST OFFICES.

BERKELEY, ALAMEDA CO., CAL.—Post office, 2 story and base. Class A construction. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids opened in Washington on February 18th for the construction of this building show Frank Gallagher of San Francisco low on propositions 1 and 2 as follows, \$122,500 and \$122,400. Van Sant-Houghton Co., also of San Francisco, were low on propositions 3 and 4 as follows, \$128,000 and \$128,000. No contract has been awarded. A complete list of the bidders as received by special wire from the Supervising Architect's office will be found under the heading of Oakland and Alameda County in this issue.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO—Railroad construction. Cost not stated. Engineer, City Department of Engineering, Temporary City Hall, S. F. Owners, City and County of San Francisco. The Board of Supervisors has instructed the Board of Works to complete plans and advertise for bids for constructing the following municipal street railroads: Commencing at Van Ness and Market street, thence on Van Ness to Chestnut, thence on Chestnut to Scott, thence on Scott to Greenwich, thence on Greenwich to Steiner, and thence on Steiner to Union street. An official proposal will be published as soon as working drawings are completed.

SAN FRANCISCO—Car barn addition, 2 story and base, reinforced concrete, \$159,663. Architects, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened at the last Wednesday meeting of the Board of Public Works for the construction of an addition to the Municipal Car Barn show James L. McLaughlin, 244 Kearny street low at \$159,663. A contract will probably be awarded to Mr. McLaughlin. A complete list of the figures submitted appears under the heading of San Francisco in this issue.

Contracts Awarded.

BAKERSFIELD TO MOJAVE, CAL.—Railroad construction, \$7,000,000. Engineer, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Contractors, Majave and Bakersfield Railway Construction Co. Contract price, \$100,000 per mile including tunnels and bridges. Total miles 69.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$1,500. Architect, Joseph A. Leonard, 85 Cerros street, S. F. Owners, Urban Realty Co. The dwelling will be erected on Soto street near Urbano Drive, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and hardwood veneer. Oak floors will be used in the

living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, Ralph J. Button, 1212 4th avenue, S. F. The dwelling has been designed to contain six rooms and bath, and will be erected on the east side of 26th avenue 125 feet north of Irving. Interior finish will be of pine and redwood. Oak floors will be used in the principal rooms. There will be an open fire place and tile or brick mantel. Bath room and kitchen will have some tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO — Residence, 2 story, attic and base, frame, \$20,000. Architect, Charles J. Colley, Pacific Bldg., S. F. Owner, Mrs. S. Lovegrove. The dwelling will be erected at the northwest corner of Washington and Presidio avenue, and has been designed for a modern city home containing twelve rooms, baths and sleeping porch. Interior finish will be largely of hardwoods and pine. Hardwood floors will be used in the principal rooms. Plans provide for a central heating system, probably furnace heat, open fire places and vacuum cleaning. Bath rooms will be finished in tile. Mantels will be of tile and brick. An automatic water heater will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and a general contract will shortly be awarded.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owners, MacArthur Bros., 1560 Fell street, S. F. The dwelling will be erected on the east side of 5th avenue near Cabrillo, and will contain six rooms and bath. All interior finish will be of pine. Oak floors will be used in the principal rooms. Plans provide for open fire place and tile mantel. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$10,000. Architects, W. Garden Mitchell and Charles Edward Hodges, Bankers' Investment Bldg., S. F. Owner, Dr. David Hadden. The dwelling will be erected in Rock Ridge Park and has been designed for an eight-room house with baths and sleeping porch. Interior finish will be of pine and redwood with some hardwood panels. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have tile floors and wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath.

Plans are complete and figures are now being taken on the work.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$7,500. Architect, William Knowles, Central Bank Bldg., Oakland. Owner, A. Vernon. The dwelling has been designed for a seven-room house and will be erected in Adams Point. Interior finish will be largely of pine and redwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room and kitchen will have tile wainscot. Composition floor will be used in the bath. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased through the office of the architect.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, William A. Newman, David Hewes Bldg., S. F. Owner, Mr. Davis. The dwelling will be erected in Berkeley and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and redwood with some oak floors. There will be furnace heat and open fire place. Mantel will be of tile or brick. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, H. H. Jewett. The dwelling will be erected on Euclid avenue, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be open fire places and tile mantels. Plans also provide for furnace heat. An automatic water heater will be installed. Bath rooms will be finished in tile and will have composition floors. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$2,500. Architect, Leonard L. Ford, 2156 Center street, Berkeley. Owner, D. J. Horgan. The dwelling will be erected at the corner of Arch and Eunice streets, and will contain seven rooms and bath. All interior trim will be of pine or redwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire place. Mantel will be of tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architect, Claude B. Barton, Security Bank Bldg., Oakland. Owner, H. P. Houston. The dwelling will contain seven rooms, bath and sleeping porch. Interior will be finished in

pine, redwood and hardwood veneer. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have composition floor and tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$6,000. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Mr. Brownlee. The dwelling will be erected at the corner of Arch and Virginia streets, and has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be of pine, redwood and hardwood veneer. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater is specified. Bath room will have composition floor and tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are now nearly complete and figures will shortly be taken.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$2,000. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, Al Wilkinson. The dwelling will contain five rooms and bath and will be erected in the Country Club Heights. Interior will be finished in pine and redwood throughout. Oak floors will be used in two rooms. There will be a large open fire place in the living room with a tile or brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,600. Architect, none. Owners, Fedt Bros., 528 25th street, Oakland. The dwelling has been designed for a seven-room house, and will be erected on Santa Rey avenue near Rosal. Interior finish will be of pine, redwood and hardwood veneer. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick or tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

HEALDSBURG, SONOMA CO., CAL.—Residence, 2 story and base, frame, \$6,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner's name withheld. The dwelling will contain seven rooms and bath. Interior trim will be largely of pine. Some oak floors will be used. Plans provide for open fire places and furnace heat. Tile will be used in the bath room and kitchen. Mantels will be of tile or brick. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SACRAMENTO, CAL. — Bungalows

and residences, frame construction. Cost not stated. Architect none. The following Day Labor jobs are reported as about to be started in Sacramento: Claude Speckard, 3703 Palm avenue, 1 story, four-room cottage, \$1,400; A. W. Casselman and Son, 2151 Olive avenue, 1 story, five-room cottage, \$1,100; P. F. Reed, 2613 28th street, 1 story, five-room cottage, \$2,750; A. L. Johnson, 2915 1/2 31st street, 2 story, six-room house, \$2,800; J. Boheneck, 425 O street, 1 story, five-room, frame cottage, \$1,500; O. H. Moore, 2903 35th street, 1 story, five-room cottage, \$1,600; and D. Lamorne, 4219 Stanford street, 1 story, five-room frame cottage, \$1,400.

STOCKTON, SAN JOAQUIN CO., CAL.—Cottage, 1 story and base, frame, \$2,500. Architect, Walter King, Elks' Bldg., Stockton. Owner, E. N. Piers. The dwelling will contain six rooms and bath. Interior finish will be of pine and redwood with oak floors in the living room and dining room. There will be a large open fire place and tile or brick mantel. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are complete and figures are now being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, Karl Yngve, 133 Alpine street, S. F. The dwelling will be erected on Upper Terrace street and will contain six rooms and bath. Interior finish will be of pine and redwood. Oak floors will be used in the living and dining rooms. There will be a large open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the building will be covered with rustic and shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, Thomas Hamill, 269 25th avenue, S. F. The dwelling, which has been designed for a seven-room house, will be erected on the west side of 19th avenue north of Anza street. Interior will be finished in pine and redwood with some elm panels in the dining room. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner and work will be done by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 3 story and base, frame, \$6,000. Architect, Edward G. Bolles, 660 Market street, S. F. Owners, S. A. Born Building Co., 660 Market street, S. F. The dwelling will be erected on lot J in the Sea Cliff Tract, and will contain eight rooms and two baths. Interior will be handsomely finished in pine and redwood with some hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and composition floors.

An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. A clay tile roof will be used. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame. Cost not stated. Architect, George A. Schastey, Monadnock Bldg., S. F. Owner, Abbott Hanks. The dwelling will be erected on the Presidio wall and has been designed to contain eight rooms, two baths and sleeping porch. Interior will be finished in pine, blue gum and hardwoods. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. There will be an automatic water heater and other modern conveniences. Bath rooms will be finished in tile and will have composition floors. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 1 1/2 story and base, frame, \$3,500. Architect, none. Owners, East Bay Home Builders, Inc., 1754 Broadway. Oakland. The dwelling has been designed for an eight-room residence and will be erected on the west side of Winsor street north of Lake Shore. Interior finish will be of pine, redwood and hardwood veneer. Oak floors are specified for the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials will be purchased by the owners.

OAKLAND, CAL.—Residence, 1 story and base, frame, \$3,000. Architect, Hiram K. Lovell, South Berkeley Bank Bldg., Berkeley. Owner, Frank F. Lewis. The dwelling has been designed for a seven-room dwelling with bath and sleeping porch and will be erected on Grand avenue. Interior finish will be of pine and redwood with some hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and two open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$6,500. Architect, Harris Allen, 2514 Hillegass avenue, Berkeley. Owner, J. W. McKibben. The dwelling will be erected on Piedmont avenue near Dwight Way and has been designed for an eight-room house with baths and sleeping porch. Interior will be finished in pine, white enamel and hardwoods. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath rooms will be finished in tile and will have composition floors. Exterior of the dwelling will be covered with

cement plaster on metal lath. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Sorority house, 3 story and base, frame, \$25,000. Architect, William C. Hayes, Foxcroft Bldg., S. F. Owners, Alpha Tau Omega. This work was mentioned here several months ago when working drawings were first started. The building will cover an area of 50 by 70 feet, and will be designed for a large living room, library, study rooms and bed chambers. Interior will be finished in pine and hardwoods with oak floors in the principal rooms. Plans provide for furnace heat and large open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with rustic and shiplap. Plans are complete and figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,500. Architect, Harris Allen, 2514 Hillegass avenue, Berkeley. Owner, C. E. Miller. The dwelling will be erected on Claremont Boulevard and has been designed to contain seven rooms, two baths and a sleeping porch. Interior of the house will be finished in pine and hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and two open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

OAKLAND, CAL.—Residence, 1 story and base, frame, \$3,500. Architect, Hiram K. Lovell, South Berkeley Bank Bldg., Berkeley. Owner, Louis Bernstein. The dwelling will be erected on Grand avenue and has been designed for a seven-room dwelling with bath and sleeping porch. Interior finish will be of pine and redwood with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. The sum of \$40 has been allowed for mantels. A Ruud water heater will be installed. Bath room will be finished in tile and will have composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN JOSE, SANTA CLARA CO., CAL.—Residences, 1 and 2 story, frame. Cost not stated. Architects, none. The following Day Labor jobs are reported as about to be started in San Jose: S. B. Druck, East Jerome near Second, five-room cottage, \$1,000; Pasquel Caputo, 412 Royal avenue, four-room cottage, \$850, and L. Hart and Son, southeast corner Market and Santa Clara alterations, \$2,000.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, F. Nelson, 30 President street, S. F. The dwelling will be erected on the east side of 16th avenue north of California, and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood with some oak floors. There will be an open fire place and tile or brick mantel. Bath room will have tile wainscot and composition floor. An auto-

matic water heater will be installed. Exterior will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

Contracts Awarded.

LOS ANGELES, CAL.—Residence, 2 story and base, brick veneer, \$42,966. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, Nellie K. Powers. Contractors, Milwaukee Building Co., Wright and Callender Bldg., L. A. Contract price, \$42,966.

SEWERS, STREET WORK AND WATER SYSTEMS.

SAN FRANCISCO—Pumping plant equipment. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans are being completed for a new well and for furnishing and installing new pumps in the Municipal Pumping Station at Leland avenue. Bids will be advertised for within a week or ten days by the Board of Public Works.

MENDOCINO COUNTY, CAL.—Highway construction. Cost not stated. Engineer, County Engineer, Ukiah. Owners, Mendocino County. Bids will be opened on March 3rd for the construction of Section No. 2 of the proposed Two Rivers and Covelo Road in Mendocino County. The approximate length of the road is 5.21 miles. Plans and complete data can be secured from the County Surveyor.

FRESNO, FRESNO CO., CAL.—Storm water sewer system, \$125,000. Engineer, City Engineer B. E. Cronkite, Fresno. Owners, City of Fresno. City Engineer, B. E. Cronkite has submitted complete drawings for a modern storm water sewer system, covering the entire city. The Engineer's estimate is placed at from \$115,000 to \$125,000. Plans will receive the approval of the City Council at the next meeting.

Contracts Awarded.

REEDLEY, FRESNO CO., CAL.—Sewer and water system. Cost not stated. Engineer's name not given. Owners, City of Reedley. Contractors, Chambers & Heafey, Oakland, sewer work, \$27,768.45; E. W. Redman, Fresno, item No. 2 of water system, \$11,966; Des Moines Bridge and Iron Works, item No. 1 of water system, \$4,350. Item No. 3 has not been decided.

SCHOOLS.

SANGER, FRESNO CO., CAL.—School, 2 story and base, brick and steel, \$13,500. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owners, Sanger Union High School District. The building has been designed to contain eight class rooms, assembly hall and domestic science and manual training rooms. Interior finish will be of pine with maple floors in the class rooms and assembly hall. Plans provide for a central heating system with oil burning plant. There will be vacuum cleaning and program clocks. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken. Bids will be opened on March 13th. A certified check of \$3,000 is required and plans and specifications can be obtained from the architects on

a deposit of \$10. An official proposal appears in another column of this issue.

BAKERSFIELD, KERN CO., CAL.—Paranormal school, 2 story and base, frame. Cost not stated. Architect, Thomas B. Wiseman, Producers' National Bank Bldg., Bakersfield. Owners, Kern County. The building will cover an area of 63 by 85 feet, and will contain office, assembly hall, dining room, library and class rooms on the first floor. Upper floor will be arranged for dormitories and twelve private bed rooms. Basement will contain training shops, heating system and storage space. Interior finish will be of pine and redwood. There will be a central heating system. Exterior of the building will be covered with rustic and shiplap. Plans are being prepared.

CORCORAN, KINGS CO., CAL.—School, 2 story and base, brick, \$40,000. Architect, J. Carl Thayer, Fresno. Owners, Corcoran Union High School. The building will cover a considerable ground area and when complete will be one of the most modern and up-to-date high schools in the state. Provision has been made for a number of standard sized class rooms, assembly hall, principal's office, teachers' rooms and departments for manual training and domestic science. Interior finish will be of pine with maple floors in the class rooms. There will be steam heat with an oil burning plant. Plans also provide for vacuum cleaning and program clocks. A clay tile roof will be used. Exterior of the building will be faced with cement plaster. Plans are being prepared.

EUGENE, ORE.—School, 3 story and base, brick, \$110,000. Architects, Hunzicker & Preusse, Eugene. Owners, City of Eugene. The building will cover an area of 250 by 125 feet, and is so designed that additions made be made without destroying the architecture. There will be fifteen class rooms, library, music room, a large auditorium seating 500 people and completely equipped stage and raised seats. Domestic science department is provided for on the roof. Interior finish will be of pine with maple floors. There will be steam heat, program clocks and vacuum cleaning. Exterior of the building will be faced with pressed brick. The architects have just been commissioned to prepare plans. Working drawings will be completed within three weeks or a month. Further mention will be made of the work.

EUREKA, HUMBOLDT CO., CAL.—High school, 2 story and base, reinforced concrete, \$150,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Eureka High School District. Bids opened for this work show Robert Trost low at \$113,510; T. C. Caldwell next at \$114,500, and the Clinton Fireproofing Co. next low at \$114,750. Robert Trost will probably be awarded the contract.

STORES.

SAN FRANCISCO—Undertaking parlors, 2 story and base, frame, \$12,000. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Mr. White. The building will be erected at the northwest corner of Sutter and Pierce streets, covering an area of 75 by 137½

feet. The entire first floor will be given over to the chapel, office and display rooms. Upper floor will contain a modern flat of six rooms and bath. Interior finish will be of pine and hardwood. Art glass will be used in the chapel. There will be oak floors and ornamental plaster. A central heating system will be installed. Exterior of the building will be faced with cement plaster on metal lath. Working drawings are complete and figures are being taken.

THEATRES.

MODESTO, STANISLAUS CO., CAL.—Theatre and stores, 3 story and base, brick and steel, \$80,000. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Mr. Mensinger. The building will be erected at the corner of 10th and Main streets, and will cover an area of 64 by 155 feet. Interior will be arranged for a main auditorium and one balcony the two seating in the neighborhood of 1,500 people. Interior will be handsomely finished in pine, ornamental plaster and special decoration. Construction will be of the semi-fireproof type. Stores will have patent fronts and plate glass windows. Exterior of the building will be faced with pressed brick. A modern system of heating and ventilation will be installed. Plans are being prepared.

Contracts Awarded.

SPOKANE, WASH.—Theatre and stores, 4 story and base. Class A construction, \$100,000. Architect, E. W. Houghton, Collins Bldg., Seattle. Owner, August Paulsen. Contractor, Fred Phair, Paulsen Bldg., Spokane. Contract price, \$100,000.

SEALED PROPOSALS.

PROPOSALS FOR METAL FLUMES.

METAL FLUMES—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Great Falls, Mont., until 2 o'clock p. m. March 9, 1914, for furnishing and erecting metal flumes. The work involves the furnishing of about 7,357 linear feet of flumes of various diameters, ranging from 2 feet 6½ inches to 14 feet, and the erection of about 3,050 linear feet of flume 8 feet 2½ inches diameter. For particulars address the United States Reclamation Service, Washington, D. C., or Great Falls, Mont. F. H. NEWELL, director.

PROPOSALS FOR MACHINERY.

MACHINERY—Department of the Interior, U. S. Reclamation Service, Meadow Creek, Wash.—Sealed proposals will be received at the office of the project engineer, United States Reclamation Service, Meadow Creek, Wash., until 2 o'clock p. m. March 7, 1914, for furnishing machinery for a 1½ inch diameter pipe for the Storage Unit Yakima Project, U. S. For particulars address the United States Reclamation Service, Meadow Creek, Wash. CHARLES H. SWIGART, supervising engineer.

PROPOSALS FOR PIPE FITTINGS.

PIPE AND FITTINGS—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, 777 Federal Building, Chicago, Ill., until 3 o'clock p. m. March 5, 1914, for furnishing and delivering 1 c. b. cars manufacturers' plant about 1,055 linear feet of 20 inch and 1.103 linear feet of 22 inch riveted pipe with fittings. For

particulars address the United States Harbortown, San Francisco, D. C., or 777 Federal Building, Chicago, Ill. F. H. NEWELL, director.

PROPOSALS FOR SALE OF VESSELS.

SALE OF U. S. NAVAL VESSELS.—Sealed proposals will be received at the bureau of supplies and accounts, Navy Department, Washington, D. C., until 2 o'clock, noon, May 1, 1914, when they will be publicly opened for the purchase of the following vessels: U. S. Manila, at navy yard, Mare Island, Cal., appraised value \$10,000; U. S. Restless, at naval torpedo station, Newport, R. I., appraised value \$2,000. U. S. Manila will be sold for cash to the highest bidder and the Restless to the bidder offering the highest price above the appraised value. Forms of proposal and bond and information concerning the vessel and the terms and conditions of sale may be obtained upon application to the bureau of supplies and accounts, HAROLD DANIELS, Secretary of the Navy.

PROPOSALS FOR WORK ON CITY HALL.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 4 o'clock p. m., on Wednesday, the 4th day of March, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

For the Electric Wiring System, Vacuum Cleaning System and Pneumatic Tube System for the City Hall. Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of the proposal and completed within time limits as provided for in specifications. The amount of bond for faithful performance of contract has been fixed at \$25,000.00.

All proposals offered must be accompanied by a check, certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposals. Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such form.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works, F. J. CHURCHILL, Secretary.

PROPOSALS FOR WATER SUPPLY SYSTEM.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 4th day of March, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

For the Water Supply System for the City Hall.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of the proposal and completed within two hundred and ten (210) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$3,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal. Printed proposal forms will be furnished

gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works, F. J. CHURCHILL, Secretary.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 828.—Proposals for Ornamental Bronze Work, Cast-Iron Metal Shells, Work, Cast-Iron Steel Locomotive Springs, Car-Journal Bearings, Venturi Meters, Mahogany Frames, Sash, Doors and Screens, and Crostons, Switch Ties. Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., February 25, 1914, at which time they will be opened in public for furnishing the above mentioned articles. Blanks and general information relative to this circular (No. 828) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; E. C. ROGGS, major, corps engineers, U. S. A., general purchasing officer.

PROPOSALS FOR STRUCTURAL STEEL.

STEEL WORK FOR COAL PLANT.—Sealed proposals, endorsed "Proposals for Erecting Steelwork" will be received at the bureau of the Navy Docks, Navy Department, Washington, D. C., until 11 o'clock a. m., March 28, 1914, and then and there publicly opened for erecting structural steelwork for coaling plant, Pearl Harbor, Hawaii. Estimated cost, \$60,000. Plans and specifications can be obtained on application to the bureau or the commandant of the naval station named, H. R. STANFORD, chief of bureau.

PROPOSALS FOR STEEL TOWERS.

STEEL TOWERS.—Sealed proposals, endorsed "Proposals for four 300-Foot Towers" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., March 28, 1914, and then and there publicly opened for the construction of four steel towers on the Canal Zone. Separate proposals will be received for steelwork and for foundation. Plans and specifications can be obtained on application to the bureau, H. R. STANFORD, chief of bureau.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals, plainly marked on the outside of the sealed envelope, for building a building for the Western Navajo Indian School, Ariz., and addressed to the "Commissioner of Indian Affairs, Washington, D. C.," will be received at the Indian office until 2 o'clock p. m., of March 23, 1914, for furnishing materials and labor for the construction of said building.

Plans and specifications on file in the Western Navajo Indian School, Ariz., in strict accordance with the plans and specifications, and instructions for bidding, which may be examined at the office of the paper or periodical in which this advertisement appears, the U. S. Indian warehouse at Chicago, Ill.; St. Louis, Mo.; Omaha, Neb., and San Francisco, Cal., and at the Western Navajo Indian School. For further information apply to the superintendent of the Western Navajo Indian School, Tuba, Ariz. CATO SELLS, commissioner.

PROPOSALS FOR BUILDING.

BUILDING.—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals, plainly marked on the outside of the sealed envelope "Proposals for Brick Cottage Dormitories at Pueblo Bonito Indian School, N. Mex.," and addressed to the "Commissioner of Indian Affairs, Washington, D. C.," will be received at the Indian office until 2 o'clock p. m.

of March 19, 1914, for furnishing materials and labor for the construction of three brick cottage dormitories at the Pueblo Bonito Indian School, N. Mex., in strict accordance with plans, specifications and instructions to bidders, which may be examined at the office of the paper or periodical in which this advertisement appears, the U. S. Indian warehouses at Chicago, Ill.; St. Louis, Mo.; Omaha, Neb.; and San Francisco, Cal., and at the Pueblo Bonito Indian School. For further information apply to the superintendent of the Pueblo Indian School, Crownpoint, N. Mex. CATO SELLS, commissioner.

NOTICE FOR BIDS.

THE BOARD OF TRUSTEES of the Sanger Union High School District will receive sealed proposals at the High School Building, Sanger, California, up to but not later than 2 o'clock P. M. on Friday, the 13th day of March, 1914, for the construction of a brick high school building for the said school district to be erected upon a tract of land in the town of Sanger. The building to be constructed is to be constructed according to the plans and specifications prepared by Swartz, Hotchkin & Swartz, architects, which have been adopted by the Board of Trustees.

Plans and specifications may be had from the architects, room 619 Rowell Building, Fresno, Cal. Deposits of ten Dollars will be required from contractors receiving plans and specifications from the architects.

All bids for general construction of the building must be accompanied by a certified check on some solvent bank in the amount of Three Thousand Dollars (\$3,000.00) in favor of J. J. Edgar, clerk, as a guarantee that the person whose bid is accepted, will within ten days after the acceptance of the bid and awarding of the contract, execute a contract for the construction of the building and give approved bonds for the faithful and complete performance of the contract as required by law.

Separate bids will be received for the construction of the heating and ventilating system which bids must be accompanied by a certified check in the amount of Five Hundred Dollars (\$500.00) on conditions above stated.

The Board reserves the right to reject any and all bids without recourse.

Clerk of the Board of Trustees of the Sanger Union High School District.

NOTICE TO CROSBOTING PLANS.

OFFICE OF THE BOARD OF STATE HARBOR COMMISSIONERS, Union Depot and Ferry House, San Francisco, Cal., February 17, 1914.

SEALED PROPOSALS or bids will be received at this office at or prior to 11 o'clock A. M. on Thursday, March 5, 1914, for furnishing and delivering at ship's tackle, San Francisco, croseots in accordance with the specifications on file in the office of the Assistant State Engineer, and adopted by the Board, February 5, 1914, and on file in this office, to which special reference is hereby made.

The piles must be fresh cut, first quality Douglas yellow fir piles, the croseots must be made of good quality making bituminous coal gas, and the piles to be impregnated with not less than twelve (12) pounds of croseote per cubic foot. The croseote must be of the heavier black oils must not be less than 7/8 inches at any place into the outer surface of the piles.

No bid will be received unless it is made on a blank form furnished from this office and is accompanied by a certified check for an amount equal to five (5) per cent of the amount of the bid, based on a delivery of 110,000 feet of piling; such check to be made payable to the order of the Board of the Board, conditioned that if the proposal is accepted and the contract awarded, and if the bidder shall fail to execute the contract, the amount of the bond required within six days after the award is made, in that case said sum mentioned in said check shall be deemed to be a forfeiture of the bid, for such failure and neglect and shall be paid into the San Francisco Harbor Improvement Fund.

The successful bidder to file a bond in such sum as the Board may deem adequate with two or more sureties to be approved by the Board of State Harbor Commissioners and conditioned for the faithful performance by the contractor of all the terms and conditions of said contract according to the true intent and meaning thereof and to the satisfaction of said Board and to the Board of Supervisors and said bond shall also be effective as provided in an act approved May 1, 1911, for the protection of material men, mechanics and laborers.

Bids will not be considered by this Board unless delivered to the Secretary or to the assistant secretary at or prior to 11 o'clock A. M. on Thursday, March 5, 1914, at which time and place bids will be opened.

The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Bidders are invited to be present at the opening of the bids.

Bidders are requested to mark envelope containing bid "Bid for furnishing Creosoted Timber."

J. J. DWYER,

THOMAS S. WILLIAMS,

H. MCCALLUM,

Board of State Harbor Commissioners.

HERMIE NEWMAN,

Assistant State Engineer.

LEO. V. MERLE, JR.,

Secretary. (*)

NOTICE TO BRIDGE BUILDERS.

NOTICE is hereby given that sealed bids will be received by the Board of Supervisors of the County of San Mateo, State of California, up to the hour of 10 o'clock A. M. on Monday, March 2, 1914, for constructing a bridge over the Canyada road near Woodside, Third Road District, per plans and specifications prepared by the County Surveyor and adopted by the Board of Supervisors on Monday, February 3, 1914, which said plans and specifications are now on file in the office of the Clerk of said Board, where same may be inspected.

All bids must be addressed to the Clerk of said Board of Supervisors at Redwood City, and each bid must be accompanied by a certified check on some reliable bank in a sum equal to at least 10 per cent of bid, made payable to the undersigned, Clerk of said Board of Supervisors, same to be forfeited to the County of San Mateo as liquidated damages in case the party to whom the contract shall be awarded shall fail, neglect or refuse to execute and file, within ten days after the award of said contract, a bond to be approved by the Chairman of the Board of Supervisors of said County in an amount not exceeding the contract price, or to enter into a written contract with said plans and specifications, and the bid thereon.

All bids from contractors must specify the time for the completion of said work, also the cost of concrete in place, per cubic yard, to be used in estimating the value of extra work, if required.

The right is reserved to reject any and all bids.

JOS. H. NASH,

County Clerk.

NOTICE TO BRIDGE BUILDERS.

NOTICE is hereby given that sealed bids will be received by the Board of Supervisors of the County of San Mateo, State of California, up to the hour of 10 o'clock A. M. on Monday, March 2, 1914, for constructing a reinforced concrete bridge over the La Redwood City road at Woodside, in the Third Road District, per plans and specifications prepared by the County Surveyor and adopted by the Board of Supervisors on Monday, February 3, 1914, which said plans and specifications are now on file in the office of the Clerk of said Board, where same may be inspected.

All bids must be addressed to the Clerk of said Board of Supervisors at Redwood City, and each bid must be accompanied by a certified check on some reliable bank in a sum equal to at least 10 per cent of bid, made payable to the undersigned, Clerk of said Board of Supervisors, same to be forfeited to the County of San Mateo as

liquidated damages in case the party to whom the contract shall be awarded shall fail, neglect or refuse to execute and file, within ten days after the award of said contract, a bond to be approved by the Chairman of the Board of Supervisors of said County in an amount not exceeding the contract price, or to enter into a written contract with said plans and specifications, and the bid thereon.

All bids from contractors must specify the time for the completion of said work, also the cost of concrete in place, per cubic yard, to be used in estimating the value of extra work, if required.

The right is reserved to reject any and all bids.

JOS. H. NASH,

County Clerk.

PROPOSALS FOR MAGAZINE BUILDING.

BUILDING - Sealed proposals for the construction of a Magazine Building, will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C. until 11 o'clock A. M. March 7, 1914, and then they will be publicly opened, for one brick and concrete magazine with structural steel roof framing at the navy yard, Mare Island, Cal. Estimated cost, \$12,000. Plans and specifications can be obtained on application to the bureau or to the commanding officer of the navy yard named. H. R. STANFORD, chief of bureau.

NOTICE TO BRIDGE BUILDERS.

NOTICE is hereby given that sealed bids will be received by the Board of Supervisors of the County of San Mateo, State of California, up to the hour of 10 o'clock A. M. on Monday, March 2, 1914, for constructing a reinforced concrete bridge on the La Honda-San Gregorio road across creek separating the Third and Fourth districts, per plans and specifications prepared by the County Surveyor and adopted by the Board of Supervisors on Monday, February 3, 1914, which said plans and specifications are now on file in the office of the Clerk of said Board, where same may be inspected.

All bids must be addressed to the Clerk of said Board of Supervisors at Redwood City, and each bid must be accompanied by a certified check on some reliable bank in a sum equal to at least 10 per cent of bid, made payable to the undersigned, Clerk of said Board of Supervisors, same to be forfeited to the County of San Mateo as liquidated damages in case the party to whom the contract shall be awarded shall fail, neglect or refuse to execute and file, within ten days after the award of said contract, a bond to be approved by the Chairman of the Board of Supervisors of said County in an amount not exceeding the contract price, or to enter into a written contract with said plans and specifications, and the bid thereon.

All bids from contractors must specify the time for the completion of said work, also the cost of concrete in place, per cubic yard, to be used in estimating the value of extra work, if required.

The right is reserved to reject any and all bids.

JOS. H. NASH,

County Clerk.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 218, in the Merchants Building, Fillmore and Chestnut Streets, San Francisco, California, at 3:00 P. M. Tuesday, March 3, 1914, for Constructing the specifications on file in the office of the Director of Works.

Separate proposals will be allowed on Electric Wiring, Gas and Water, Steam, Gas and Drain Piping.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount of the bid, or the same will be considered void. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposals, and the check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, 1100 Fillmore and Chestnut Streets, San Francisco, and the sum of \$50.00, which amount will be refunded to contractors submitting bona fide bids. All persons submitting plans and failing to submit bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO ARCHITECTS.

For the benefit of architects inquiring concerning plans for a new brick school building to be erected in Chico School District, the Board of Education of the City of Chico in and for Chico School District hereby invite architects to submit designs for a school building that shall furnish the last mentioned minimum accommodations as a minimum requirement. The Board of Education shall judge and select the best plan. It is especially understood that no premium or award shall be offered for any design submitted. The accepted plan shall become the basis and plan from which the building shall be erected.

Plans for the proposed new Oakdale grammar school building shall be made to the scale of 1/4 inch to one foot, and shall consist of the following drawings:

Foundation plan.
Basement story plan.
Main floor plan.
Second story plan.
Roof plan, and a longitudinal and a transverse section, four elevations, front, rear and both sides. The proposed building to be combined elementary and grammar school for approximately 400 pupils, half boys and half girls. The building shall be two stories and basement in height—not fewer than twelve class rooms size 24x32x2 about 14 feet high. In the basement, each class room with built-in bookcases, not less than 12 cu. ft. inside. One office. One library well provided with shelving. One auditorium with seating capacity not less than 600. Two basement rooms for manual training. Two basement rooms for domestic arts. Two basements for plumbing, for water and gas. Entrances, for electricity. Basement to contain heating plant for auditorium, and a room for bicycle and toilet system other than for teachers use installed. Small lavatory and drinking fountain must be on each floor.

Plans shall be completely and accurately figured with all necessary dimensions and spacings, and thickness of wall in each story shall be clearly indicated. Specifications shall be complete, and shall accurately describe all materials and labor required in the construction and finishing of the building. Each architect who submits plans shall furnish the secretary of the Board of Education TWO complete sets of plans and specifications as above enumerated, on or before the 1st of March, 1914, and one of the sets furnished by the successful architect shall be kept on record from the date of and following the selection by the Board of Education of such plans and specifications for use in the construction.

struction of a public building. The successful architect will be required to finally furnish four full sets of plans and specifications, and four full sets of blue-print detail drawings. Full-size detail drawings for all mill work, stair work, and other parts of the proposed structure shall be furnished and delivered to the board by the successful architect within three weeks from the date of the official adoption of the plans for the building.

In case the successful architect becomes the superintendent of construction of the building, the Board will allow as an entire compensation 6 per cent of the contractor's price of the building exclusive of furnishing and fixtures. In case the architect does not become the superintendent of the building construction, then compensation of 6 per cent shall be divided between the architect and building superintendent in accordance with the prescribed rules for architect's fees. The entire compensation of the successful architect is to be dependent upon the cost of the building without change in plans or specifications, from original filed copies, the total cost, as shown by regular bids from reliable contractors, not to exceed the sum of \$30,000. In case the board fails to get a bid from a reliable contractor to erect the proposed building for \$30,000 or less, then the architect furnishing the plans, etc., shall forfeit all claim to any compensation whatever for his plans and specifications, etc.

CHAS. H. CAMPER,
Secretary Board of Education,
City Hall, Chico, Cal. (*)

PROPOSALS FOR CONSTRUCTING

REINFORCED CONCRETE BRIDGE.

NOTICE is hereby given that sealed bids will be received by the Board of Supervisors of the County of San Mateo, State of California, to the effect of 10 o'clock a. m. on Monday, March 2, 1914, for constructing a reinforced concrete bridge on the La Honda-San Gregorio road across creek separating the Third and Fifth road districts, per plans and specifications prepared by the County Surveyor and adopted by the Board of Supervisors on Monday, February 2, 1914, which said plans and specifications are now on file in the office of the Clerk of said Board, where same may be inspected.

All bids must be addressed to the Clerk of said Board of Supervisors at Redwood City, and each bid must be accompanied by a certified check on some reliable bank in a sum equal to at least 10 per cent of bid, made payable to the undersigned Clerk of said Board of Supervisors, same to be forfeited to the county of San Mateo as liquidated damages in case the party to whom the contract shall be awarded shall fail, neglect or refuse to execute and file, within ten days after the award of said contract, a bond to be approved by the chairman of the Board of Supervisors of said county in an amount not exceeding the contract price, or to enter into a written contract with said county in accordance with said plans and specifications, and the bid thereon.

All bids from contractors must specify the time for the completion of said work, also the cost of concrete in place, per cubic yard to be used in estimating the value of extra work, if required.

The right is reserved to reject any and all bids. JOS. H. NASH,
County Clerk.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 819—Proposals for Four Steel Tugboats for Handling and Docking of Vessels at the Entrance to the Panama Canal. Bids and proposals will be received at the office of the general purchasing officer, United States Army, Washington, D. C., on or before March 2, 1914, at which time they will be opened in public for furnishing the above mentioned tugboats. Bids and gen-

eral information relating to this circular (No. 819) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from

the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps engineers, U. S. A., general purchasing officer.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE — 2 story and base, frame, \$4,500. San Francisco. Architect, Joseph A. Leonard, 85 Cerritos street, S. F. Owners, Urban Realty Co. The dwelling will be erected on Soto street near Urbano Drive, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, Ralph J. Butten, 1212 4th avenue, S. F. The dwelling has been designed to contain six rooms and bath, and will be erected on the east side of 26th avenue, 125 feet north of Irving. Interior finish will be of pine and redwood. Oak floors will be used in the principal rooms. There will be open fire places and tile or brick mantel. Bath room and kitchen will have some tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE — 2 story, attic and base, frame, \$20,000. San Francisco. Architect, Charles J. Colley, Pacific Bldg., S. F. Owner, Mrs. S. Lovegrove. The dwelling will be erected at the northwest corner of Washington and Presidio avenue, and has been designed for a modern city home containing twelve rooms, baths and sleeping porch. Interior finish will be largely of hardwoods and pine. Hardwood floors will be used in the principal rooms. Plans provide for a central heating system, probably furnace heat, open fire places and vacuum cleaning. Bath rooms will be finished in tile. Mantels will be of tile and brick. An automatic water heater will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and a general contract will shortly be awarded.

RESIDENCE — 2 story and base, frame, \$2,500. San Francisco. Architect, none. Owners, MacArthur Bros., 1560 Fell street, S. F. The dwelling will be erected on the east side of 5th avenue near Cabrillo, and will contain six rooms and bath. All interior finish will be of pine. Oak floors will be used in the principal rooms. Plans provide for open fire place and

tile mantel. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—4 story and base, brick. Cost not stated. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, A. H. Herbert. The building will be erected at the corner of Clay and Jones streets, and will contain a number of three and four room suites with baths and wall beds. Interiors will be finished in pine and redwood with some elm panels. There will be steam heat and a hot water system. The owner has not fully decided on whether to make the structure a three-story frame or add one more story and make it a brick building. Bath rooms will be finished in tile and will have composition floors. Exterior of the building will be faced with either pressed brick or cement plaster on metal lath. Figures are being taken on the foundation work.

APARTMENT HOUSE—4 story and base, brick, \$20,000. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Herman Hogrefe. The building will be erected on the east side of Leavenworth street south of Sutter, covering an area of 25 by 84 feet. Plans provide for eight large apartments. Interior finish will be of pine and redwood with elm panels and oak floors. There will be steam heat and a hot water system. An automatic elevator may be installed. Bath rooms will have tile wainscot and composition floors. All suites will be equipped with wall beds. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—7 story and base, reinforced concrete, \$150,000. San Francisco. Architect, C. A. Meussdorfer, Humboldt Bank Bldg., S. F. Owner, A. W. Wilson. The building will be erected at the corner of Powell and California streets and will cover a large ground area. Construction will be of the reinforced concrete type, throughout and will be practically fireproof. There will be but two suites on each floor, the apartments varying from eight to nine rooms. Interiors will be handsomely finished in pine and selected hardwoods to suit the taste of the occupant. All suites will have wall beds, private bath rooms and open fire places. Mantels will be of tile and brick. Bath rooms will have tile floors and wainscot. There will be a steam heating system, hot water supply and vacuum cleaning. Marble and tile will be used extensively. Exterior of the building will be faced with white cement plaster in imitation of cut stone. Plans are now complete and figures are being taken. All parts of the work will be segregated.

APARTMENT HOUSE ALTERATIONS—Frame construction, \$2,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name not given. The three-story frame building located on Sacramento street west of Jones will undergo extensive alterations and will be made into a first-class apartment house structure. Included in the work will be new interior partitions, plumbing, plastering, painting, mill work and electric work. Exterior of the building will also be altered. Marble and tile will be used in the entrance. Plans are complete and figures have been taken. A general contract will be let within a few days.

CREOSOTED PILES—Cost not stated. San Francisco. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. Plans are complete for furnishing a large number of fresh-cut, first-quality Douglas Fir piles which have been treated, according to specifications, with creosote. Bids for this work will be opened on March 5th. Plans and specifications can be secured by applying to the State Board of Harbor Commissioners, Ferry Bldg. An official proposal appears in another column of this issue.

FLATS—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, H. R. Pickens, 1412 Guerrero street, S. F. The building will be erected on the south side of Welsh street, covering an area of 20 by 46 feet. Interior will be arranged for two modern flats of five rooms and bath. Interior finish will be of pine and redwood with oak floors in the living and dining rooms. There will be open fire places and tile mantels. The wainscot will be used in the bath room and kitchen. Entrance will be finished in terrazzo. Exterior of the building will be covered with rustic and shiplap. Plans are in the hands of the owner and the work will be done by Day Labor. Materials are now being purchased.

FLATS—3 story and base, frame, \$6,500. San Francisco. Architect, J. A. Porporato, 619 Washington street, S. F. Owner, M. M. Porporato. The building will be erected on the east side of Leavenworth street south of Union. The building will have a frontage of 25 feet and a depth of 50 feet. There will be three modern four and five room flats with baths. Interior finish will be of pine and redwood. Each living room will have an open fire place with the mantel. Bath rooms will have tile wainscot and composition floors. Thirty-gallon hollers are specified. Oak floors will be used in the living and dining rooms. Entrance will be finished in mosaic. Exterior of the building will be covered with rustic and shiplap. A pressed brick base will be used. Plans are complete and work will be done by Day Labor.

CITY HALL WORK—Cost not stated. San Francisco. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Plans have been completed and are now out for figures on the electric work, installation of vacuum cleaning system and system of pneumatic tubes. This work will be figured as a whole. Bids are also being called for on the

furnishing of a water supply to the City Hall. Bids for this work and that above mentioned will be opened on March 4th by the Board of Public Works. Official proposals appear in another column of this issue. Plans and specifications can be secured from the Board of Public Works.

HOTEL—7 story and base, brick and steel, \$75,000. San Francisco. Architects, Smith & Stewart, 241 Kearny street, S. F. Owner, A. O. Stewart. The building will be erected on the north side of O'Farrell street east of Taylor, having a frontage of 27 1/2 feet and a depth of 137 1/2 feet. There will be two stores besides the hotel entrance, office and lobby on the first floor. Upper six floors will contain a total of 66 rooms, all of which will have private baths. Interior finish will be of pine and hardwoods. There will be steam heat, elevator service, a vacuum cleaning plant, hot water supply and metal window sash and frames. Entrance and lobby will be finished in marble and ornamental plaster. Exterior of the building will be faced with dark red pressed brick trimmed in heavy white ornamental terra cotta. Plans are nearly complete and figures will be called for shortly.

HOTEL—4 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, L. Mastrospasqua, 550 Washington street, S. F. Owner, Nicola Capurro, 1351 Grant avenue. The building will be erected on the southeast corner of Broadway and Bartol Place, and will cover an area of 40 1/2 by 57 1/2 feet. There will be one store besides the hotel entrance and lobby on the first floor. Upper floors will be arranged for a number of guest rooms and public baths. All interior finish will be of pine and redwood. Bath rooms will have composition floors and tile wainscot. Plans provide for steam heat and a hot water supply. Exterior of the building will be faced with cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

EXPOSITION BUILDING—1 and 2 story, frame and plaster. Cost not stated. San Francisco. Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owners, Territory of Hawaii. Working drawings for the exhibit building which is to be erected by the Territory of Hawaii at the Panama-Pacific International Exposition have been completed and received the approval of the Hawaiian Commissioners. Bids will be advertised for as soon as official word can be secured from Honolulu. Further mention will be made of the building at that time.

COURT OF ABUNDANCE—2 story, frame and plaster. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition. Working drawings for the building which is to be known as the Court of Abundance have been completed and are now out for figures. Bids will be opened by the Buildings and Grounds Committee on March 3rd. Plans and specifications can be secured from the Director of Works, Service Bldg., S. F. An official proposal appears under another heading in this issue.

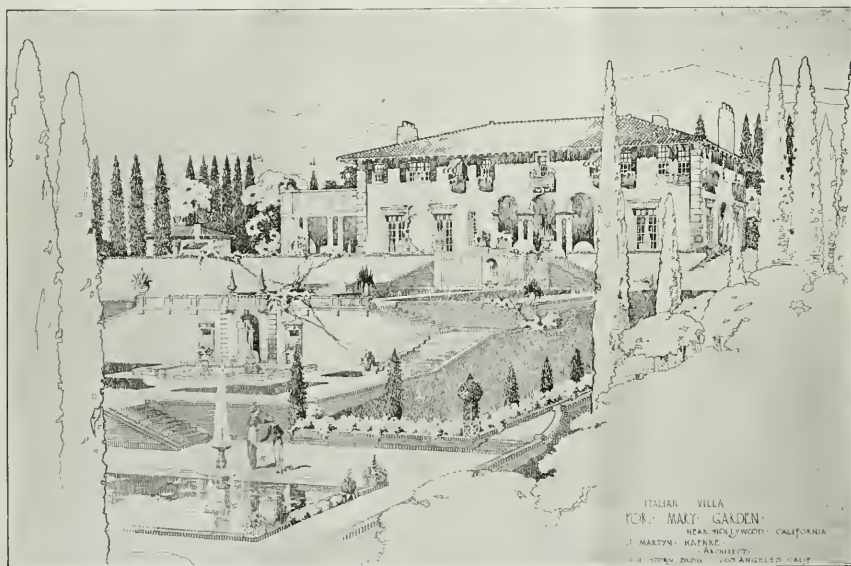
APARTMENT HOUSE—2 story and base, reinforced concrete, \$25,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, The Eisenbach Co. The building will be erected on Leavenworth street between Turk and Eddy streets. Plans are arranged for stores on the first floor and a number of two and three room suites on the two upper floors. There will be steam heat and a hot water supply. All suites will have private bath rooms and wall beds. Bath rooms will have tile wainscot and composition floors. Interior of the apartments will be finished in pine with some oak floors and elm panels. Exterior of the building will be faced with cement plaster. Plans are now nearly complete.

RAILROAD CONSTRUCTION—Cost not stated. San Francisco. Engineer, City Department of Engineering, Temporary City Hall, S. F. Owners, City and County of San Francisco. The Board of Supervisors has instructed the Board of Works to complete plans and advertise for bids for constructing the following municipal street railroads: Commencing at Van Ness and Market street, thence on Van Ness to Chestnut, thence on Chestnut to Scott, thence on Scott to Greenwich, thence on Greenwich to Steiner, and thence on Steiner to Union street. An official proposal will be published as soon as working drawings are completed.

CAR BARN ADDITION—2 story and base, reinforced concrete, \$159,663. San Francisco. Architects, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened at the last Wednesday meeting of the Board of Public Works for the construction of an addition to the Municipal Car Barn show James L. McLaughlin, 244 Kearny street, low at \$159,663. A contract will probably be awarded to Mr. McLaughlin. A complete list of the figures submitted appears under the heading of San Francisco in this issue.

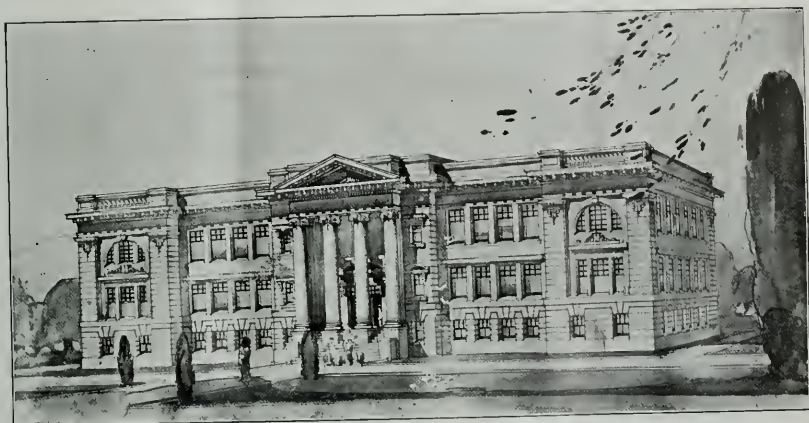
RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, Karl Yngve, 132 Alpine street, S. F. The dwelling will be erected on Upper Terrace street and will contain six rooms and bath. Interior finish will be of pine and redwood. Oak floors will be used in the living and dining rooms. There will be a large open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the building will be covered with rustic and shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, Thomas Hamill, 269 25th avenue, S. F. The dwelling, which has been designed for a seven-room house, will be erected on the west side of 18th avenue north of Anza street. Interior will be finished in pine and redwood with some elm panels in the dining room. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile



ITALIAN VILLA FOR MARY GARDEN
Near Hollywood, Cal.

J. Martyn Haenke, Architect
Los Angeles



UNION HIGH SCHOOL
Patterson, Cal.

Henry C. Smith, Architect
San Francisco

wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner and work will be done by Day Labor. All materials are now being purchased.

FLATS—2 story and base, frame, \$4,500. San Francisco. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, F. Hock. The building will be erected on the north side of Anza street east of 9th avenue, covering an area of 25 by 61½ feet, and has been arranged for two modern flats. Interiors will be finished in pine and redwood with hardwood floors in the principal rooms. There will be two open fire places and tile or brick mantels. Bath rooms will have tile wainscot and composition floors. An automatic water heater will be installed in each flat. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

HOTEL AND STORES—6 story and base. Class C construction, \$125,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, P. J. Gartland. The building will be erected at the southwest corner of Geary and Larkin streets, covering an area of 76 by 120 feet. There will be several stores on the first floor besides the hotel lobby and office. Upper floors will be arranged for a number of guest rooms, a large percentage of which will have private baths. Interior will be finished in pine and Jenassero, with ornamental plaster and tile wainscot in the lobby. Plans provide for steam heat, a hot water system, elevator service and vacuum cleaning. Bath rooms will have tile wainscot and composition floors. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. The dwelling will be erected on the east side of 16th avenue north of California, and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood with some oak floors. There will be an open fire place and tile or brick mantel. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

PUMPING PLANT EQUIPMENT—Cost not stated. San Francisco. Engineer, City Engineer. Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans are being completed for a new well and for furnishing and installing new pumps in the Municipal Pumping Station at Leland avenue. Bids will be advertised for within a week or ten days by the Board of Public Works.

UNDERTAKING PARLORS—2 story and base, frame, \$12,000. San Francisco. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Mr. White. The building will be erected at the northwest corner of Sutter and Pierce streets, covering an area of 75 by 137½ feet. The entire first floor will be

given over to the chapel, office and display rooms. Upper floor will contain a modern flat of six rooms and bath. Interior finish will be of pine and hardwood. Art glass will be used in the chapel. There will be oak floors and ornamental plaster. A central heating system will be installed. Exterior of the building will be faced with cement plaster on metal lath. Working drawings are complete and figures are being taken.

Contracts Awarded.

FLATS—3 story and base, frame, \$6,000. San Francisco. Architect Charles J. Rousseau, 46 Kearny street, S. F. Owner, D. Cavalleri, Contractor, N. P. Anderson, 320 Market street, S. F. Contract price, \$6,000.

City Bids Opened.

James L. McLaughlin Low Man For Construction of Municipal Car Barn Addition, Contract Awarded.

Bids were opened at the Wednesday afternoon meeting of the Board of Public Works for the general construction of the addition to the Municipal Car Barns. The building will be of reinforced concrete and steel. The lowest figure was presented by James L. McLaughlin, 244 Kearny street, for \$159,663. Other bids received were as follows:

Municipal Car Barns.

James L. McLaughlin.....	\$159,663
M. Fisher	187,000
Clinton Fireproofing Co.....	175,500
Monson Bros.	204,458
T. W. Clenahan & Co.....	174,730
Sound Constr. & Eng. Co....	174,965

Contracts were awarded at the same meeting for the general construction of the Washington Irving School to F. M. Garden Co. at \$64,544; heating and ventilating to H. Lawson at \$2,985; electric work to the Butte Elec. & Eng. Co. at \$2,060, and the plumbing to Alex Coleman at \$4,746.

Building Contracts Awarded

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Am't.
452	Eager	Loncon	4400
453	Merrill	Ratto	4800
454	O'Donnell	Segurson	3900
455	Haag	Bocarde	2000
456	1th Ave Pres Ch.....	Yagve	2940
457	Same	Owner	500
458	Prat	Prat	500
459	Seafide	Mowat	1000
460	Barker	Lillis	2500
461	Lillis	Lillis	2500
462	White	Secor	500
463	Hamill	Hamill	2500
464	Yagve	Yagve	2500
465	Pianta	Pianta	15000
466	Ellis	Smith	2400
467	Peterson	Binet	1800
468	Young	Young	3045
469	Herbert	Conland	1800
470	Harder	Roberts	1800
471	Same	Same	1800
472	Same	Same	1800
473	Samuelson	Lindberg	1500
474	Same	Same	1500
475	Robinson	Robinson	2000
476	O'Kane	O'Kane	2000
477	Kruse	Lindberg	1400
478	Lavayasse	Langley	1300
479	Grant	Mahony	12000
480	Franciscomb & Branscomb		7000
481	Nelson	Bergken	2440
482	McMillan	Gillespie	3130
483	Beguhl	Beguhl	3130
484	Young	Mador	5000
485	Pope	McLean	3500
486	Demetakis	Owner	2000
487	Das G & B Co.....	Owner	5500
488	Biggart	Garvin	5000

489	Miller	Stockholm	2000
490	Klovek	Stevenson	1727
491	Flaherty	Woelfrey	3820
492	Gibbons	Currie	7400
493	Mairied	Amoroso	1000
494	Sorbi	Sorbi	1500
495	Klevesahl	Gilmour	450
496	Seghieri	Seghieri	1550
497	Glickman	Landers	400
498	Ferry Street Mtl.....	Klenck	450
499	Landers	Landers	1600
500	Helwig	Novelly	400
501	Pragers	Brumfield	500
502	Barker	Barker	400
503	Narbury	Narbury	400
504	Gunter	Camp	400
505	Linklitter	Linklitter	400
506	Hindemer	Stroth	750
507	Christensen	Elberger	400
508	Solari	Solari	400
509	Urban	Urban	4500
510	MacArthur	MacArthur	2000
511	Miller	Braunton	9000
512	Smith	Button	3800
513	Fulton	Button	2900
514	McGaw	Clawson	712
515	Yates	Moore	2800
516	Same	Same	1300
517	Center	Gompertz	2000
518	Same	Same	2000
519	Porporato	Porporato	6500
520	Land	Land	1500
521	Same	Same	1500
522	Anderson	Anderson	1900
523	Sutro	Goodson	1000
524	Hogrefe	Hogrefe	18000
525	Lester	Lester	400
526	Stuparich	Stuparich	400
527	Same	Same	400
528	Krumdieck	Orchard	490
529	Roller	Roller	550
530	Brown	Brown	1500
531	Leoff	Leoff	400
532	Pickens	Pickens	3000
533	Capurro	Capurro	10000
534	McArde	Grabin	1000
535	Buoni	Land	400
536	Buddist	Philbin	920
537	Knauer	Brode	546
538	Egan	Brode	546
539	P. P. I. E.....	Strehlow	175020
540	Same	Turner	3650
541	Same	Newbery	2075
542	Same	Healy	7800
543	Goch	Lapham	3700

(452) W GARIBALDI 57-6 S Union S 40xW 58-9. All work for two-story and basement frame flats. Owner.....Walter H. and Nellie E. Eager, 327 Union, S. F. Architect.....Kidd & Anderson, 251 Kearny, San Francisco. Contractor.....T. Loncon (as Latin Construction Co.)

Filed Feb. 16, '14. Dated Feb. 11, '14. Rough frame up.....\$1100
Gravel roof on, front up and patent chimneys up.....1100
Completed and accepted.....1100
TOTAL COST, \$4400
Bond, \$2200 Surety, Chicago Bonding & Surety Co. Limit, 80 days. Forfeit, \$5. Plans and specifications filed.

(453) E GUERRERO 26-6 S 21st S 25 xE 100. All work except gas fixtures, shades, mantels and grates and finish hardware for two-story and basement frame flats.

Owner.....Sarah E. McQuaide Moriarty.
Architect.....M. J. Welsh, 2970 22nd, San Francisco.

Contractor.....A. Ratto and V. Vadala, 441 Madrid, San Francisco.
Filed Feb. 16, '14. Dated Feb. 14, '14. Frame up.....\$1200
Brown coated.....1200
Completed.....1200
Usual 35 days.....1200
TOTAL COST, \$4800

Bond, \$2400. Surety, Southwestern Surety Insurance Co. Limit, 75 days. Forfeit, \$2. Plans and specifications filed.

(454) W HAMPSHIRE about 175 or 200 S 25th 30x100. All work for two-story frame flats.

Owner....Emma R. O'Donnell, 1272
Fulton, San Francisco.
Architect...None.
Contractor...Segurson Bros., 308 Guer-
rero, San Francisco.

Filed Feb. 16, '14. Dated Feb. 14, '14.
Frame up and braced..... 3/4
Brown coated..... 3/4
Completed and accepted..... 3/4
Usual 35 days..... 3/4

TOTAL COST, \$3900

Bond, \$1950. Surety, Massachusetts
Bonding & Insurance Co. Limit, for-
feit, none. Plans and specifications filed

(455) S ERIE 140 E Howard. Alter
present building to conform to sani-
tary laws.

Owner.....H. Haag and F. Kracher,
1733 Leavenworth, S. F.
Architect...J. C. Plugger, 811 Crocker
Bldg., San Francisco.

Contractor...Wm. Bocarde, 261 Pierce,
San Francisco.

COST, \$2000

(456) NO. 1239 SEVENTH AVE. Ad-
dition of 2 class rooms.
Owner.....7th Ave. Presbyterian
Church, Premises.

Architect...None.
Contractor...W. E. Grant, 1032 Irving,
San Francisco.

COST, \$300

(457) NO. 643 WALLER. General re-
pairs on dwelling.
Owner.....J. C. McCaughern.

Architect...None.
Day's work.....

COST, \$500

(458) NO. 4055 GEARY. Alter store.
Owner.....Prat Bros., Premises.
Architect...None

Day's work.....

COST, \$500

(459) NO. 1090 HYDE. Raise and ex-
tend cottage.
Owner.....Seafide Bros., Premises.

Architect...None.
Contractor...T. Mowat, 2135 Market,
San Francisco.

COST, \$1000

(460) NO. 65 SIXTH. Install brick
bake oven.
Owner.....Mrs. Baker, Oakland.

Architect...None.
Contractor...W. F. Schaller, 2560 Sut-
ter, San Francisco.

COST, \$500

(461) N VALLEJO 87 1/2 E Webster.
Concrete foundation only for brick
residence.

Owner.....S. C. Lillis, 2150 Vallejo,
San Francisco.
Architect...None.

Day's work.....

COST, \$2500

(462) NO. 1611 FILLMORE. Repair
fire damage.

Owner.....Robert White Co., Mer-
chants' Exchange Bldg.,
San Francisco.

Architect...None.
Contractor...L. A. Secor, 50 Cassell Ave.
San Francisco.

COST, \$500

(463) W NINETEENTH AVE 125 N
Anza. Two-story and basement
frame residence.

Owner.....Thos. Hamill, 268 25th Ave.
San Francisco.

Architect...None.
Day's work.....

COST, \$2800

(464) E UPPER TERRACE 65 S CHIF-
ford. Two-story and basement frame
dwelling.

Owner.....Karl Yngve, 133 Alpine,
San Francisco.

Architect...None.
Day's work.....

COST, \$2500

(465) EXPOSITION S11 Staff and
plaster work, wire lathing and
trusswork on Main Tower.

Owner.....Panama-Pacific Interna-
tional Exposition Bldg., by Commary
Peterson Co. Inc., 46 Kearny,
San Francisco.

Architect...Thos. Hastings.
Contractor...Pietro Prasso & Charles
Pianta, 753 Vienna, S. F.

Filed Feb. 17, '14. Dated Feb. 5, '14.
As work progresses..... 75%
Usual 35 days..... 75%

TOTAL COST, \$75,000

Bond, none. Limit, 120 days from com-
pletion of steel work. Forfeit, none.
Plans and specifications, none.

(466) E SAN GABRIEL AVE 230 N
Santa Rosa Ave. All work for one-
story and basement frame dwelling.

Owner.....Maybelle L. and Robt. H.
Ellis, 907 Valencia, S. F.

Architect...Plans by Contractor.
Contractor...Francis and Wm. Smith
(as Smith Bros.), 56 De-
lano Ave., San Francisco.

Filed Feb. 17, '14. Dated Feb. 11, '14.
Frame up..... 25%
Mortar on..... 25%
Finish in place..... 25%

Usual 35 days..... 25%

TOTAL COST, \$2400

Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(467) N CUMBERLAND 70 W Guer-
ro W 22-6XN 89. All work except
electric work, gas fixtures and shades
for one-story and basement frame
building.

Owner.....E. P. Peterson.
Architect...None.

Contractor...John J. Binet Co., 68 Ra-
mona Ave., S. F.

Filed Feb. 17, '14. Dated Feb. 14, '14.
Frame up..... \$735
Brown coated..... 735

Completed..... 735

Usual 35 days..... 735

TOTAL COST, \$2940

Bond, \$735. Surety, N. Lund. Limit,
100 days. Forfeit, \$3. Plans and spec-
ifications filed.

(468) NW MASONIC AVE AND ST.
Roses Ave W 60XN 65. All work ex-
cept plumbing for one-story and
basement frame building.

Owner.....J. M. Lettich, 2058 Taylor,
San Francisco.

Architect...Fabre & Bearwald, Mer-
chants' National Bank
Bldg., San Francisco.

Contractor...Jacques Narhebury, 131
Holly, San Francisco.

Filed Feb. 17, '14. Dated Feb. 17, '14.
Roofing on..... \$760
Plastering and brick work done. 760

Completed and accepted..... 765

Usual 35 days..... 760

TOTAL COST, \$3045

Bond, \$1522.50. Surety, American Surety
Co. Limit, 45 days. Forfeit, \$5. Plans
and specifications filed.

(469) SW CLAY AND JONES 33-9x120.
Grading, filling, excavation, bulk-

heading and trenching for four-
story Class "C" building.

Owner.....A. H. Herbert, 151 Powell,
San Francisco.

Architect...O'Brien Bros., Clunie Bldg
San Francisco.

Contractor...Julia Confland and A.
Cadanasso.

Filed Feb. 17, '14. Dated Feb. 14, '14.
25% grading finished..... \$337.50
50% grading finished..... 337.50

75% grading finished..... 337.50

Completed and accepted..... 337.50

Usual 35 days..... 450.00

TOTAL COST, \$1800.00

Bond, none. Limit, 20 days. Forfeit,
none. Plans and specifications filed.

(470) E CASTRO 78 S Army. One
and one-half-story and basement
frame dwelling.

Owner.....Louis G. Harder, 2528 Mis-
sion, San Francisco.

Architect...None.
Contractor...L. J. Roberts and J. B.
Woolfrey, 3168 21st, S. F.

COST, \$1800

(471) SE ARMY AND CASTRO. One
and one-half-story and basement
frame dwelling.

Owner.....Louis G. Harder, 2528 Mis-
sion, San Francisco.

Architect...None.
Contractor...L. J. Roberts and J. B.
Woolfrey, 3168 21st, S. F.

COST, \$1800

(472) E CASTRO 26 S Army. One
and one-half-story and basement
frame dwelling.

Owner.....Louis G. Harder, 2528 Mis-
sion, San Francisco.

Architect...None.
Contractor...L. J. Roberts and J. B.
Woolfrey, 3168 21st, S. F.

COST, \$1800

(473) S MORSE 60 E Newton. One-
story and basement frame dwelling.

Owner.....A. M. Samuelson, 2367 Mis-
sion, San Francisco.

Architect...None.
Contractor...Lindberg Bros., 257 Surrey
San Francisco.

COST, \$1500

(474) S MORSE 90 E Newton. One-
story and basement frame dwelling.

Owner.....A. M. Samuelson, 2367 Mis-
sion, San Francisco.

Architect...None.
Contractor...Lindberg Bros., 257 Surrey
San Francisco.

COST, \$1500

(475) NW FAXON AVE & De MONT-
ford. Repair fire damage to apart-
ments.

Owner.....N. F. Robinson, 301 Faxon
Ave., San Francisco.

Architect...W. Jones Cuthbertson, 328
Montgomery, S. F.

Day's work.....

COST, \$2600

(476) SW GEARY AND MASONIC
Ave. Raise two-story frame flats
and add one-story to same, plumb-
ing, etc.

Owner.....Frank O'Kane.

Architect...O'Brien Bros., Inc., 519
California, S. F.

Day's work.....

COST, \$2000

(477) W ST. CHARLES 350 N Pal-
metto. One-story and basement
frame dwelling.

Owner.....Mr. and Mrs. Krause, 769 Florida, S. F.
Architect...None.
Contractor...A. Lindberg and M. Hohn, 72 Gates, San Francisco.
COST, \$1400

(478) SE KIRKWOOD & PHELPS.
Two-story and basement frame flats
Owner.....Leopold Lavaysse, 1017 Phelps, San Francisco.
Architect...None.
Contractor...A. Langley.
COST, \$1900

(479) NE BUSH AND SANSOME. Alter 5th and 6th floors of Class "A" loft building into offices. Partitions of hollow tile and hardwall plaster, etc.
Owner.....Joseph D. Grant, Premises
Architects...Coates & Travers, 703 Hearst Bldg., S. F.
Contractor...Mahony Bros., 923 Crocker Bldg., San Francisco.
COST, \$12,000

(480) SW CHATTANOOGA & 24TH. Additions, alterations and repairs to building.
Owner.....J. M. & E. M. Branscomb, 234 Chattanooga, S. F.
Architect...J. B. Randall, 1337 Palm, San Francisco
Day's work.....COST, \$7000

(481) NO. 145 NOE. Alter and repair dairy by installing cement floors and foundations, galvanized iron skylights, glass and T and G partitions, etc.
Owner.....N. S. Nelson, Premises.
Architect...None.
Contractor...L. G. Bergren & Son, 209 Sanchez, S. F.
COST, \$2440

(482) W PARKER AVE 431-7 N Geary. Two-story and basement frame residence.
Owner.....Mrs. Ruth McMillan, 441 Spruce, San Francisco.
Architect...Leon H. Smith, 110 Sutter, San Francisco.
Contractor...G. G. Gillespie, 180 Jessie, San Francisco.
COST, \$3900

(483) SE LISBON 350 SW Persia. One-story and basement frame dwlg.
Owner.....Wm. and Hilda Beguhl, 422 Lisbon, San Francisco.
Architect...O. E. Evans, 2367 Mission, San Francisco.
Day's work.....COST, \$3130

(484) FOREST HILL TRACT Lot No. 1 Bk 22. Two-story and basement frame residence.
Owner.....E. C. Young, 207 2nd, S. F.
Architect...Maybeck & White, 35 Montgomery, S. F.
Contractor...H. I. Maddox, 71 Waller, San Francisco.
COST, \$5000

(485) N MISSION 348-4 1/2 W Seventh. Underpin foundation.
Owner.....Pope Estate Company.
Architect...Matthew O'Brien, 68 Post, San Francisco.
Contractor...Neil McLean, Chronicle Bldg., San Francisco.
COST, \$3500

(486) N COMMERCIAL 100 E Drumm Two-story and basement reinforced concrete and brick store and loft.

Owner.....C. Demetrak, 67 Clay, S. F.
Architect...O'Brien Bros., Inc, 519 California, San Francisco.
Day's work.....COST, \$2000

(487) S COMMERCIAL 60 W Montgomery. Excavate and build sidewalks and concrete foundation for power house.
Owner.....Pacific Gas & Elec. Co., 437 Bankers' Invest. Bldg., S. F.
Architect...Frederick H. Meyer, 437 Bankers' Invest. Bldg., S. F.
Day's work.....COST, \$5500

(488) E SECOND AVE 85 N Irving. Two-story and basement frame (2) flats.
Owner.....Thomas R. and Addie M. Biggart, 1363 Ellis, S. F.
Architect...Philip Schwedert Co., 968 Phelan Bldg., S. F.
Contractor...John G. Garvin, 1363 Ellis, San Francisco.
COST, \$5000

(489) SW BAKER AND PACIFIC AVE Alterations, repairs and additions to dwelling.
Owner.....C. O. G. Miller, 3001 Pacific Ave., San Francisco.
Architect...Bliss & Paville, Balboa Bldg., San Francisco.
Contractor...Stockholm & Allyn, Monadnock Bldg., S. F.
COST, \$2000

(490) W LUCY 200 S Thornton Ave S 25xW 100. All work for one-story and basement frame cottage.
Owner.....Jos. Kolvek, 50 Lucy, S. F.
Designer...Stevenson & Gowan.
Contractor...Stevenson & Gowan, 112 Girard, San Francisco.
Filed Feb. 18, '14. Dated Feb. 17, '14.
Frame up.....\$44.50
Brown coated.....431.00
Completed.....431.00
Usual 35 days.....431.00
TOTAL COST, \$1727.50
Bond, none. Limit, 90 days. Forfeit, none
Plans and specifications filed.

(491) W SANCHEZ 66 S 25th S 20xW 76-8 W A 121. All work except shades and gas fixtures for two-story and basement frame flats.
Owner.....Jno. W. & Della Flaherty.
Architect...None.
Contractor...John B. Woolfreg & Louis J. Roberts, 3168 21st, S. F.
Filed Feb. 18, '14. Dated Feb. 7, '14.
Rough frame up.....\$830
Brown coated.....830
Completed and accepted.....830
Usual 35 days.....830
TOTAL COST, \$3320
Bond, \$1660 Sureties, Lorenzo Ferreira and Louis B. Harder. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(492) E LOCUST 127-8 1/2 N Jackson th at right angles to Locust 33-4 E from E Locust and to pt of beginning E 33-4 N 91-1 1/2 m or 1 SW to pt 33-5 1/2 NE Locust S 88-2 1/2 W A 321. All work except plumbing, heating, mantels and electric work for frame residence.
Owner.....Henry J. Gibbons, 350 Post, San Francisco.
Architect...Coxhead & Coxhead, Hearst Bldg., S. F.
Contractor...Currie & Currie, 1215 3rd Ave., San Francisco.
Filed Feb. 18, '14. Dated Feb. 13, '14.

Frame up and sheathed and chimneys built.....\$1850
Building plastered.....1850
Completed and accepted.....1850
Usual 35 days.....1850
TOTAL COST, \$7100

Bond, \$3750. Sureties, J. W. Schonten and J. H. McCallum. Limit, 90 days. Forfeit, \$10 Plans and specifications file

(493) S CONCORD 204 W Morse. One story and basement frame dwelling.
Owner.....Gust Maitland, 1732 Sanchez, San Francisco.
Architect...None.
Contractor...Clas. G. Anderson, 5942 24th, San Francisco.
COST, \$1000

(494) W EDINBURGH 110 N Brazil. One and one-half-story and basement frame dwelling.
Owner.....A. Sorbi, 248 Edinburg, San Francisco.
Architect...None.
Day's work.....COST, \$1500

(495) NE GUERRERO AND 28TH. Add to butcher shop.
Owner.....F. W. Klevesahl.
Architect...None.
Contractor...Geo. D. Gilmonr, 2376 Howard, San Francisco.
COST, \$450

(496) W COOK 375 N Geary. One-story frame shop and add to old building.
Owner.....A. Seghieri & Bro.
Architect...None.
Day's work.....COST, \$1550

(497) NO. 523 KEARNY. Alter front vestibule.
Owner.....L. Glickman, Oakland Bk. of Savings, Oakland.
Architect...None.
Contractor...F. C. Amoroso, 1246 Kearny, San Francisco.
COST, \$400

(498) S CLEMENTINA 125 E Sixth. Add to shop.
Owner.....Ferry Sheet Metal Works, Folsom near 6th, S. F.
Architect...None.
Contractor...F. J. Klenck, 215 Sharon Bldg., San Francisco.
COST, \$450

(499) E TENTH AVE 200 N Geary. Alter and add to dwelling so as to make two flats.
Owner.....Laura M. Landers, 362 10th Ave., San Francisco.
Architect...J. F. Haner, 3579 19th Ave., San Francisco.
Day's work.....COST, \$1600

(500) NO. 43 STOCKTON. Electric sign.
Owner.....C. A. Heliwig, Premises.
Architect...None.
Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, \$400

(501) N MARKET 50 E Jones. Electric sign.
Owner.....Pragers, Inc., Premises.
Architect...None.
Contractor...Brumfield Elec. Sign Co., 18 7th, San Francisco.
COST, \$500

(502) E CHATTANOOGA 58 N Jersey.
One-story concrete garage.
Owner.....Henry Barker, 78 Tiffany
Ave., San Francisco.
Architect...None.
Day's work. COST, \$400

(503) NO. 4448 MISSION (rear). One-
story frame shop.
Owner.....J. Narbebury, 131 Holly,
San Francisco.
Architect...None.
Day's work. COST, \$400

(504) NO. 528 GOUGH. Repair shop.
Owner.....G. F. Gunther, 516 Gough,
San Francisco
Architect...None.
Contractor..Camp & Carillon, 110
Jessie, San Francisco.
COST, \$400

(505) NO. 937 PERSIA. Alter and
add to dwelling.
Owner.....Wm. Linklitter, Premises
Architect...None.
Day's work. COST, \$400

(506) SE ANDOVER AND CRESCENT
Concrete foundation and rat proof
basement.
Owner.....W. Hindemer, Premises.
Architect...None.
Contractor..E. C. Stroth, 477 14th, S. F.
COST, \$750

(507) NE HAYES & WEBSTER. Alter
front and terrazzo floor.
Owner.....A. Christensen, 796 Hayes,
San Francisco.
Architect...None.
Contractor..M. Elberger, 745 5th Ave.,
San Francisco.
COST, \$400

(508) NO. 1356 WEBSTER. Concrete
pavement in yard.
Owner.....S. Solari, Mt. Olivet.
Architect...None.
Day's work. COST, \$400

(509) W SOTO 200 N Urbano Drive.
Two-story and basement frame dwlg.
Owner.....Urban Realty & Improvement
Co., 85 Cerritos Ave.,
San Francisco.
Architect...Jos. A. Leonard, 85 Cer-
ritos Ave., San Francisco.
Day's work. COST, \$4500

(510) E FIFTH AVE 175 S Cabrillo
Two-story and basement frame resi-
dence.
Architect...MacArthur Bros., 1560
Fell, San Francisco.
Architect...None.
Day's work. COST, \$2000

(511) E ASHBURY 278.69 S Clifford.
Two-story and basement frame (2)
flats.
Owner.....Harold Brauntton & W. R.
Miller, 185 Stevenson, S. F.
Architect...None.
Contractor..Harold Brauntton, 185
Stevenson, San Francisco.
COST, \$9000

(512) E TWENTY-SIXTH AVE 160 N
Irving. Two-story and basement
frame dwelling.
Owner.....Mary C. Smith, 1242 10th
Ave., San Francisco.
Architect...None.
Contractor..Ralph J. Button, 1212 4th
Ave., San Francisco.
COST, \$3800

(513) E TWENTY-SIXTH AVE 125 N
Irving. Two-story and basement
frame dwelling.
Owner.....Ralph J. Button, 1212 4th
Ave., San Francisco.
Architect...None.
Day's work. COST, \$2900

(514) N GREEN 116-3 1/2 W Jones W
47XN 120. Patent fire places and
patent chimney work for two-story
and basement and attic frame resi-
dence.
Owner.....John McGaw, Mills Bldg.,
San Francisco.
Architect...Oscar Haupt, Phelan Bldg.
San Francisco.
Contractor..L. E. Clawson Co., 80
Page, San Francisco.
Filed Feb. 19, '14. Dated Feb. 2, '14
Completed and accepted.....\$584
Usual 35 days.....178
TOTAL COST, \$712

Bond, none. Limit, without delay. For-
feit, none. Plans and specifications,
none.

(515) W TWENTY-FIRST AVE 125 S
Geary. Two-story and basement
frame residence.
Owner.....J. Yates, 335 21st Ave.,
San Francisco.
Architect...None.
Contractor..Yates & Moore, 335 21st
Ave., San Francisco.
COST, \$2800

(516) E TWENTY-FIRST AVE 275 S
Geary. One-story and basement
frame residence.
Owner.....J. Yates, 335 21st Ave.,
San Francisco.
Architect...None.
Contractor..Yates & Moore, 335 21st
Ave., San Francisco.
COST, \$2800

(517) W TREAT AVE 150 N 18th.
Two-story corrugated iron stable.
Owner.....John Center Co., 660 Mar-
ket, San Francisco.
Architect...None.
Contractor..Chas. W. Gompertz, 503
Market, San Francisco.
COST, \$2000

(518) W TREAT AVE 50-11 N 18th.
One-story frame bottling works.
Owner.....John Center Co., 660 Mar-
ket, San Francisco.
Architect...None.
Contractor..Chas. W. Gompertz, 503
Market, San Francisco.
COST, \$2000

(519) E LEAVENWORTH 48 S Union.
Three-story and basement frame (3)
flats.
Owner.....M. M. Porporato, 921
Union, San Francisco.
Architect...J. A. Porporato, 619 Wash-
ington, San Francisco.
Day's work. COST, \$6500

(520) N CLIPPER 100 E Douglass.
One and one-half-story and base-
ment frame dwelling
Owner.....Oscar Lind, 4385 25th,
San Francisco.
Architect...None.
Day's work. COST, \$1500

(521) N CLIPPER 80 E Douglass.
One and one-half-story and base-
ment frame dwelling.

Owner.....Oscar Lind, 4385 25th,
San Francisco.
Architect...None.
Day's work. COST, \$1500

(522) W DOUGLASS 380 N 17th. One
and one-half-story and basement
frame dwelling.
Owner.....K. Anderson, 317 Hearst
Bldg., San Francisco.
Architect...None.
Day's work. COST, \$1900

(523) GREAT HIGHWAY at Cliff
House. Construct concrete bulkhead.
Owner.....Estate Adolph Sutor, Mills
Bldg., San Francisco.
Architect...None.
Contractor..Goodman Artificial Stone
Co., 62 Post, S. F.
COST, \$2000

(524) E LEAVENWORTH 112-6 S
Sutter. Four-story and basement
brick (8) apartments.
Owner.....Herman Hogrefe, 728
Taylor, San Francisco.
Architect...Edward E. Young, 251
Kearny, San Francisco.
Day's work. COST, \$18,000

(525) NO. 630 TENNESSEE. Con-
struct foundation.
Owner.....Frank Lester, 632 1/2 Ten-
nessee, San Francisco.
Architect...None.
Day's work. COST, \$400

(526) NO. 1932 HYDE. Add boiler
room.
Owner.....R. J. Stuparich, 10 Lincoln
Heights, San Francisco.
Architect...None.
Day's work. COST, \$400

(527) NO. 2036 HYDE. Alter en-
trance.
Owner.....R. J. Stuparich, 10 Lincoln
Heights, San Francisco.
Architect...None.
Day's work. COST, \$400

(528) NO. 547 DOUGLASS. Brick
bake oven.
Owner.....C. Krumdick, 1028 Cle-
ment, San Francisco.
Architect...None.
Contractor..S. Orchard, 38 Romain,
San Francisco.
COST, \$500

(529) S TWENTY-SEVENTH 175 E
Douglass. Add one story to present
dwelling.
Owner.....Edwin Roller, 767 27th,
San Francisco.
Architect...None.
Day's work. COST, \$150

(530) W LISBON 200 S Excelsior.
One and one-half-story and base-
ment frame dwelling.
Owner.....W. C. Brown, 2945 Harri-
son, San Francisco.
Architect...None.
Day's work. COST, \$1500

(531) SE GREAT HIGHWAY AND
Cabrillo. Add store to hippodrome.
Owner.....Wm. Looft, Premises.
Architect...None.
Day's work. COST, \$100

(532) S WELSH 125 E Second. Twn-
story and basement frame (2) flats.
Owner.....H. R. Pickens, 1412 Guer-
rero, San Francisco.

Architect...None.
Day's work. COST, \$3000

(533) SE BROADWAY AND BARTOL
Place. Four-story and basement re-
inforced concrete rooming house.
Owner.....Nicola Capurro, 1351 Grant
Ave., San Francisco.
Architect...Louis Mastropasqua, 550
Washington, S. F.
Day's work. COST, \$10,000

(534) NO. 1575 TREAT AVE. Add 2
rooms and install window.
Owner.....John McArdie, Premises
Architect...None.
Contractor...Wm. H. Grahn, 2840 Bry-
ant, San Francisco.
COST, \$1000

(535) N GREENWICH 150 W Octavia.
Repair stable.
Owner.....G. Buvolet, 1825 Union,
San Francisco.
Architect...None.
Day's work. COST, \$400

(536) S PINE 55 E Octavia S 120xE
55. Lathing and plastering, etc. for
two-story frame church building.
Owner.....Buddist Church of S. F. by
Fraser & Fraser, 859
Haigh, San Francisco.

Architect...O'Brien Bros., Inc., Clunie
Bldg., San Francisco.
Contractor...J. J. Philbin, 110 Jessie,
San Francisco.

Filed Feb. 20, '14. Dated Feb. 17, '14.
Lathed and plastered outside and
in\$340
Completed and accepted..... 350
Usual 35 days..... 230
TOTAL COST, \$920
Bond, \$900. Surety, Chicago Bonding
& Surety Co. Limit, forfeit, plans and
specifications, none.

(537) S PACIFIC AVE.—W Buchanan
Ornamental iron work for two-story
frame building.
Owner.....Mrs. A. B. Knauer.
Architect...H. H. Gelfuss & Sons, 46
Kearny, San Francisco.
Contractor...Brode Iron Works, 31
Hawthorne, S. F.

Not filed.
Progressive payments
TOTAL COST, \$550

(538) FOLSOM near Eighth. Structural
steel and fire escapes, etc. for
three-story brick building.
Owner.....Egan Bros
Architect...None.
Contractor...Brode Iron Works, 31
Hawthorne, S. F.

Not filed.
Progressive payments
TOTAL COST, \$546

(539) EXPOSITION SITE. Construction
of Court or Palms and Flowers.
Owner.....Panama-Pacific Interna-
tional Exposition Co., Ex-
position Bldg., S. F.

Architect...Geo. W. Kellum, Sharon
Bldg., San Francisco.
Contractor...Strehlow, Freese & Petersen,
Exposition Site, S. F.
Filed Feb. 21, '14. Dated Feb. 19, '14.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$175,202
Bond, \$95,000. Surety, Globe Indemnity
Co. Limit, 120 days. Forfeit, \$150.
Plans and specifications filed.

(540) WATER AND DRAIN PIPING
on above
Contractor...The Turner Co., 278 Na-
toma, San Francisco.
Filed Feb. 21, '14. Dated Feb. 18, '14.
Payments same as above.....

TOTAL COST, \$3690
Bond, \$2500. Surety, Massachusetts
Bonding & Insurance Co. Limit, 120
days. Forfeit, none. Plans and spec-
ifications filed.

(541) ELECTRIC WIRING ON ABOVE.
Contractor...Newbery-Bendheim Elec.
Co., Humboldt Bank Bldg.,
San Francisco.

Filed Feb. 21, '14. Dated Feb. 18, '14.
Payments same as above.....
TOTAL COST, \$2075
Bond, \$1500. Surety, Southwestern
Surety Ins. Co. Limit, 120 days. For-
feit, \$10. Plans and specifications filed.

(542) PILE FOUNDATIONS ON
above.
Contractor...Healy-Tibbitts Constr. Co.,
9 Main, San Francisco.

Filed Feb. 21, '14. Dated Feb. 17, '14.
Payments same as above.....
TOTAL COST, \$7800
Bond, \$4500. Surety, Globe Indemnity
Co. Limit, 60 days. Forfeit, \$15.
Plans and specifications filed.

(543) W TWELFTH AVE 200 S Anza
W 120xS 25. All work for two-story
six-room frame building.
Owner.....Alfred J. Gock, 66½ Wal-
ter, San Francisco.

Architect...None.
Contractor...Alton R. Lapham, 1853
McAllister, S. F.
Filed Feb. 21, '14. Dated Feb. 17, '14.
Frame up\$925
Brown coated and rough plumb-
ing installed 925
Completed and accepted..... 925
Usual 35 days..... 925
TOTAL COST, \$3700
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications, none.

INCORPORATIONS.

California Producemens Club. Capital
Stock, \$10,000; subscribed, \$20;
shares, \$10 each. Directors—A. A.
Newhouse, W. E. Marden, H. Linder-
bach, 1 share each. Place of business,
San Francisco.

Hills Bros. Capital Stock, \$500,000;
subscribed, \$500; shares, \$100 each.
Directors—R. W. Hills, A. H. Hills, R.
W. Hills Jr., C. H. Bain and E. M. Cofe
1 share each. Place of business, San
Francisco

California Tunnel Gold Mining and
Milling Co. Capital Stock, \$1,000,000;
subscribed, \$30; shares, \$10 each. Di-
rectors—T. Kearns, J. D. Lyons, A. W.
Drew, 10 shares each. Place of busi-
ness, San Francisco.

Western Reclamation Co. Capital
Stock, \$60,000; subscribed, \$30; shares,
\$10 each. Directors—L. B. Anderson,
A. D. Wright, A. E. Edlin, 1 share each.
Place of business, San Francisco.

Marin Mountain Springs Water Co.
Capital Stock, \$20,000; subscribed, \$3;
shares, \$1 each. Directors—J. T. Mee,
W. L. Mee, J. H. Roach, 1 share each.
Place of business, San Francisco.

Levenson Co. Capital Stock, \$10,000;
subscribed, \$10,000; shares, \$10 each.
Directors—R. R. Beggs, 375 shares; P.
L. Badt, 375 shares; A. Levenson, 250
shares. Place of business, S. F.

G. H. Oakley Co. Capital Stock,
\$11,000; subscribed, \$15; shares, \$1 each.
Directors—G. H. Oakley, C. E. Doty,
and C. E. Oakley, 5 shares each. Place
of business, San Francisco.

Beck Manufacturing Co. Capital
Stock, \$125,000; subscribed, \$30; shares,
\$10 each. Directors—F. O. Harrington,
H. Hunter, K. M. Pryor, 1 share each.
Place of business, San Francisco.

Rex Electric and Construction Co.
Capital Stock, \$25,000; subscribed, \$3;
shares, \$1 each. Directors—A. E. Need-
haw, W. W. Perry, E. R. Eliassen, 1
share each. Place of business, S. F.

The N. K. Fairbanks Co. (Certified)
Capital Stock, \$4,000,000; subscribed,
\$465,000; shares, \$100 each. Directors
—E. Erquhart, W. J. Curtis, R. F.
Murro, W. T. Wells, J. Sears, 1 share
each; J. H. Benedict and R. F. Murro, as
Trustees, 4,644 shares. Place of busi-
ness, San Francisco.

B. D. B. Motion Picture Co. Capital
Stock, \$20,000; subscribed, \$3; shares,
\$1 each. Directors—W. Blake, H. R.
Brinck, F. H. Davis, 1 share each.
Place of business, San Francisco

NOTICE OF NON-RESPONSIBILITY.

Feb. 20, 1914—ELLIS NO. 456 N line
between Leavenworth and Jones.
Frank J. Kilum as to improve-
ments on leased property
Feb. 20, 1914—NE ELLIS & POWELL
E 64-3XN 115. Fahst Brewing Co
as to improvements on leased
property
Feb. 16, 1914—LOT 35 BLK 25 Crocker-
Amazon Tract. Crocker Estate
Co as to improvements on leased
property

NOTICE OF NON-LIABILITY.

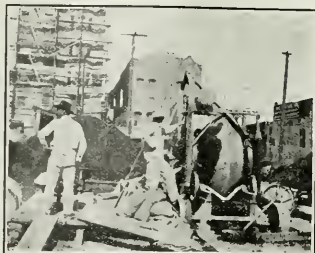
Feb. 18, 1914—NW POST AND HYDE
N 37-6XW 68-9. Loretta Weller
Carey as to improvements on
leased property

COMPLETION NOTICES.

San Francisco.

Feb. 7, 1914—N WILLIAMS AVE 50
W Ceres W 25XN 100. Richard A.
and Caroline Godfrey to Stevenson
& Gowan.....Feb. 6, 1914
Feb. 7, 1914—N McALLISTER 30-1
W Gough W 34-1XN 100. Marks
Bros to C C Sayre.....Feb. 4, 1914
Feb. 7, 1914—S BROADWAY 122-6
E Mason 25x77 N Dentone or
Dentoni to Devencenzi Bros & Co
.....Feb. 6, 1914
Feb. 7, 1914—N DUNCAN 125 W
Guerrero W 25XN 114. Bessie
Goldman (wf Jack Goldman) to W
C Hamerton & Son.....Feb. 7, 1914
Feb. 9, 1914—W MISSION 187 N 17th
23-6 on Mission x 117. Frank M
Scoonover to Ward & Goodwin.....
.....Feb. 6, 1914
Feb. 9, 1914—S PINE 137-6 E Leaven-
worth E 37-6XN 137-6. Clara K and
Adolphine Suto to J S Hannah,
Jan 31; The J Looney Co., Jan 31. 14
Feb. 9, 1914—NW POST AND SCOTT
N 165 W 192-6 S 53 E 55 S 110 E
137-6. Mount Zion Hospital to
Troy Laundry Machinery Co.....
.....Feb. 4, 1914
Feb. 9, 1914—LOT 26 BLK 25, Crocker
Amazon Tract, lying on E Naples
50 N Munch. Johan Knudsen to
whom it may concern.....Feb. 7, 1914

Get It From Bacon



Footo Mixer on building work.
Lang & Bergstrom, Contractors.



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EDWARD R. BACON CO.

CONTRACTORS EQUIPMENT.

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FOOTE CONCRETE MACHINERY CO.

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38-40 NATOMA ST., S. F.

Edward R. Bacon is positively not connected with any other firm.

Feb. 9, 1914—N CALIFORNIA 81-3 E
Scott E 35 N 132-7 1/2 W 35 S 132-7 1/2
Marion H White to L A Kern.....
.....Feb. 2, 1914

Feb. 9, 1914—E PORTY-FIRST AVE
190 N Cabrillo (C) N 25xE 122.
Mollie I Lange and Wm F Lange to
whom it may concern.....Feb. 6, 1914

Feb. 9, 1914—E TWENTY-THIRD
Ave 90 S Ulloa S 20xE 120. Frank
C Keefe to Wm Van Herick.....
.....Jan. 31, 1914

Feb. 9, 1914—W TRINITY 68-9 N
Sutter N 61-3 1/2 N 34-4 1/2 E 61-3 1/2
S 34-4 1/2. French American Bank
of Svgs by P J Walker, Agt. to O
E Brady.....Jan. 30, 1914

Feb. 10, 1914—BASEMENT OF MER-
chants' Exchange and Insurance
Exchange. Merchants' Exchange
Club opn to Foster Vogt Co opn.
.....Feb. 9, 1914

Feb. 10, 1914—E GOUGH 81-3 S Ful-
ton S 25xE 82-6. Lorenz Keller to
Mager Bros.....Feb. 10, 1914

Feb. 10, 1914—W FOURTH AND
Jessie NW 75x8W 75. Mary L
Phean to Chas H Hock. Feb. 9, 1914

Feb. 10, 1914—N GREEN 86-6 E
Baker E 26 N 112-6 W 25 S 25 W 1
S 87-6. Robina R Slack to Leaf &
Kaiser.....Feb. 3, 1914

Feb. 10, 1914—S GEARY 70 E 26th
Ave E 24-48S 100. Gilberto Del
Tredici to R Knowles. Jan. 15, 1914

Feb. 10, 1914—W NINTH AVE 150 S
Judah; No. 1427 9th Ave. Gottfried
Klatt to Lamser & Piske. Jan. 31, 1914

Feb. 10, 1914—E SIXTEENTH AVE
100 S Anza (A) S 25 E 127-6 N 25
—to beg—William H and Viola
Dreyer to Wm Bahrs.....Feb. 6, 1914

Feb. 11, 1914—N GREEN 86-6 E
Baker E 26 N 112-6 W 25 S 25 W 1
S 87-6. Roulina R Slack to Peter-
sen-James Co.....Feb. 9, 1914

Feb. 11, 1914—N ANZA 57-6 E 2nd
Ave. Mary Henrietta McGaffigan
to whom it may concern. Feb. 6, 1914

Feb. 11, 1914—NW ELLIS & MASON
W 97-6xN 60. Jennie M Blair to
Pettersson & Persson.....Feb. 9, 1914

Feb. 11, 1914—NW ELLIS & MASON
W 97-6xN 60. Jennie M Blair to
Otto Kurtz.....Feb. 10, 1914

Feb. 13, 1914—N GEARY 112-6 W
Hyde W 25xN 137-6. Charles S
Howard to Ward & Goodwin.....
.....Feb. 9, 1914

Feb. 13, 1914—E SEVENTH AVE
452-5 1/2 N Lake N 30xE 120. Helen
S Lowenthal to Monson Bros.....
.....Feb. 5, 1914

Feb. 13, 1914—NW ELLIS & MASON
W 97-6xN 60. Jennie M Blair to
Mayer Walk.....Feb. 13, 1914

Feb. 13, 1914—E EIGHTEENTH AVE
25 S Anza S 25xE 95. W R Kenny
to whom it may concern. Feb. 13, 1914

Feb. 13, 1914—BLK BDED BY HAYES
Park, Grove and Larkin. Panama-
Pacific International Exposition
Co to Lindgren Co.....Feb. 10, 1914

Feb. 14, 1914—N SACRAMENTO 167-6
E Polk E 30xN 127-8 1/2. Ella Black-
man to S B Kress, Boscus Bros, J
A Miller, Atlas Heating & Ventila-
ting Co, E'er Motor Machine Co.,
.....Jan. 14, 1914

Feb. 16, 1914—SE MISSION 153-7 SW
Fair Ave SW 25xE 75. Louis and
Gittel Epstein to William F Yates
.....Feb. 16, 1914

Feb. 16, 1914—W BUCHANAN 65-8 1/2
S Clay S 31xW 107-6. W M Moran

to whom it may concern. Feb. 2, 1914
Feb. 16, 1914—SE BRODERICK &
Green S 27-6xE 105. Kate Luckett
to James F Fletcher.....Feb. 13, 1914
Feb. 16, 1914—SE POST & MASON
E 110xS 137-6. First Congrega-
tional Society of S F to Raiston
Iron Works.....Feb. 10, 1914
Feb. 17, 1914—E SIXTEENTH AVE 75
S Anza. John C Kirby to whom it
may concern.....Feb. 17, 1914
Feb. 17, 1914—N BUSH adj E side
Mills Bldg. frontage on Bush of
68-9. Ogden Mills to The Califor-
nia Constr Co.....Feb. 10, 1914
Feb. 17, 1914—N BUSH 171-10 1/2 W
Hyde W 34-6x137-6. Martin S
Show to L Gilbertson and F A
John.....Feb. 17, 1914
Feb. 17, 1914—E LARKIN 107 N Califor-
nia N 30-6xE 100. I Rosenberg
to Lacey Bros, Mollath Bros, L
Vannucci, Steur & Hurry, Acme
Planing Mill, Atlas Heating &
Ventilating Co, American Elec Co,
S Goldberg.....Feb. 13, 1914

Feb. 17, 1914—NE FULTON AND
Parker Av E 175xN 275. The Presi-
dent and Board of Trustees of
Saint Ignatius College to Forde-
r Cornice Works.....Feb. 10, 1914

Feb. 17, 1914—N EIGHTH AVE 144-6
S Lawton (L) S 28xW 110; W 8th
Ave 200-6 S Lawton (L) S 28xW
110. Harry B Allen & Laurence D
Allen and Fidelity Imp Co to whom
it may concern.....Feb. 11, 1914

Feb. 17, 1914—E LYON 85-0 1/2 S
Lombard S 25 E 101-4 1/2 N 24-1 1/2
W 100-5 1/2. M H Gnecco vs Louis
Blumberg and Marcus & Bonett. \$40

Feb. 17, 1914—E LEAVENWORTH
112-6 S Eddy S 25xE 87-6. Glasser
& Kloerens vs Jacob Vits and Burch
& Hoffman.....\$822

Feb. 17, 1914—N O'FARRELL 137-6
E Powell E 87-6xN 137-6. O S
Sarsi vs Gilbert Maxwell Anderson
.....\$210

Feb. 18, 1914—N GEARY 138 E Van
Ness Ave E 28xN 120. The Berger
Mfg Co. of California vs M M
Finlayson and J P Sweeney.....\$147

Feb. 17, 1914—LOT 114 BLK 24 Mis-
sion and 30th St. Hd or Missio-
Street Hd Union. M H Gnecco vs
William Beber and Marcus &
Bonett.....\$165

Feb. 18, 1914—W FIFTEENTH AVE
200 S Anza S 25xW 127-6. Eliza-
beth Peterson to whom it may con-
cern.....Feb. 17, 1914

Feb. 18, 1914—W COLE 23-8 1/2 N
Carmel N 25-1x100. Mary T Kevin
to whom it may concern.....

Feb. 18, 1914—W TWENTY-FIFTH
Ave 175 S California S 25xW 120.
John P Herlihy to Elmer J Mont-
gomery.....Feb. 16, 1914

Feb. 18, 1914—N ELLIS 97-6 W Mason
S 40xN 60. Charles C Judson Co
to Mortenson Constr Co. Feb. 16, 1914

Feb. 19, 1914—SW NAPLES AND
Rolph being SW Lot 1 Blk 14,
Crocker Amazon Tract N 29 deg 30
min E 41-47 to courses to right th
along curve 43.965 S 5 deg 20 min
30 sec W 85.45 N 60 deg 30 min W
53.60. Marko and Josephine Kai-
asich to Jno J Binet Co. Feb. 9, 1914

Feb. 19, 1914—SE PINE & POWELL
E 68-58x60. Donald Mowat, \$4010.13
J P Lorden Mill Co, \$4679.48 vs J
H Bollig and Geo H Stoffels.....

Feb. 19, 1914—SE PINE & POWELL
65-6x60. White Bros, \$308.36; Van
Arsdale Harris Co, \$530.86; J Behm

& Co, \$986; Brittain & Co, \$134.25 vs George H Stoffels and John H Bohlig
Feb. 19, 1914—LIEBIG NO. 79. A Cornelius to whom it may concern
.....Feb. 13, 1914
Feb. 20, 1914—N LOMBARD 168 W Powell 30x137-6. Primo Braghetta to De Benedetti & Cuneo.....
Feb. 20, 1914—N GREEN 116-3 1/2 W Jones W 47XN 120. John McGaw to C C W Haun.....Jan. 3, 1914
Feb. 20, 1914—W SPEAR AND HOWARD NW 137-6x5W 68-9. Orville C Pratt Jr to James S Fennell.....
.....Feb. 18, 1914
Feb. 20, 1914—S ELLIS 137-6 E Leavenworth E 27-6x137-6. A N Sherman to Petterson & Persson
.....Feb. 20, 1914
Feb. 20, 1914—S TWENTY-FIFTH 206-6 W Church. James F Long to James F Long.....Feb. 20, 1914

Ave 126 N Irving N 25xE 120. J S Guerlin & Co vs C Bellanca and Anna Bellanca\$53.10
Feb. 20, 1914—E THIRTY-SEVENTH Ave 125 N Irving N 25xE 120 OL 637. Pietro Santucci, \$209; D Alfonso, \$132 vs Anna Bellanca.....
Feb. 20, 1914—E NINETEENTH Ave 195-5 S Santiago S 29-7xE 120. The Greater City Lumber Co vs Mrs Elizabeth Greenlin.....\$70
Feb. 20, 1914—S LINCOLN WAY 57-6 W 15th Ave W 25xS 100. Bennett Bros, corpn vs Sol Getz & Sons, Inc, Martin O'Donnell, W P Hansen and H L Hansen.....\$65.08
Feb. 20, 1914—SE PINE & POWELL E 68-6xS 60. Hooper Lumber Co vs John H Bohlig and George H Stoffels\$246.53

OAKLAND AND ALAMEDA COUNTY.

LIENS FILED

San Francisco.

Feb. 6, 1914—S LINCOLN WAY 57-6 W 15th Ave W 25xS 100. Santa Fe Lumber Co vs L H Hansen.....\$48.15
Feb. 6, 1914—N BUSH 236-11 W Mason W 32-8xN 137-6. Geo A Burch and Victor Hoffmann (as Burch & Hoffmann Co) vs Julia A Cronan.....\$258.70
Feb. 7, 1914—SE PINE & POWELL E 68-6xS 60. Boscus Bros vs John H Bohlig & Lotta Bohlig.....\$3500
Feb. 7, 1914—N ANZA 81-6 E 24th Ave E 25xN 100. J G Taylor vs J F Haner, Tarbett & Knott and J J Bell\$44
Feb. 9, 1914—SW FOURTH 55 NW Folsom NW 25xSW 80. General Building Work Co vs Wm Van Herick and I Rude.....\$500
Feb. 10, 1914—NW TAYLOR AND California W 275 N 137-6 W 137-6 N 137-6 E 412-6 S 275. F L Lane vs Grace Cathedral Church and Beach-Robinson Co.....\$290
Feb. 13, 1914—W TWENTY-FOURTH Ave 140-4 N "B" N 75xW
Thos A Clark vs John S Lawrence\$188.75
Feb. 13, 1914—E SANCHEZ 425 S 30th S 25xE 125. Durable Paint & Color Co vs S Slatt and C C Anderson\$25
Feb. 14, 1914—E LEAVENWORTH 112-6 S Eddy S 25xE 87-6. Burch-Hoffman Co vs Jacob Vitis.....\$7162.26
Feb. 16, 1914—BDED W BY JONES, N by Sacramento, E by Taylor, S by California 50 vara Blk 218. C M Nickerson, \$8; Joseph Vollman, \$16; Roy Shader, \$117; Albert Erhard, \$163 vs Grace Cathedral Cpn and Bank Equipment Co.....
Feb. 17, 1914—BLK BDED ON W BY Jones, N by Sacramento, E by Taylor, S by California, 50 vara Blk 218. M F Hawkins vs Grace Cathedral Cpn and Bank Equipment Co\$36
Feb. 18, 1914—NE CALIFORNIA & Elrick Lane E 60xN 77-6. William Wade vs Michael Dempiak and Ludwig Beiss.....\$12
Feb. 18, 1914—S LINCOLN WAY 57-6 W 15th Ave W 25x120 m or l. Jos Beck vs Sol Getz & Sons, Inc, Martin O'Donnell, L H Hansen and H Moheim\$225
Feb. 19, 1914—E THIRTY-SEVENTH

RESIDENCE — 2 story and base, frame, \$10,000. Berkeley, Alameda Co, Cal. Architects, W. Garden Mitchell and Charles Edward Hodges, Bankers' Investment Bldg., S. F. Owner, Dr. David Hadden. The dwelling will be erected in Rock Ridge Park, and has been designed for an eight-room house with baths and sleeping porch. Interior finish will be of pine and redwood with some hardwood panels. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have tile floors and wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken on the work.

RESIDENCE — 2 story and base, frame, \$7,500. Oakland, Cal. Architect, William Knowles, Central Bank Bldg., Oakland, Owner, A. Vernon. The dwelling has been designed for a seven-room house and will be erected in Adams Point. Interior finish will be largely of pine and redwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room and kitchen will have tile wainscot. Composition floor will be used in the bath. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased through the office of the architect.

RESIDENCE — 2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, William A. Newman, David Hewes Bldg., S. F. Owner, Mr. Davis. The dwelling will be erected in Berkeley, and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and redwood with some oak floors. There will be furnace heat and open fire place. Mantel will be of tile or brick. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE — 2 story and base, frame. Cost not stated. Oakland, Cal. Architect, Charles W. McCall, Central

Bank Bldg., Oakland. Owner, H. H. Jewett. The dwelling will be erected on Euclid avenue, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be open fire places and tile mantels. Plans also provide for furnace heat. An automatic water heater will be installed. Bath room will be finished in tile and will have composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCE — 2 story and base, frame, \$2,500. Berkeley, Alameda Co, Cal. Architect, Leonard L. Ford, 2136 Center street, Berkeley. Owner, D. J. Horgan. The dwelling will be erected at the corner of Arch and Eunice streets, and will contain seven rooms and bath. All interior trim will be of pine or redwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire place. Mantel will be of tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame, \$4,000. Piedmont, Alameda Co, Cal. Architect, Claude B. Barton, Security Bank Bldg., Oakland. Owner, H. P. Houston. The dwelling will contain seven rooms, bath and sleeping porch. Interior will be finished in pine, redwood and hardwood veneer. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have composition floor and tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE — 2 story and base, frame, \$6,000. Berkeley, Alameda Co, Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Mr. Brownlee. The dwelling will be erected at the corner of Arch and Virginia streets, and has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be of pine, redwood and hardwood veneer. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater is specified. Bath room will have composition floor and tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are now nearly complete and figures will shortly be taken.

BUNGALOW — 1 story and base, frame, \$2,000. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, Al Wilkinson. The dwelling will contain five rooms and bath, and will be erected in the Country Club Heights. Interior will be finished in pine and redwood throughout. Oak floors will be used in two rooms. There will be a large open fire place in the living room with a tile or brick mantel. Tile will be used in the bath room and kitchen. Exterior of the

house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$3,600. Oakland, Cal. Architect, none. Owners, Fedt Bros, 528 25th street, Oakland. The dwelling has been designed for a seven-room house, and will be erected on Santa Rey avenue near Rosal. Interior finish will be of pine, redwood and hardwood veneer. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick or tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

APARTMENT HOUSE — 3 story and base, frame, \$30,000. Oakland, Cal. Architect, Joseph Cahen, 45 Kearny street, S. F. Owner's name withheld. The building will be erected on Perkins street at the corner of Grand avenue, and will cover a considerable ground area. There will be a total of 66 rooms in the building, which are to be arranged in two, three and four room suites, all with private bath and wall beds. Interior finish will be of pine and redwood with some hardwood veneer. Oak floors will be used in the living rooms. Plans provide for steam heat and a hot water system. Marble and tile will be used in the entrance. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath, rustic and shiplap. Plans are now being prepared.

APARTMENT HOUSE — 3 story and base, frame, \$25,000. Oakland, Cal. Architect, John Carson, Bacon Bldg., Oakland. Owners, Loewe and Fausse. The building will be erected at the corner of 10th and Madison streets. Interior will be arranged for a number of two and three room suites with private baths and wall beds. Interior finish will be of pine and redwood with some elm panels. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be faced with cement plaster on metal lath. Plans are nearly complete and work will shortly be started by Day Labor. All materials are now being purchased.

POST OFFICE — 2 story and base. Class A construction. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Supervising Architect, Oscar Wendroth, Washington, D. C. Owners United States Government. Bids opened in Washington on February 18th for the construction of this building show Frank Gallagher of San Francisco low on propositions 1 and 2 as follows, \$122,500 and \$122,400. Van Sant-Houghton Co. also of San Francisco, were low on propositions 3 and 4 as follows, \$128,000 and \$128,000. No contract has been awarded. A complete list of the bidders as received by special wire from the Supervising Architect's office will be found under the heading of Oakland and Alameda County in this issue.

RESIDENCE — 3 story and base, frame, \$6,000. San Francisco. Architect, Edward G. Bolles, 660 Market street, S. F. Owners, S. A. Horn Building Co., 660 Market street, S. F. The dwelling will be erected on lot 1 in the Sea Cliff Tract, and will contain eight rooms and two baths. Interior will be handsomely finished in pine and redwood with some hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. A clay tile roof will be used. Plans are complete and the work will be done by Day Labor.

RESIDENCE — 2 story and base, frame. Cost not stated. San Francisco. Architect, George A. Schastey, Monadnock Bldg., S. F. Owner, Abbott Hanks. The dwelling will be erected on the Presidio wall, and has been designed to contain eight rooms, two baths and sleeping porch. Interior will be finished in pine, blue gum and hardwoods. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. There will be an automatic water heater and other modern conveniences. Bath rooms will be finished in tile and will have composition floors. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE — 1½ story and base, frame, \$3,500. Oakland, Cal. Architect, none. Owners, East Bay Home Builders, Inc., 1754 Broadway, Oakland. The dwelling has been designed for an eight-room residence, and will be erected on the west side of Winsor street north of Lake Shore. Interior finish will be of pine, redwood and hardwood veneer. Oak floors are specified for the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials will be purchased by the owners.

RESIDENCE — 1 story and base, frame, \$3,000. Oakland, Cal. Architect, Hiram K. Lovell, South Berkeley Bank Bldg., Berkeley. Owner, Frank F. Lewis. The dwelling has been designed for a seven-room dwelling with bath and sleeping porch and will be erected on Grand avenue. Interior finish will be of pine and redwood with some hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and two open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCE — 2 story and base, frame, \$6,500. Berkeley, Alameda Co., Cal. Architect, Harris Allen, 2514

Hillegass avenue, Berkeley. Owner, J. W. McKibben. The dwelling will be erected on Piedmont avenue near Dwight Way, and has been designed for an eight-room house with baths and sleeping porch. Interior will be finished in pine, white enamel and hardwoods. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath rooms will be finished in tile and will have composition floors. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

SORORITY HOUSE — 3 story and base, frame, \$25,000. Berkeley, Alameda Co., Cal. Architect, William C. Hayes, Foxcroft Bldg., S. F. Owners, Alpha Tau Omega. This work was mentioned here several months ago when working drawings were first started. The building will cover an area of 50 by 70 feet, and will be designed for a large living room, library, study rooms and bed chambers. Interior will be finished in pine and hardwoods with oak floors in the principal rooms. Plans provide for furnace heat and large open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with rustic and shiplap. Plans are complete and figures are now being taken.

RESIDENCE — 2 story and base, frame, \$5,500. Berkeley, Alameda Co., Cal. Architect, Harris Allen, 2514 Hillegass avenue, Berkeley. Owner, C. E. Miller. The dwelling will be erected on Claremont Boulevard, and has been designed to contain seven rooms, two baths and a sleeping porch. Interior of the house will be finished in pine and hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and two open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE — 1 story and base, frame, \$2,500. Oakland, Cal. Architect, Hiram K. Lovell, South Berkeley Bank Bldg., Berkeley. Owner, Louis Bernstein. The dwelling will be erected on Grand avenue, and has been designed for a seven-room dwelling with bath and sleeping porch. Interior finish will be of pine and redwood with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. The sum of \$10 has been allowed for mantels. A Ruud water heater will be installed. Bath room will be finished in tile and will have composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

HOTEL AND STORES — 7 story and base, brick and steel, \$80,000. Oakland, Cal. Architects, Thomas & Oliver, Pantages Theatre Bldg., Oakland. Owner, Roger Coit. The building will be erected at the northwest corner of

14th and Harrison streets, and has been designed to contain several stores on the first floor while upper floors will be arranged for a total of 90 rooms and baths. Interior finish will be largely of pine with some hardwood and ornamental plaster in the lobby. Plans provide for steam heat, elevator service and a vacuum cleaning system. Bath rooms will have tile wainscot and composition floors. Tile and marble will be used in the stores and hotel lobby. Exterior of the building will be faced with pressed brick. All work will be carried on under the superintendence of F. A. Muller, Syndicate Bldg., Oakland, and he has already let contracts for the excavating and grading to J. M. Younger and F. M. Maestratti, and a contract for the steel to the Central Iron Works. Figures are now being taken on the balance of the work.

Award Contract On Reedley Sewer Work.

**Chambers & Heafey of Oakland Given
the Work. Five Other Contractors
Submitted Figures.**

Bids for the construction of a municipal sewer and water system in Reedley shows Chambers & Heafey of Oakland low on the work at \$27,768.45. A contract was awarded the firm. Other figures submitted were as follows:

Reedley Sewer System.

Chambers & Heafey, Oakland, \$27,768.45
N. Nickkevich, L. A., 36,073.40
Hall & Hunt, Fresno, 29,989.80
C. D. Vincent, Oakland, 31,539.00
William Heafey, S. F., 34,991.90

Bids on Water System.

Minneapolis Steel & Machinery Co.,
Salt Lake, Utah; Item No. 1 Steel tank
and tower, \$5246.
Samson Iron Works, Stockton, Cal.;
Item No. 3, \$2750.
Davis-Rogers Co., San Francisco;
Item No. 3, \$6645.
E. W. Redman, Fresno; Item No. 2,
\$11,966.50.

Western Pipe & Steel Co.; Item No. 1,
\$4550.

Chicago Bridge & Iron Works, San
Francisco; Item No. 1, \$4500.

Des Moines Bridge & Iron Wks., San
Francisco; Item No. 1, \$4950; alterna-
tive bid No. 1, \$4850; alternative bid No.
2, \$5270.

G. H. Blowers, Reedley, Cal.; Item No.
1, \$4370; (2) \$13,780; (3) Proposition
No. 1, \$7823; Prop. No. 2, \$7121; Prop.
No. 3, \$7280; Prop. No. 4, \$6436.

The bid of E. W. Redman was ac-
cepted on Item No. 2.

The bid of Des Moines Co was ac-
cepted on Item No. 1.

Item No. 3 has not yet been decided.
The bids accepted above were the low-
est which fully complied with the spec-
ifications.

This year's appropriation for the pos-
tal service carries with it 310 million
dollars. Since the adoption of the par-
cel post and free rural delivery the
Post Office Department has become
quite a little institution.

Bids Opened For Berkeley Post Office.

WASHINGTON, D. C., Feb. 19 (By Special Wire)—Bids opened here yesterday for construction of the Berkeley Post Office, California, showed that Frank Gallagher of San Francisco was lowest on Propositions 1 and 2 and that Van Sant-Houghton, San Francisco, were lowest on Propositions 3 and 4.

Bids were called on four propositions, as follows:

Proposition No. 1—Non-fire proof construction except 1st floor and lime stone except where granite and exterior marble are required.

Proposition No. 2—Non-fireproof except first floor using sand stone.

Proposition No. 3—Fireproof except roof, which shall be semi-fireproof using lime stone.

Proposition No. 4—Fireproof except roof, using sandstone.

The following is a complete list of bidders:

San Francisco Bidders.				
	No. 1	No. 2	No. 3	No. 4
Frank Gallagher.....	\$122,500	\$122,400	\$129,850	\$129,790
Clinton Fireproofing Co.	123,200	123,200	131,000	131,000
Van Sant-Houghton Co.	124,000	124,000	128,000	128,000
Isaac Penny.....	131,290	131,000	135,290	135,260
D. B. Farquharson.....	138,100	—	142,500	—
Grant Fee.....	135,000	133,000	149,000	147,000
Lewis A. Hicks Co.....	139,200	139,400	149,200	149,400
W. N. Concanon.....	141,600	141,600	—	—
J. T. Spencer.....	152,400	152,400	170,000	170,000
Oakland Bidders.				
Welch Bros.....	124,258	124,358	126,571	126,571
Christenson Bros.....	139,500	139,000	150,000	149,500
Thos. F. Dowd.....	145,000	—	159,000	—
Salt Lake Bldg.				
Campbell Bldg. Co.....	130,550	130,550	238,900	238,900
Omaha Bidder.				
J. H. Wise.....	133,180	135,180	141,415	143,415
Seattle Bidder.				
Sound Constr. & Eng. Co.	138,617	138,000	150,075	149,575
Pasadena Bidder.				
Eugene Schuler.....	150,000	155,000	159,800	165,800

Building Contracts Awarded

Oakland.

No.	Owner	Contractor	Amt.	Owner.....	Joe St. Mary, 9220 Almond, Oakland.
332	St. Mary	St. Mary	1150	Architect.....None.	Day's work.
333	Baird	Walker	2000		COST, \$1150
334	Derenzo	Knjawa	1000	(333) S GRACE 486 E Fruitvale Ave., Oakland. One-story 6-room dwlg.	
335	Parente	Knjawa	2300	Owner.....P. E. Baird, 1613 Telegraph Ave., Oakland.	
336	Pregno	Pregno	500	Architect.....None.	
337	Blake	Kahre	400	Contractor.....W. A. Walker, 1613 Telegraph Ave., Oakland.	
338	Quilley	Darrak	1300		COST, \$2000
339	St. Mary	St. Mary	1150	(334) NO. 356 MYRTLE, Oakland. One story 3-room dwelling.	
340	Batteata	Faulkes	2750	Owner.....J. Derenzo, Premises.	
341	Vander Nallien	Campomenosi	400	Architect.....None.	
342	Baker	McTye	5000	Day's work.	COST, \$1000
343	Biddle	Biddle	500	(325) S DANTE AVE 100 W 100th Ave., Oakland. Two-story 9-room dwelling.	
344	Van Sicklen	Swalley	400	Owner.....G. Parente, E-14th & 47th Ave., Oakland.	
347	Larmer	Larmer	2500	Architect.....None.	
348	McKeeves	Dean	500	Contractor.....J. P. Knjawa, 1933 69th Ave., Oakland.	
349	Brown	Sydes	1600		COST, \$2300
354	Sill	Loughery	1250	(336) N FIFTY-FIRST 185 W Manila, Oakland. One-story store room.	
355	Anderson	McTye	5000	Owner.....C. Pregno, 644 51st, Okd.	
357	Meads	Murdoch	500	Architect.....None.	
359	Bush	Reardon	400	Day's work.	COST, \$500
360	Ralston	Knight	400	(337) NO. 1121 WASHINGTON, Oak-land, Marquee.	
361	Kosum	Waddell	1000	Owner.....Blake Esate Co.	
362	Adams	Brakett	2500	Architect.....None.	
363	Hanson	Anderson	5000	Contractor.....Louis Kahrs.	
364	Federal Rlty	Fuller	4550		COST, \$400
365	Fedi	Selt	3600		
366	Silva	Silva	4500		
367	Johnson	Johnson	4500		
371	Coit	Muiler	80000		
372	Gustafson	Gustafson	1200		
374	Ghiglione	Valente	15420		
376	Santa Fe	Fellows	20000		
377	Knightslinger	Crow	1000		
378	Stahl	Stahl	1700		
379	Keeler	Brown	2000		
380	East Bay Bldrs	Owner	3500		
381	Farley	Dingwall	2703		
383	Coit	Younger	1363		
389	Bloodsworth	Chodrick	1200		
390	Trimlett	Trimlett	2200		
391	Wixson	Jackson	1000		
392	Lowe	Faust	25000		
393	Ghiglione	Valente	15430		
394	Skinner	Legriss	2100		
395	Bennett	Poss	1535		

(332) E NINETY-SECOND AVE 120 N Almond, Oakland. One-story 4-room dwelling

(328) NE FIFTY-FIFTH & DOVER, Oakland. One-story 5-room dwlg. Owner.....Miss J. Quigley. Architect...None. Contractor...J. F. Darrak, 1632 15th Ave, Oakland. COST, \$1800

(329) E NINETY-SECOND AVE 90 N Almond, Oakland. One-story 4-room dwelling. Owner.....Joe St. Mary, 9220 Almond, Oakland. Architect...None. Day's work. COST, \$1150

(340) S CHERRY 200 W 96th Ave., Oakland. One-story 6-room dwelling. Owner.....N. J. Battista, 1725 96th Ave., Oakland. Architect...None. Contractor...Jno. R. Faulkes, 9528 E-14th, Oakland. COST, \$2750

(341) NO. 6008 OCEAN VIEW DRIVE, Oakland. Garage. Owner.....L. Vander Nallen, Prem. Architect...None. Contractor...E. Campomenosi, 5174 Miles Ave., Oakland. COST, \$400

(342) NO. 86 MONTE VISTA AVE., Oakland. Garage. Owner.....Mrs. C. F. Baker, Premises. Architect...None. Contractor...Wm. L. Boldt, 2610 Grove, Berkeley. COST, \$350

(345) NO. 5671 DOVER, Oakland. Addition. Owner.....Mrs. K. E. Biddle, Prem. Architect...None. Day's work. COST, \$500

(346) NO. 820 CALMAR AVE., Oakland. Garage. Owner.....Jno. Van Sicklen, Prem. Architect...None. Contractor...H. M. Swalley, 745 Grand Oakland. COST, \$400

(347) S TAFT AVE 160 E Broadway, Oakland. One-story 6-room dwlg. Owner.....Ed. Larmer, 470 Boulevard Way, Oakland. Architect...None. Day's work. COST, \$2500

(348) NO. 2275 E-FIFTEENTH, Oakland. Alterations. Owner.....E. McKeeves, Premises. Architect...None. Contractor...C. M. Dean, 2206 23rd Ave., Oakland. COST, \$500

(349) N SAN JUAN 50 W Rosedale, Oakland. One-story 5-room dwelling. Owner.....J. G. Brown, 1907 57th, Okd. Architect...None. Contractor...E. C. Sydes, 1807 Rosedale Ave., Oakland. COST, \$1600

(354) NW THIRTY-SECOND AND Grove, Oakland. All work for two-story dwelling. Owner.....J. F. Sill, 3202 Grove, Okd. Architect...None. Contractor...J. F. Loughery, 705 31st, Oakland. Filed Feb. 17, '14. Dated Feb. 16, '14.

Frame up\$320
Rough plastered 320
Completed and accepted 320
When receipts for all bills are shown 330
TOTAL COST, \$1290
Bond, \$700. Surety, Elizabeth Loughery Limit, 75 days. Forfeit, none. Plans and specifications filed.

(356) NE ELEVENTH & FRANKLIN E 100xN 37-6, Oakland. Lathing and plastering for six-story steel frame hotel. Owner.....E. Anderson, San Leandro, Architect...Wm. Wilde, Albany Bk., Oakland. Contractor...W. E. McTye, Oakland. Filed Feb. 17, '14. Dated Feb. 16, '14. 1st day of each month 75%
Usual 35 days 25%
TOTAL COST, \$5600
Bond, \$2850. Surety, Chicago Bonding & Surety Co. Limit, 22 days. Forfeit, \$20. Plans and specifications, none.

(357) NO. 1635 NINETY-SECOND AVE Oakland. Tank frame. Owner.....J. O. Meads, Premises. Architect...None. Contractor...L. W. Murdock, 1310 Webster, Oakland. COST, \$500

(359) NO. 341 LAGUNA AVE, Oakland Garage. Owner.....Dr. Alice Bush, Premises. Architect...None. Contractor...Readon-Crist Constr. Co., Oakland Bank of Svgs, Bldg., Oakland. COST, \$400

(360) NO. 4325 WEBSTER, Oakland. Addition. Owner.....W. E. Ralston, 4808 Webster, Oakland. Architect...None. Contractor...H. C. Knight, 522 25th, Oakland. COST, \$400

(361) — BARTLETT AVE 600 S Knight, Oakland. Tank frame. Owner.....H. Kosemi. Architect...None. Contractor...R. P. Waddell, 1014 Franklin, Oakland. COST, \$400

(362) N WALNUT AVE 53 E Courtland Ave., Oakland. One-story 6-room dwelling. Owner.....E. Adams, 2152 Telegraph Ave., Oakland. Architect...None. Contractor...L. E. Brackett, 450 36th, Oakland. COST, \$2500

(363) W CLAY, bet 3rd and 4th, Oakland. Two-story brick warehouse. Owner.....Hanson & McDermed, 498 Clay, Oakland. Architect...None. Contractor...Jno. Anderson, 1424 Broadway, Oakland. COST, \$5000

(364) PT 32.27 FROM W BROADWAY and E Telegraph Ave N 108.32 NW 36.56 S 104 SE 8.70, Okd. Glass work and setting for 12-story and basement Class "A" office building. Owner.....Federal Realty Co. Architect...B. G. McDougall, Sheldon Bldg., San Francisco.

Contractor...W. P. Fuller & Co., 10th and Alice, Oakland. Filed Feb. 18, '14. Dated Feb. 11, '14. Once an month 75%
Usual 35 days 25%
TOTAL COST, \$4850
Bonds, \$2425 and \$2425. Surety, Massachusetts Bonding & Insurance Co. Limit, 100 days. Forfeit, \$125. Plans and specifications filed.

(365) W SANTA RAY AVE 150 S Rosal Ave., Oakland. Two-story 7-room dwelling. Owner.....Fedi Bros., 528 25th, Okd. Architect...None. Day's work. COST, \$3600

(366) NO. 1532 BROADWAY, Oakland. Alterations. Owner.....R. J. Silva. Architect...None. Day's work. COST, \$450

(367) W SAN PABLO AVE 50 N 27th, Oakland. Two-story 7-room dwelling and store. Owner.....Ben O. Johnson, 2014 E-30th, Oakland. Architect...None. Day's work. COST, \$4500

(371) NW FOURTEENTH AND HARRISON, Oakland. Seven-story 90-room brick hotel and stores. Owner.....Roger Colt, 1522 Broadway Oakland. Architect...Thomas & Oliver, Pantages Bldg., Oakland. Contractor...F. A. Muller, 505 Syndicate Bldg., Oakland. COST, \$80,000

(372) NOS. 1026-25 LINDEN, Oakland. Alterations. Owner.....Mrs. A. Gustafson, 2654 Harrison, Oakland. Architect...None. Contractor...Alfred Gustafson, 2654 Harrison, Oakland. COST, \$1200

(374) NW COLLEGE AVE & FOREST, Oakland. Two-story 18-room apartments and 5 stores. Owner.....Frank Ghiglione, 5629 College Ave., Oakland. Architect...None. Contractor...M. E. Valente, 5882 Vallejo Oakland. COST, \$15,430

(376) COR. FIRST AND ALICE, Oakland. Two-story office and warehouse. Owner.....Atchison, Topeka & Santa Fe Railway, Los Angeles. Architect...None. Contractor...C. A. Fellows, Los Angeles. COST, \$20,000

(377) NO. 430 ALCATRAZ AVE (rear) Oakland. One-story 3-room dwlg. Owner.....W. L. Kightlinger, Prem. Architect...None. Contractor...J. W. Crowe, 511 56th, Oakland. COST, \$1000

(378) E CROSBY AVE 280 S Harper. Oakland. One-story 5-room dwlg. Owner.....Chas. Stahl, 2024 Crosby Ave., Oakland. Architect...None. Day's work. COST, \$1700

(379) N MELROSE AVE 65 E 45th Ave., Oakland. One and one-half-

story 6-room dwelling.
Owner.....A. W. Keeler, 4516 Melrose Ave., Oakland.
Architect...None.
Contractor...W. C. Brown, 1624 64th Ave., Oakland.
COST, \$2000

(380) W WINSOR 300 N Lake Shore, Oakland. One-story 6-room dwlg.
Owner.....East Bay Home Bldrs, Inc., 1754 Broadway, Oakland.
Architect...None.
Day's work. COST, \$3500

(381) W ASHMORE AVE being ptn Lot 206 Map Crocker Highlands, Oakland. Excavations, foundations, tile, porches, brick work, carpenter and mill work, lathing, plastering, exterior metal lath and plaster, lumber, stairs, glass and glazing, electric wiring, bells, mantels, plumbing, gas piping, sewerage, tinning, galvanized iron and brick steps for two-story and attic and basement dwelling.
Owner.....Anne J. Larkey, Oakland.
Architect...Milwain Bros., Delger Bldg., Oakland.
Contractor...J. F. Dingwell, 2021 West.

Filed Feb. 19, '14. Dated Feb. 16, '14.
Concrete foundations in.....\$2500.00
Frame up and partitions set. 3000.00
Sheathed and window frames set 3000.00
Rough plastered 4351.50
Completed and accepted..... 6425.75
Usual 35 days..... 6425.75
TOTAL COST, \$25,703.00

Bond, \$12,852. Surety, Aetna Accident & Liability Co. Limit, 200 days. Forfeit, none. Plans and specifications filed.

(388) NW FOURTEENTH AND HARRISON 40x106, Oakland. Excavation for seven-story steel and brick hotel.
Owner.....Roger Colt, 1522 Broadway, Oakland.
Architect...Thomas & Oliver, Pantages Bldg., Oakland.
Contractor...F. A. Muller, 805 Syndicate Bldg., Oakland.
Sub-Contractor...J. M. Younger and F. M. Malstretti, 1506 89th Ave., Oakland.

Filed Feb. 20, '14. Dated Feb. 19, '14.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$1363.70
Bond, none. Limit, 20 days. Forfeit, none. Plans and specifications, none.

(389) N VICKSBURG 75 E 50th Ave., Oakland. One-story 5-room dwlg.
Owner.....J. W. Bloodsworth, 5005 Congress Ave., Oakland.
Architect...None.
Contractor...G. Chodrick, 2200 48th Ave., Oakland.
COST, \$1200

(390) E HIGH 265 N Virginia, Oakland. One-story 6-room dwelling.
Owner.....Robert Trimlett, 1834 65th Ave., Oakland.
Architect...None.
Day's work. COST, \$2200

(391) NO. 5673 SAN PABLO AVE., Oakland. Addition.
Owner.....R. S. Wixson, 5679 San Pablo Ave., Oakland.
Architect...None.
Contractor...A. Jackson, 1049 54th, Okd
COST, \$700

(392) NE TENTH AND MADISON, Oakland. Three-story 51-room apartments.
Owner.....Loewe & Faust, 1342 Regent, Alameda.
Architect...John Carson, Bacon Bldg., Oakland.
Day's work. COST, \$25,000

(393) NW COLLEGE AND FOREST, Oakland. All work for two-story frame stores and apartments.
Owner.....Frank Ghiglione, 5629 College Ave., Oakland.
Architect...None.
Contractor...M. E. Valente, 5882 Vallejo Bldg., Oakland.

Filed Feb. 21, '14. Dated Feb. 15, '14.
2nd floors joists in.....\$3020
Roof on and windows in..... 2100
Plastered 3100
Completed 3100
Usual 35 days..... 3100
TOTAL COST, \$15,430
Bond, Cash \$7715 Limit, 120 days. Forfeit, none. Plans and specifications filed.

NOTE:—First report Feb. 21st, No. 374

(394) E LAWTON AVE., bet Hudson and Clifton, Oakland. All work for one-story dwelling.
Owner.....R. M. Skinner, 570 16th, Oakland.
Architect...None.
Contractor...L. H. Legris, 612 44th, Oakland.

Filed Feb. 21, '14. Dated Feb. 5, '14.
Frame up\$525
Brown coated 525
Completed 525
Usual 35 days..... 525
TOTAL COST, \$2100
Bond, none. Limit, 60 days. Forfeit, \$1. Plans and specifications filed.

(395) NE E-FOURTEENTH AND SE Fourth Ave SE 35xNE 100, Oakland. Add to two-story flats.
Owner.....Chas. Bennett, 404 E-14th, Oakland.
Architect...F. D. Voorhees, Central Bank Bldg., Oakland.
Contractor...Cornelius C. Foss, 1242 1st Ave., Oakland.

Filed Feb. 21, '14. Dated Feb. 21, '14.
Plastered\$500
Completed and accepted..... 500
Usual 35 days..... 535
TOTAL COST, \$1535
Bond, \$750. Surety, American Surety Co. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

NOTICE OF NON-RESPONSIBILITY.

Feb. 20, 1914—LOT 13 BLK 5 Map 4th Avenue Heights, Okd. Alta Piedmont Land Co as to improvements on leased property.....
Feb. 20, 1914—LOT 25 BLK 5 Map 4th Avenue Heights, Okd. Alta Piedmont Land Co as to improvements on leased property.....

Building Contracts Awarded
Berkeley.

No.	Owner	Contractor	Amt.
343	Kinney	Kinney	1500
344	Eveleth	Eveleth	3800
350	Hodge	Thompson	500
351	O'Brien	Lundgren	425
352	G G Gas	Kollmer	1276
353	Reid	Hughson	1585
355	Clark	Porter	1565
358	Reid	Hughson	600
368	Theta XI	Barry	16000

369	United Builders	Owner	1500
370	Same	Same	1500
373	Burkhalter	Nelson	5000
375	Roe	Roe	3500
387	Ala Co Home	Peske	2250

(343) N CARLTON 360 E Mabel, Berkeley. One-story 5-room dwelling.
Owner.....C. H. Kinney, 5788 Vincente, Oakland.
Architect...None.
Day's work. COST, \$1500

(344) N RUSSELL 48 E Piedmont Ave., Berkeley. Two-story 8-room dwlg.
Owner.....Alice A. Eveleth, 2830 Hillegass Ave., Berkeley.
Architect...Olin S. Grove, 2911 Telegraph Ave., Berkeley.
Day's work. COST, \$3800

(350) SW FAIRVIEW AND ADELIN, Berkeley. Alterations.
Owner.....Hodge Estate, South Bkly.
Architect...None.
Contractor...E. A. Thompson, 660 60th, Oakland.
COST, \$500

(351) NOS. 2226-8 BYRON, Berkeley. Addition.
Owner.....J. C. O'Brien.
Architect...None.
Contractor...Henry Lundgren, 1110 Parker, Berkeley.
COST, \$425

(352) S CARLETON 105 W Seventh, Berkeley. One-story factory.
Owner.....Golden Gate Gas Traction Co., 2716 Grove, Berkeley.
Architect...None.
Contractor...Jacob Kollmer, 2753 Piedmont Ave., Berkeley.
COST, \$1276

(353) E CALIFORNIA 95 N Fairview 40x50, Berkeley. All work except cement sidewalk, plumbing, electric wiring and fixtures (to be supplied by owner) for one-story 4-room dwlg.
Owner.....James A. Reid by Robert Reid, Agent, Berkeley.
Architect...None.
Contractor...Hughson & Donnelly, 1605 Stuart, Berkeley.

Filed Feb. 17, '14. Dated Feb. 9, '14.
Frame up\$525
Plastered 525
Completed and accepted..... 535
TOTAL COST, \$1585
Bond, none. Limit, 70 days after Feb. 13. Forfeit, \$1. Plans and specifications filed.

(355) S HEARST AVE 96-3 E Shattuck Ave E 50xS 124-6, Berkeley. Carpenter work, shingling, plumbing, plastering, brick work, painting and papering for alterations to two-story dwelling.
Owner.....Mrs. Dora E. Clark, 152 Spruce, Berkeley.
Architect...None.
Contractor...Porter Bros., 1914 Vine, Berkeley.

Filed Feb. 17, '14. Dated Feb. 11, '14.
Ready for lath.....\$390
Plastered 390
Completed and accepted..... 390
Usual 35 days..... 395
TOTAL COST, \$1565
Bond, \$800. Surety, Massachusetts Bonding & Insurance Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(358) E CALIFORNIA 95 N Fairview, Berkeley. One-story 4-room dwlg.

Wybro

Veneered Panels that
ARE good---order
today from

White Brothers

5th and Brannan Streets

San Francisco

Panels of Quality.

Few Panels on the market enjoy such wide reputation as do the Wybro Panels.

None however compare with the Wybro Panels in point of quality and smooth finish.

Wybro Panels are QUALITY Panels through and through.

Owner....R. Reid, 1601 Fairview, Berkeley.

Architect...None.

Contractor...Hugson & Donnelly, 1608 Stuart, Berkeley.

COST, \$500

(368) SW LE COUNT & LA LORMA, Berkeley. Three-story 20-room fraternity house.

Owner.....W. Alexander (lessee) Theta Xi Fraternity, 1729 Euclid Ave., Berkeley.

Architect...Drysdale & Thomson, Sharon Bldg., S. F.

Contractor...Barry Bldg. Co., 2527 Market, Oakland.

COST, \$15,000

(369) E BAKER 280 S Prince, Berkeley. One-story 5-room dwelling.

Owner.....United Home Builders, 1762 Broadway, Oakland.

Architect...None.

Day's work. COST, \$1500

(370) E BAKER 200 N Prince, Berkeley. One-story 5-room dwelling.

Owner.....United Home Builders, 1762 Broadway, Oakland.

Architect...None.

Day's work. COST, \$1500

(373) NE DANA AND WOOLSEY E 40xN 102-8, Berkeley. Cement and concrete work, brick work, excavation, grading, carpenter work and mill work for two-story and basement apartments.

Owner.....C. M. Burkhalter, Cor. Woolsey and Dana, Bkly.

Architect...J. W. Plachek, Acheson Bldg., Berkeley

Contractor...H. P. Nelson, 2241 Grove, Berkeley.

Filed Feb. 20, '14. Dated Feb. 13, '14.

Frame up\$1600

Plumbing roughed in and electric work completed..... 1600

Plastered 1600

Completed and accepted..... 1600

Usual 35 days..... 1600

TOTAL COST, \$8000

Bond, \$4000. Surety, William and Laura B. Nelson. Limit, 90 days. Forfeit, \$10 per day. Plans and specifications filed.

(375) SW THE ALAMEDA & TACOMA Ave., Berkeley. Two-story 7-room dwelling.

Owner.....Nellie Roe, 1755 San Pedro Ave., Berkeley.

Architect...None.

Contractor...A. A. Roe, 1755 San Pedro Ave., Berkeley.

COST, \$3500

(387) W JEFFERSON 150 N Channing Way N 34xW 130, Berkeley

All work for one-story dwelling.

Owner.....Alameda County Home Bldrs., Inc., 1st National Bank Bldg., Berkeley.

Architect...None.

Contractor...F. R. Peake Co., 2127 University ve., Berkeley.

Filed Feb. 20, '14. Dated Feb. 12, '14.

Frame up 1/2

Rough plastered 1/2

Completed 1/2

Usual 35 days..... 1/2

TOTAL COST, \$2250

Bond, none Limit, 60 days. Forfeit, \$1. Plans and specifications filed.

Building Contracts Awarded

Alameda.

No.	Owner	Contractor	Am't.
382	Davies	Roberts	1400
383	Ranbach	Arada	500
384	Notre Dame	Smith	500
385	Laughlin	Noble	2500
386	Seh	Noble	1000

(382) EIGHTH MASTICK, Alameda One-story 4-room dwelling.

Owner.....A. E. Davies, 150 Lake, Oakland.

Architect...None.

Contractor...P. L. Roberts.

COST, \$1400

(383) NO. 1505 PACIFIC AVE., Alameda. Alterations.

Owner.....R. Ranbach, Premises.

Architect...None.

Contractor...Thos. Arada, 861 Oak St., Alameda.

COST, \$500

(384) CHESTNUT AND SAN JOSE, Alameda. Addition.

Owner.....Sisters of Notre Dame

Architect...None.

Contractor...J. W. Smith, 2109 Santa Clara Ave., Alameda.

COST, \$500

(385) NO. 1143 BAY, Alameda. Two-story 6-room dwelling.

Owner.....J. Laughlin, Care 2220 Central Ave., Alameda.

Architect...None.

Contractor...G. H. Noble, 2220 Central Ave., Alameda.

COST, \$2500

(386) NO. 2222 CENTRAL AVE., Alameda. Garage.

Owner.....Carl Seh, Premises.

Architect...None.

E. H. Williams

Chalmer Munday

Munday & Williams

Attorneys-at-Law

Special Attention Given to Building
Law and Bankruptcy Cases

Telephone Kearny 2622

615 Phelan Building,

San Francisco

Contractor...Geo. H. Noble, 2320 Central Ave., Alameda.

COST, \$1000

COMPLETION NOTICES.

ALAMEDA COUNTY.

Feb. 14, 1914—NW FORTY-FIFTH Ave and Ygnacio Ave NW 104xNE 30, Okd. Gertrude E H Romine to W J Sims.....Feb. 7, 1914

Feb. 14, 1914—LOT 15 BLK "B" Map Scenic Blvd Knoll, Okd. John W Painter to F L Burnett.....Feb. 17, 1914

Feb. 16, 1914—S SUMMER 324 E Spruce E 50xS 135, Bkly. Geo K Holloway Sr to whom it may concern.....Feb. 9, 1914

Feb. 16, 1914—LOTS 29 AND 30 BLK "C" Map Rsdv'n of Kinsell Tract, Elmhurst, Brooklyn Tp. Mary J Brand to Merritt Allen.....Feb. 12, 1914

Feb. 16, 1914—LOT 15 except 8 10 ft Blk 2 Amended Map Thousand Oaks Court, Bkly. Patrick-Nelson Bldg Co to whom it may concern.....Feb. 13, 1914

Feb. 18, 1914—E SEVENTY-EIGHTH Ave 200 S Rusdale, Okd. Philip Cannoy to A J Bellefontaine.....Nov. 29, 1913

Feb. 19, 1914—NW THIRTEENTH and Franklin 40-6x75, Okd. F G Jones vs States Savings Bank.....\$98.25

Feb. 19, 1914—NW BROADWAY & N 26th E 152.63 N 233.20 E 199.94 S 52.13 th 187 to pt beg. Oakland. Angiolio Peri to First Presbyterian Church of Oakland.....\$61

Feb. 19, 1914—LAND BDED ON E and N by San Luis Road; W. NW and SW by Arlington Road, S by Blk 2 Map Arlington Villa Sites, Oakland Tp. Wm Makin, \$2654; Pacific Mfg Co, \$3179.15 to J H Spring.....Feb. 13, 1914

Feb. 19, 1914—LOT 27 Vernon Park "V" being No. 5925 Keith Ave. (Okd. G H S Harding to C H Warren.....Feb. 14, 1914

Feb. 19, 1914—W FRANKLIN 50 N 11th, Okd. Samuel Ginsberg and Albert Elkus to Walter Snel & Son.....Feb. 11, 1914

Feb. 20, 1914—W SPRUCE 472.38 N Eunice N 40xW 134.69, Berkeley. Georgia Willson McCluskey to whom it may concern.....Feb. 17, 1914

Feb. 20, 1914—W SPRUCE 432.28 N Eunice N 40xW 134.69, Berkeley... Georgia Willson McCluskey to whom it may concern.....Feb. 17, 1914

Feb. 20, 1914—S FORTY-THIRD 100 E San Pablo Ave E 40x100, Emeryville. James H Young to whom it may concern.....Feb. 10, 1914

Feb. 20, 1914—W SPRUCE 553 N

Eunice N 40xW 134.69, Berkeley.
Georgia Wilson McChesney to
whom it may concern...Oct. 25, 1913

LIENS FILED.

ALAMEDA COUNTY.

Feb. 4, 1914—LOT 2 BLK "C" Official
Map Elmerest, Okd. M D Horner
vs Fay J Corum and Martha Corum
.....\$65.60

Feb. 9, 1914—NW CENTRAL AVE
and Willow W 75 N 143½ W 25 N
34 E 100 E 177½, Ala. Ernest L
Thompson vs George A Young and
A W Cooper.....\$69

Feb. 13, 1914—LOT 2 BLK "C" Map
Elmerest, Okd. Hogan Lumber Co
vs F J and Martha Corum....\$400.22

Feb. 13, 1914—LOT 58 Map Rsbv
Peralta Park, Bkly. Hogan Lumber
Co vs E B and Alberta Fontaine
and C M Blabon.....\$277.37

Feb. 13, 1914—LOT 8 BLK 17 Map
Melrose Heights, Okd. Hodge-Collins
Lumber Co vs William A.
Myrtle and Andrew Le Baron and
H A Pleitner Jr, Christine S Pleitner,
C S Morse & S A Lowell...\$113.85

Feb. 13, 1914—LOT 118 Map Fremont
Tct, Okd. Hodge-Collins Lumber
Co vs S T and Kate Holmes, L J
Pessio, G Lavaggio and N Stagnaro
.....\$145.49

Feb. 14, 1914—LOT 58 Map Rsbv
Peralta Park, Bkly. Pacific Mfg Co
vs C M Blabon.....\$185.36

Feb. 14, 1914—PACIFIC AVE AND N
Mountain Ave NE 35.90 NW 74.76
SW 78.5 E to pt bce, Piedmont. G
A Scott vs B Mc A Dunn.....\$78.45

Feb. 14, 1914—SW 40 LOT 14 BLK
"C" Map Piedmont Vista, Piedmont.
Hogan Lumber Co vs Lundberg &
Courtright and Dora M De Benedetti
.....\$162.88

Feb. 14, 1914—NE TWENTY-FIFTH
and Telegraph Ave 47 4x99, Okd.
C Carnevali Marble & Mosaic Co vs
Annie M Spelman and Ed Sommarstrom
.....\$392.70

Feb. 14, 1914—NE TWENTY-FOURTH
and Webster E 100xN 58.60, Okd.
C Carnevali Marble & Mosaic Co vs
C V Norcross and Leo Nichols....\$58.50

Feb. 16, 1914—LOT 20 AND NE PTN
Lot 21 Map Key Route Heights,
Okd. C H Greaves vs Jean and L
McDonald and O C Cooley.....\$36.50

Feb. 16, 1914—LOT 58 Map Rsbv
Peralta Park, Bkly. The California
Door Co vs C M Blabon, E B and
Alberta Fontaine.....\$174.60

Feb. 16, 1914—NE TELEGRAPH AVE
and 25th N 47-4x E 99, Okd. Geo H
Tay Co vs Annie M Spelman and
Wara Bros.....\$192.48

Feb. 16, 1914—NE TELEGRAPH AVE
and 25th N 47-4x E 99, Okd. L D
Frazee, \$855; Wara Bros, \$1875.02
vs Annie M Spelman.....\$27.97

Feb. 17, 1914—NW DWIGHT WAY
and Waring N 169xW 162½, Bkly.
W J Biddle vs C L Cory.....\$305

Feb. 18, 1914—LOT 58 Map Rsbv
Peralta Park, Bkly. Strable Mfg
Co vs E B and Alberta Fontaine,
Viola E Studer and C M Blabon.....\$27.97

Feb. 19, 1914—LOT 118 Map Fremont
Tct, Okd. Walter F Lloyd vs
Frank P Holmes.....\$31.65

SAN JOSE & SANTA CLARA CLARA VALLEY.

CITY HALL—2 story and base, reinforced concrete, \$40,000. San Mateo, San Mateo Co, Cal. Architects, Havens & Toepke, 46 Kearny street, S. F. Owners, City of San Mateo. Bids opened for this work show Caldwell & Wisnom low on the general construction at \$32,128; Snook & Co. low on the plumbing and heating at \$4,057, and J. F. Killelea low on the painting at \$1,090. Contracts will probably be awarded these firms. A complete list of the bids received will be found under the heading of San Jose and the Santa Clara Valley in this issue.

RESIDENCES—1 and 2 story, frame. Cost not stated. San Jose, Santa Clara Co., Cal. Architects, none. The following Day Labor jobs are reported as about to be started in San Jose: S. B. Druck, East Jerome near Second, five-room cottage, \$1,000; Pasquel Caputo, 442 Royal avenue, four-room cottage, \$850, and L. Hart and Son, southeast corner Market and Santa Clara, alterations, \$2,000.

San Mateo City Hall Bids Are Opened.

Caldwell & Wisnom Will be Awarded
the General Construction, Plumbing
Goes to Snook & Co.

Bids opened for the construction of the San Mateo City Hall show Caldwell & Wisnom low on the general construction at \$32,128, Snook & Co. low on the plumbing and heating at \$4,057 and J. F. Killelea low on the painting at \$1,090. Contracts were awarded the low men. The following figures were submitted. Plans were prepared by Architects Havens & Toepke, 46 Kearny Street.

General Construction.

McLaren & Peterson.....	\$33,750
Caldwell & Wisnom.....	32,128
Caldwell & Son.....	33,330
Ruegg Bros.....	33,790
Pringle-Dunn & Co.....	37,500
J. H. Wilson.....	33,300

Plumbing and Heating.

L. A. Stark.....	\$4,123
E. C. Cottier.....	4,175
J. Looney Co.....	4,283
Peterson-James Co.....	4,248
Snook & Co.....	4,057

Painting.

Cook Decorating Co.....	\$1,920
J. F. Killelea.....	1,090

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

E JEROME, 2nd Lot E Delmas Ave., San Jose. Five-room cottage.
Owner.....S. B. Druck, Premises.
Architect.....None.
Day's work. COST, \$1000

NOS. 168-170 S-FIRST ST., San Jose.
Remodeled front.
Owner.....Henry C. Doerr, Premises.
Architect.....None.
Contractor, Z. O. Field, 167 S-14th St., San Jose.
COST, \$1295

NO. 412 ROYAL AVE., San Jose. Four room cottage.
Owner.....Pasquel Caputo, Premises.
Architect.....None.
Day's work. COST, \$850

SE MARKET AND SANTA CLARA
Sts., San Jose. Remodeling store.
Owner.....L. Hart & Son Co., Prem.
Architect.....None.
Day's work. COST, \$2000

NO. 508 S-SIXTH ST., San Jose. One and one-half-story barn.
Owner.....N. O. Bozette, Premises.
Architect.....None.
Day's work. COST, \$100

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
Feb. 13, 1914—LOT 20 BLK 18,
Crocker Estate Tract, W F Dreyer
to whom it may concern, Feb. 9, 1914
Feb. 13, 1914—LOT 75 x100 SE PARK
Road and Hayswater Ave, Burlingame, J A Lynden to W B Eaton
.....Feb. 9, 1914

CESSATION OF LABOR.

SAN MATEO COUNTY.

Feb. 16, 1914—LOT 1 BLK 1, Crocker
Estate Tract, Daly City, Julia
Donovan with James S O'Brien..
Work ceased for 30 days dated..
.....Feb. 14, 1914

LIENS FILED.

SAN MATEO COUNTY.

RECORDED AMOUNT
Feb. 17, 1914—MYRTLE & PARK
Ave, Daly City, Samuel Saari vs
M and Lena Berman (formerly
Lena Greenberg)\$586.55

LIENS RELEASED.

SAN MATEO COUNTY.

RECORDED AMOUNT
Feb. 17, 1914—LOT "B" BLK 1, City
of Burlingame, No. 1419 Burlingame Ave, Gladding McBean & Co
to E Quagell.....\$370

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESIDENCE—2 story and base, frame, \$6,000. Healdsburg, Sonoma Co., Cal. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner's name withheld. The dwelling will contain seven rooms and bath. Interior trim will be largely of pine. Some oak floors will be used. Plans provide for open fire places and furnace heat. Tile will be used in the bath room and kitchen. Mantels will be of brick or tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

Contracts Awarded.

BATH HOUSE—2 story and base, reinforced concrete. Cost not stated. San Rafael, Marin Co., Cal. Architect.

Thomas O'Connor, San Rafael. Owners, City of San Rafael. Contractor, J. A. Kappenmann, Jr., San Rafael. Contract price, \$31,300.

BUILDING CONTRACTS.

CONTRA COSTA COUNTY.

LOT 13 BLK 4 MALTBYS' SECOND Add'n to Concord. All work for five room cement bungalow Design No. 131.

Owner.....Louis J. Arrighi, Concord.
Architect...W. H. Judson, Albany Blk., Oakland.

Contractor...Home Buyers Syndicate, 1512 Broadway, Oakland.
Filed Feb. 13, '14. Dated Feb. 10, '14.

Rough frame completed.....\$456
Plumbing done 456
Cottage completed 456
Usual 35 days..... 457

TOTAL COST, \$1825

Bond, limit, forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
Feb. 4, 1914—LOTS 27 AND 28 BLK 49, City of Richmond. W. B. Vickers to H. McCloy Jr., Feb. 7, 1914

LIENS RELEASED.

MARIN COUNTY.

RECORDED AMOUNT
Feb. 4, 1914—FERN HILL TCT LOT 17, Ross. Charles Weber to Ida and M. W. Orriech to P. G. Buckland\$117

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

WAGON BRIDGE—Pile and timber construction. Cost not stated. Kings River, Fresno Co., Cal. Engineer, County Surveyor, Fresno. Owners, Fresno County. Plans have been completed and have received the approval of the Fresno County Supervisors for the construction of a wagon bridge over the Kings River near Reedley. The bridge will replace the one recently washed out by the heavy rains. Bids have been advertised for and will be opened on March 6th. Plans and specifications can be secured from the County Clerk at Fresno.

HOTEL ALTERATION—3 story and base, brick, \$19,000. Fresno, Fresno Co., Cal. Architect, E. A. Mathewson, Forsythe Bldg. Fresno. Owner, H. Graff. The present building located on K and Kern streets will be rearranged and upper floors partitioned off for modern hotel rooms and baths. The first floor will be arranged for stores. Work will include interior partitions, plastering, painting, plumbing, mill work, electric work and hot water system. Marble base and patent store fronts will be used. Exterior of the building will be faced with cement plaster. Plans are being prepared.

SCHOOL—2 story and base, brick and steel, \$43,500. Sanger, Fresno Co., Cal. Architects, Swartz, Hotchkin & Swartz, Rowell Bldg., Fresno. Owners,

Sanger Union High School District. The building has been designed to contain eight class rooms, assembly hall and domestic science and manual training rooms. Interior finish will be of pine with maple floors in the class rooms and assembly hall. Plans provide for a central heating system with oil burning plant. There will be vacuum cleaning and program clocks. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken. Bids will be opened on March 13th. A certified check of \$3,000 is required, and plans and specifications can be obtained from the architects on a deposit of \$10. An official proposal appears in another column of this issue.

PARENTAL SCHOOL—2 story and base, frame. Cost not stated. Bakersfield, Kern Co., Cal. Architect, Thomas B. Wiseman, Producers' National Bank Bldg., Bakersfield. Owners, Kern County. The building will cover an area of 63 by 85 feet, and will contain office, assembly hall, dining room, library and class rooms on the first floor. Upper floor will be arranged for dormitories and twelve private bedrooms. Basement will contain training shops, heating system and storage space. Interior finish will be of pine and redwood. There will be a central heating system. Exterior of the building will be covered with rustic and shiplap. Plans are being prepared.

SCHOOL—2 story and base, brick, \$10,000. Corcoran, Kings Co., Cal. Architect, J. Carl Thayer, Fresno. Owners, Corcoran Union High School. The building will cover a considerable ground area and when complete will be one of the most modern and up-to-date high schools in the state. Provision has been made for a number of standard sized class rooms, assembly hall, principal's office, teachers' rooms and departments for manual training and domestic science. Interior finish will be of pine with maple floors in the class rooms. There will be steam heat with an oil burning plant. Plans also provide for vacuum cleaning and program clocks. A clay tile roof will be used. Exterior of the building will be faced with cement plaster. Plans are being prepared.

STORM WATER SEWER SYSTEM—\$125,000. Fresno, Fresno Co., Cal. Engineer, City Engineer B. E. Cronkite, Fresno. Owners, City of Fresno. City Engineer B. E. Cronkite has submitted complete drawings for a modern storm water sewer system covering the entire city. The engineer's estimate is placed at from \$118,000 to \$125,000. Plans will receive the approval of the City Council at the next meeting.

Contracts Awarded.

RAILROAD CONSTRUCTION—\$7,000,000. Bakersfield to Majave, Cal. Engineers, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Contractors, Majave and Bakersfield Railway Construction Co. Contract price, \$160,000 per mile including tunnels and bridges. Total miles 63.

SEWER AND WATER SYSTEM—Cost not stated. Reedley, Fresno Co., Cal. Engineer's name not given. Owners, City of Reedley. Contractors, Chambers & Heafey, Oakland. Sewer work, \$27,768.45; E. W. Redman, Fresno, item No. 2 of water system, \$11,1-

966; Des Moines Bridge and Iron Works, item No. 1 of water system, \$1,950. Item No. 3 has not been decided.

THEATRE AND STORES—3 story and base, brick and steel, \$50,000. Modesto, Stanislaus Co., Cal. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Mr. Mensinger. The building will be erected at the corner of 10th and Main streets, and will cover an area of 64 by 155 feet. Interior will be arranged for a main auditorium and one balcony the two seating in the neighborhood of 1,500 people. Interior will be handsomely finished in pine, ornamental plaster and special decoration. Construction will be of the semi-fireproof type. Stores will have patent fronts and plate glass windows. Exterior of the building will be faced with pressed brick. A modern system of heating and ventilating will be installed. Plans are being prepared.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

BUNGALOWS AND RESIDENCES—Frame construction. Cost not stated. Sacramento, Cal. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: Claude Speckard, 3703 Palm avenue, 1 story four room cottage, \$1,400; A. W. Casselman and Son, 3131 Olive avenue, 1 story five room cottage, \$1,100; P. F. Reed, 2613 28th street, 1 story five room cottage, \$2,750; A. L. Johnson, 2915 1/2 31st street, 2 story six room house, \$2,800; J. Boehenek, 425 O street, 1 story five room frame cottage, \$1,500; O. H. Moore, 2903 35th street, 1 story five room cottage, \$1,600, and D. La-morne, 4219 Stanford street, 1 story five room frame cottage, \$1,400.

COTTAGE—1 story and base, frame, \$2,500. Stockton, San Joaquin Co., Cal. Architect, Walter King, Elks' Bldg., Stockton. Owner, E. N. Piers. The dwelling will contain six rooms and bath. Interior finish will be of pine and redwood with oak floors in the living room and dining room. There will be a large open fire place and tile or brick mantel. The water closet will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are being prepared. Exterior of the house will be covered with rustic. Plans are being taken.

APARTMENT HOUSE ALTERATIONS—2 1/2 story and base, frame. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owner, A. B. Munson. The present 2 1/2 story frame residence located on Pilgrim street at the corner of South will be extensively altered and arranged for two and three room apartments, which will be equipped with all modern conveniences. The work will require new interior partitions, plastering, plumbing, painting and electric work. New interior finish and considerable exterior alteration will also be made. Plans are complete and figures are now being taken.

HIGH SCHOOL—2 story and base, reinforced concrete, \$150,000. Eureka, Humboldt Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Eureka High School District. Bids opened for this work show Robert Trost low at \$113,510; T. C. Caldwell next at \$114,500, and the Clinton Fireproofing Co. next low at \$114,750. Rob-

ert Trost will probably be awarded the contract.

HIGHWAY CONSTRUCTION—Cost not stated. Mendocino County, Cal. Engineer, County Engineer, Ukiah. Owners, Mendocino County. Bids will be opened on March 3rd for the construction of Section No. 2 of the proposed Two Rivers and Covel Road in Mendocino County. The approximate length of the road is 5.24 miles. Plans and complete data can be secured from the County Surveyor.

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

LOT 121, CASA LOMA TERRACE, No. 3121 D St., Sacramento. One-story 6-room frame dwelling.
Owner.....D. W. Carmichael, 800 J St., Sacramento.
Architect...None.
Contractor...E. A. Pierce, Park Ave., Sacramento.
COST, \$3000

LOT 136 CASA LOMA TERRACE No. 3122 D St., Sacramento. One-story 6-room frame dwelling.
Owner.....D. W. Carmichael, 800 J St., Sacramento.
Architect...None.
Contractor...E. A. Pierce, Park Ave., Sacramento.
COST, \$3100

LOT 39 CASA LOMA TERRACE, D St. Cor. 33rd St., Sacramento. One-story five-room dwelling.
Owner.....D. W. Carmichael, 800 J St., Sacramento.
Architect...None.
Contractor...E. A. Pierce, Park Ave., Sacramento.
COST, \$2900

LOT 100 CASA LOMA TERRACE, D nr 33rd St., Sacramento. One-story five-room dwelling.
Owner.....D. W. Carmichael, 800 J St., Sacramento.
Architect...None.
Contractor...E. A. Pierce, Park Ave., Sacramento.
COST, \$2900

S ¼ LOT 1, J, K, 29TH AND 30TH STS., No. 1015 29th St., Sacramento. Two-story 10-room frame dwelling.
Owner.....William S. Gloria, 531 T St., Sacramento.
Architect...None.
Contractor...A. P. Valine, 1718 X St., Sacramento.
COST, \$2500

N 40 FT. LOTS 7 AND 8, Avery Tct., Cor. Olive Ave and 32nd St., Sacramento. One-story frame dwelling.
Owner.....A. W. Casselman & Son, 3131 Olive Av., Sacramento
Architect...None.
Day's work. COST, \$1100

E ½ LOT 6, W, X, 23RD AND 24TH STS No. 2316 X St., Sacramento. One-story 5-room frame dwelling.
Owner.....P. F. Reed, 2613 28th St., Sacramento.
Architect...None.
Day's work. COST, \$2750

LOT 138 CURTIS OAKS, 2nd Ave. bet. Fair Oaks and Curtis, Sacramento. One-story 6-room frame dwelling.

Owner.....A. L. Johnson, 2915½ 34th St., Sacramento.
Architect...None.
Day's work. COST, \$2800

N ½ OF S ½ LOT 8, X, Y, 26TH AND 27th STS., No. 2425 26th St., Sacramento. One-story five-room frame dwelling.
Owner.....J. Bochenek, 425 O St., Sacramento.
Architect...None.
Day's work. COST, \$1500

LOTS 19 AND 20 HIGH SCHOOL TCT., T St. Court, bet 32nd and 34th Sts., Sacramento. Two-story frame dwlg.
Owner.....Chas. Mier, 1315 16th St., Sacramento
Architect...None.
Contractor...Chatterton Bros., 3126 T St., Sacramento
COST, \$2500

LOT 3 MARSHALL COURT, Sacramento One-story frame dwelling.
Owner.....O. H. Moore, 2903 35th St., Sacramento.
Architect...None.
Day's work. COST, \$1600

E ½ LOT 2, J, K, 30TH AND 31ST STS., No. 3008 J St., Sacramento. One-story frame dwelling.
Owner.....G. R. Scott, 1318 G St., Sacramento
Architect...None.
Contractor...C. Boothroyd, 1318 G St., Sacramento.
COST, \$2500

S ½ LOT 5, M, N, 6TH AND 7TH STS., No. 1330 7th Ave., Sacramento. Alter two-story brick building.
Owner.....M. Menke, 1330½ 7th, Sacramento.
Architect...None.
Contractor...A. W. Morris, 409 21st St., Sacramento.
COST, \$300

LOT 17 BUENA VISTA TCT., Wabash Ave. bet Stanford and Rose Ave., Sacramento. One-story 5-room dwlg.
Owner.....James Higgins, Sunset Ave Sacramento.
Architect...None.
Contractor...C. E. Mendenhall, 3723 Madrone Ave., Sacramento.
COST, \$1200

LOT 109 WEST CURTIS OAKS, 23rd, bet. 2nd and 34rd Aves., Sacramento. Two-story 8-room frame dwelling.
Owner.....N. Jane Feagan, Merriam Apartments, Sacramento.
Architect...None.
Contractor...W. T. Feagan.
COST, \$4000

LOT 5, B, C, 11TH AND 13TH, No. 1129 C St., Sacramento. Add to present office and warehouse.
Owner.....Phoenix Milling Co., 13th and J Sts., Sacramento.
Architect...P. J. Herold, 332 Forum Bldg., Sacramento.
Contractor...H. A. Barnes, Oak Park, Sacramento
COST, \$1000

NOS. 318-320 J ST., Sacramento. Mason and iron work and labor for remodeling two-story brick building.
Owner.....Geo. W. Locke & Son, 318 J St., Sacramento.
Architect...Jas. Seadler, Forum Bldg., Sacramento.

Contractor...A. D. Stafford, 1408 T St., Sacramento.
Filed Feb. 11, '14. Dated Feb. 10, '14.
COST, \$3100

LOT 44 Mier & Sowell High School Tct, T near 34th St., Sacramento. One-story six-room dwelling.
Owner.....R. E. Stubbe, 3712 Palm Ave., Sacramento.
Architect...None.
Contractor...R. E. Stubbe.
COST, \$2200

S ½ LOT 8, R, S, 8TH AND 9TH STS., No. 801 S St., Sacramento. Two-story frame dwelling and stores.
Owner.....A. Pagni, 2428 18th St., Sacramento.
Architect...None.
Contractor...Peter Leoni, 1415 P St., Sacramento
COST, \$3200

E 50 FT. LOTS 3, 4, K, L, 9TH AND 10th St. 10th and K Sts., Sacramento Alter five-story brick hotel.
Owner.....Nettie E. Evans, Hotel Land, Sacramento.
Architect...E. C. Hemmings, 1203 J St., Sacramento.
Day's work.(carpenter wk) COST, \$4000

E ½ OF W ½ LOT 2702 Oak Terrace, 7th Ave near East Ave., Sacramento. One-story 5-room frame dwelling.
Owner.....W. T. Foster and W. F. Tovelie, 35th and Cypress Ave., Sacramento.
Architect...None.
Contractor...Hary Buck, 3100 Walnut Ave., Sacramento.
COST, \$1500

W ½ OF W ½ LOT 2702 Oak Terrace, 7th Ave near East Ave., Sacramento. One-story 5-room frame dwelling.
Owner.....W. T. Foster and W. F. Tovelie, 35th and Cypress Ave., Sacramento.
Architect...None.
Contractor...Hary Buck, 3100 Walnut Ave., Sacramento.
COST, \$1500

LOT 11 MAGNOLIA OAK PARK, Magdalena Ave. near Piedmont, Sacramento. One-story 3-room frame dwelling.
Owner.....D. Lamorne, 4219 Stanford Sacramento.
Architect...None.
Day's work. COST, \$1400

LOT 3 BLK "F" Highland Park, Sacramento. One-story frame dwelling.
Owner.....Fred J. H. Kellen, Highland Park, Sacramento.
Architect...None.
Contractor...Chatterton Bros., 2111 28th Sacramento.
COST, \$2100

E 60 FEET LOT 4, J, K, 3RD & 4TH STS., Sacramento. Mill work on bldg.
Owner.....Sacramento Plating Mill & Furniture Co., 3rd Cor. V St., Sacramento.
Architect...None.
Contractor...Merchants' Improvement Co.
Filed Feb. 14, '14. Dated Jan. 24, '14.
COST, \$10,473

LOT 512 ELAHURST, California Blvd., Cor. Dolores Ave., Sacramento. One-story frame private garage.

Owner.....G. C. Hickingbotham, 1233 J St., Sacramento.
 Architect...None.
 Contractor...D. F. Staley, 1619 I St., Sacramento.

COST, \$400

W 1/2 LOT 6 AND E 1 FT. LOT 7, G, H, 13th and 14th Sts., Sacramento. Two story frame tenement.
 Owner.....Fred E. Wallner, 1315 H St., Sacramento.

Architect...None.
 Contractor...T. A. Holdener, 522 1/2 M St., Sacramento.

COST, \$3900

N 1/2 OF LOT 1, I, J, 2ND AND 3RD Sts., Sacramento. Reinforced concrete building.

Owner.....John Rasmussen, Cerita A. Slawson and Adele Slawson, 2701 G St., Sacramento.

Architect...None.
 Contractor...Teichert & Ambrose.
 Filed Feb. 16, '14. Dated Feb. 16, '14.

COST, \$16,839

W 1/2 OF S 1/2 LOT 5, I, J, 13TH AND 14th Sts., No. 1321 J St., Sacramento. One-story brick public garage.

Owner.....Nora C. Daroux, 1912 M St., Sacramento.
 Architect...None.
 Contractor...R. M. Smith, 2011 18th St., Sacramento.

COST, \$3600

N 1/2 OF S 1/2 LOTS 1 AND 2, B, C, 19TH and 20th Sts., No. 3720 Magnolia St., Sacramento. One-story 4-room frame dwelling.

Owner.....A. H. Sanders, 205 19th St., Sacramento.
 Architect...None.
 Contractor...H. J. Jordan, 3720 Magnolia Ave., Sacramento.

COST, \$1400

S 1/2 LOT 13 G. Nelson Tract, No. 4004 Cypress Ave., Sacramento. One-story four-room frame residence.

Owner.....E. A. Toney, 414 N St., Sacramento.
 Architect...None.
 Contractor...A. Miller, 3205 3rd Ave., Sacramento.

COST, \$300

N 1/4 LOT 4, W, X, 28TH AND 29TH Sts., No. 2831 W St., Sacramento. One-story five-room frame dwelling.

Owner.....Mrs. Annie Baner, 1220 G St., Sacramento.
 Architect...None.
 Contractor...W. R. Saunders, 2810 I St., Sacramento.

COST, \$2450

LOT 1, D, E, 28TH AND 30TH STS., No. 415 29th St., Sacramento. One-story four-room frame dwelling.

Owner.....Claude Speckard, 3703 Palm Ave., Sacramento.
 Architect...None.
 Day's work.

COST, \$1400

LOT 4, K, L, 8TH AND 9TH STS., No. 824 K St., Sacramento. Alter shop windows and placing store fixtures in store in brick building.

Owner.....Jim Patterson, Premises.
 Architect...P. J. Herald, 332 Forum Bldg., Sacramento.
 Contractor...Brunswick, Balke, Collier Co., 765 Mission, S. F.

COST, \$3900

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

NO. 1617 SIXTH ST., Sacramento. Building to be altered and store front Owner.....R. A. Pickett, Sacramento.

Architect...None.
 Contractor...John A. Silva, 415 11th St., Sacramento.
 Filed Feb. 18, '14. Dated Feb. 14, '14.

COST, \$332.50

S 1/2 OF W 1/2 LOT 8, I, J, 3RD AND 4th Sts., Sacramento. Remodel three story brick lodging house.

Owner.....Cornelia E. Pratt, 1511 P St., Sacramento.
 Architect...A. Vanina, 2022 M St., Sacramento.
 Contractor...F. H. Shardin, Forum Bldg Sacramento.

COST, \$2900

LIENS FILED.

SACRAMENTO COUNTY.

RECORDED AMOUNT
 Feb. 12, 1914—E 60 FEET OF N 80 feet Lot 1, J, K, 3rd and 4th Sts., Sacramento. Capitol Paint Co vs Fanny and Emma Rosenfeld....\$90

LOS ANGELES AND SOUTHERN CALIFORNIA.

Contracts Awarded.

RESIDENCE—2 story and base, brick veneer, \$12,006, Los Angeles, Cal. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, Nellie K. Powers, Contractors, Milwaukee Building Co., Wright and Callender Bldg., L. A. Contract price, \$12,906.

PORTLAND AND OREGON.

HOTEL AND STORES—2 story and base, reinforced concrete, \$50,000, Seaside Ore. Architect, F. Mansion White, Seaside. Owners, Alex Gilbert and Son. The building will be erected on a corner site and will cover an area of 176 by 174 feet. There will be fourteen stores on the first floor. An uncompleted wing in the rear 98 feet in length is also included in the plans. Second floor will contain a total of 32 guest rooms and a number of offices. Plans provide for steam heat and a hot water system. Interior will be finished in pine throughout. There will be a cement first floor, patent store fronts and metal window sash and frames. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SCHOOL—3 story and base, brick, \$110,000, Eugene, Ore. Architects, Hunzicker & Preusse, Eugene Owners, City of Eugene. The building will cover an area of 250 by 125 feet, and is so designed that additions may be made without destroying the architecture. There will be fifteen classrooms, library, music room, a large auditorium seating 500 people and completely equipped with stage and raised seats. Domestic science department is provided for on the roof. Interior finish will be of pine with maple floors. There will be steam heat, program clocks and vacuum cleaning. Exterior of the building will be faced with

pressed brick. The architects have just been commissioned to prepare plans. Working drawings will be complete within three weeks or a month. Further mention will be made of the work.

Contracts Awarded.

GARAGE—2 story and base, brick and concrete, \$20,000, St. Helens, Ore. Architects, Houghtaling & Dougan, Henry Bldg., Portland. Owners, Columbia Country Auto Club. Contractor, W. B. Donahue, 869 East 13th street, North Portland. Contract price, \$20,000.

CREAMERY—2 story and base, reinforced concrete, \$22,000, Portland, Ore. Architects, Emil Schacht & Son, Commonwealth Bldg., Portland. Owners, Townsend Creamery Co. Contractors, Boyajohn-Arnold Co., Panama Bldg., Portland. Contract price, \$22,000.

SEATTLE AND WASHINGTON.

VIADUCTS—Reinforced concrete and steel, \$350,000, Vancouver, B. C. Engineer, City Engineer, Vancouver. Owners, City of Vancouver. Plans have been completed and are now out for figures for the construction of the four east viaducts which are to span the Great Northern tracks at Hastings, Pender, Keefe and Harris streets. Bids will be received on March 4th and may be addressed to City Clerk W. McQueen. Separate bids will be received for each viaduct and also for the work as a whole. Plans and specifications can be secured from the office of the City Engineer, Vancouver.

Contracts Awarded.

MAUSOLEUM—1 story, reinforced concrete, \$100,000, Walla Walla, Wash. Architect, W. Marbury Somerville, White Bldg., Seattle. Owners, Northwest Mausoleum Co. Contractors, Cornell Bros., Savage-Scofield Bldg., Tacoma. Contract price, \$100,000. Note: Cornell Bros. will construct all buildings to be erected by the Northwest Mausoleum Company in Washington and Oregon. The company now has under consideration mausoleums in several of the large cities and towns in the two states mentioned.

THEATRE AND STORES—1 story and base. Class A construction, \$100,000, Spokane, Wash. Architect, E. W. Houghton, Collins Bldg., Seattle. Owner, August Paulsen. Contractor, Fred Phair, Paulsen Bldg., Spokane. Contract price, \$100,000.

THE QUANTITY SURVEYOR.

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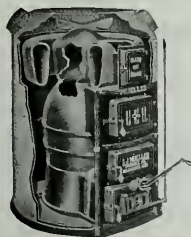
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Raffining Co.

Roofing (Shute &
White).
Graham, R. G.
White, Ed. A.

Roofing Materials.
Bird & Son, F. W.
Johns - Manville
Co., H. W.
Paraffine Paint Co.
Waterhouse &
Price
Western Asbestos
Magnesia Co.
Western Builders'
Supply Co.
Whittier - Coburn
Co.

Shed Gravel, Etc.
Bay Develop. Co.
Cal. Building Ma-
terial Co.
Holland, J. P.
McMullin Bros.
Stone Co., E. B. &
The Western Building
Material Co.
Western Develop-
ment Syndicate.

Sanitary Garbage
Bills & Jacobsen
Shed Blasting.
McDermott, W.

Sheet Metal Wks.
Appman Corne
Atlas Heating &
Ventilating Wks.
Barth Corne
Capitol Sheet
Metal Works
Comyns & Nygren
Corne
Forder Corne
G. & M. Sheet
Metal Works
Guilfoyle Corne
Hugues, H. J.
Hurabelle Bros.
Ideal Corne Wks.
Korell & Co., J. A.
Modern Sheet Met-
als
Morrisson &
S. F. Metal Stamp-
ing & Corr. Co.
Union Sheet Metal
Products Co.
Western Furnace
& Corne Co.

Sidewalk Lights.
Jackson Co., P. H.
Lewin & Co., J. E.
McGinnis & Co.
John
Phoenix Sidewalk
Lights
Waterhouse &
Price

Stair Builders.
Bishop & Perrino
Boller, John
Johnsen, J.
Porter, W. C. Wm.
Stewart, J. K.

Stationery.
Foster & Short
Wright, J. H.

Store Frames.
Connellham & Elliot

Structural Steel
Contractors.
Judson Mfg. Co.
Schneider's Iron
Wks.
Western Iron Sup-
ply Co.
Woods & Huddart

Stoves.
Mangrum & Otter
Stelger & Kerr

Steel Erector.
Schauer, Fred C.
Pioneer Con-
struction Co.
Williams Co.

Street Contrs.
Connellham & Elliot

Store Frames.
Connellham & Elliot

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Structural Steel Contractors.
Brode Iron Wks.
Dyer Bros.
Golden Gate Iron Works
S. A. Francisco Iron Works
Raisley Iron Wks
Vulcan Iron Wks.
Zeolith Iron Wks.

Surveyors.
Morser, E. J.
Sanborn & Corin-
gton
Wetherell, Chas. E.
Teaming & Grading.
Brankin, J. P.
Button, L. V.

Carlin Bros.
Devencenzi & Co.,
L.
Dillon Teaming
Co.
Hartnett, J. D.
Lennon Co. J. E.
Loffler, Fred
Luggen, Ernest
McGlinchey &
Monahan
Montague Co. P.
O'Day Co. D.
Pico Edw., P.
Powers, Chas. J.
Sibley Teaming &
Grading Co.
Schmid, A.
Star Contracting
Co.

Wright Co., J. H.
Tiling.
Ginsberg & Co., S.
Mangrum & Otte-
Peerless Agency
Co.
Tile Mfg. Co.
Watson Manuf-
Vacuum Co.
Bill & Jacobson
Hyde Henry C.
United Electric
Sherman, Kimball
Co.
Wall Heds.
Marshall - Stearns
Co.

Water Company.
Spring Valley
Water Works.
Whitewashing.
Simon Neilson Co.
Brickley, P. J.
Relgie & Jamison
Taylor, L. A.
Window Cleaning.
American Window
Cleaning Co.
Progressive Win-
dow Cleaning
United Window
Clean Co.
Windows, Patent.
Birth Co., L. H.
Simlex Window
Co.

Door Openers.
Rischmuller, Geo.
Electrical.
California Electri-
cal Works
Central Electric
Co.
City Electric Co.
Decker Electric Co.
Globe Elec. Co.
Lovy Elec. Co.
National Elec. Co.
Elevators.
Otis Elevator Co.
Van Emor Eleva-
tor Co.
Fibre.
S. F. Fibre & Cord-
age Co.
Fireproof Doors.
Gervais, Henry.
Norris, L. A.
Roebbing Sons,
John A.

**Heating & Vent-
ilating.**
Burnham Plumb-
ing & Heating
Co.
Cronan, Wm.
Mangrum & Otte-
Montague, W. W.
**House Moving &
Raising.**
Blum Cont'g. Co.
Pearson, E. K.
Sullivan, D. & T.
Inland Floors.
Hardwood Inte-
rior Co.
Inisla Floor Co.
Pacific Floor
Sanding Co.

Iron Works.
Lorenz, Schffaeer
& Co.
Michaels & Pfeif-
er
Monarch Iron
Works.
Pacific Rolling
Mill Co.
Pacific Struc. Iron
Works.

**Interior Decora-
tion.**
Lathera.
Snell & Dennis
Lynch, Richard
**Joint Hangers &
Post Caps.**
Kortick - Falls
Mfg. Co.
Lilley & Thurston
Co.
Western Builders'
Supply Co.

Knowers system.
Store Fronts.
Falls Mfg. Co.
Lilley & Thurston
Co.
Light and Power.
City Electric Co.
Fas. Gas & Elec-
trical Co.
Lime, Cement, Etc.
Acme Cement
Co.
Arden Plaster Co.
California Lime &
Hydrate Co.
Coveal Lime
Cement Co.
Holland, J. P.
Homes Lime Co.
Lennon, Jas. F.
Lucas, W. E.
Pac Lime & Plas-
ter Co.
S. F. Lime Co.
Shasta Lime Pro-
ducts Co.

Weather Building.
Material Co.
Western Liro &
Cement Co.
Lumber.
Acme Lumber Co.
Christensen Lum-
ber Co.
Hart-Wood Lum-
ber Co.
Humboldt Lumber
Co.
Hauptman Lum-
ber Co.
Hoyer Lumber
Co.
Krusz, J. H.
Loop Lumber Co.
McDonald Lum-
ber Co.
Moore, R. B. Mill
& Lumber Co.
Wilkie Co., A.
Williams, F. A.
Wright, Chas.
Monarch Teaming
Co.
Sibley, L. B.
McLennan, S. B.

**Grading & Tem-
ing.**
Church, D. O., Co.
Dillon, D.
Eureka Teaming
Co.
Pay, S. J.
McClure, H. N.
Wilhelm, A. H.
Wilkie Co., A.
Williams, F. A.
Wright, Chas.
Monarch Teaming
Co.
Sibley, L. B.
McLennan, S. B.

Grass.
Bradbury, Thos.
Cal. Granite Co.
De Lano & Sons,
C. L.
Hunt, A. T.
Raymond Granite
Co.

Hardware.
Brattin & Co.
Krusz, J. H.
Lorenz, Schffaeer
& Co.
Meyer, A.
Palmer Saw Camber
Co.
Heat and Light.
Pacific Gas and
Electric Co.

Hardware.
Brattin & Co.
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Lorenz, Schffaeer
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Iron Works
Hillard, J. C. Co.
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Morisonson Cons.
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Phoenix Iron Wks
Talon Iron Wks
Thrader
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Pottery Co.
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Pottery Co.

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Peterson - Karts-
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Remillard BK Co
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California Build-
ing Material
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Gerald Co., The
Kortick - Falls
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Howard Co.
J. E. Lennon.
Johns-Manville Co.
Levy & Co., Robt.
Lilley & Thurston
Co.
Pacific Refining &
Roofing Co.
Parrott & Co.
Parmaime Paint Co.
Pratt Building &
Material Co.
Quality Lime and
Cement Co.
United Material Co
Waterhouse &
Western Price Co.
Western Bldg
Supply Co.

Building Paper
Lilley & Thurston
Co.
Pacific Refining &
Roofing Co.
Parrott & Co.
Parmaime Paint Co.
Pratt Building &
Material Co.
Quality Lime and
Cement Co.
United Material Co
Waterhouse &
Western Price Co.
Western Bldg
Supply Co.

Concrete.
Chase, Silas A.
Camp & Carillon.
Duncanson, Har-
rison
Eaton Co.
Foister & Vogt.
Goodman Arifi-
nial Stone Co.
Haun, C. C. W.
Keatinge & Sons, R.
Leonard, J. J.
Lundgren, J. P.
Lynch, A.
Pascualletti, J.
Stanquillet & Tay-
lor
Stanzl & Forber
Zimmerman, L. M.
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inforcement.**
Lilley & Thurston
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Cameron & Dis-
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Cavanaugh & Ve
Dewar, R. & Son.
Chisholm, R. A.
Cobby, J. W.
Concannon, W. N.
Conrad, H.
Creghino & Son,
Lewis
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Frost, Val.
Frost, T. G.
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Gorke, H.
Holmes, Frank.
Gardiser, Florent.
Greig, Robt.
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Kent, S. H.

Concrete.
Chase, Silas A.
Camp & Carillon.
Duncanson, Har-
rison
Eaton Co.
Foister & Vogt.
Goodman Arifi-
nial Stone Co.
Haun, C. C. W.
Keatinge & Sons, R.
Leonard, J. J.
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Zimmerman, L. M.
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Frost, Val.
Frost, T. G.
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THIS WEEK'S ILLUSTRATIONS:

New Synagogue For First Hebrew Con-
gregation of Oakland. Designed by Ar-
chitect G. Albert Lansburgh, San Francisco.

The Brownlee Apartments, San Francisco,
Designed by Architect Henry C. Smith,
San Francisco.

WEDNESDAY, MARCH 4, 1914.

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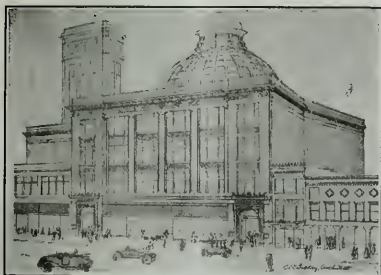


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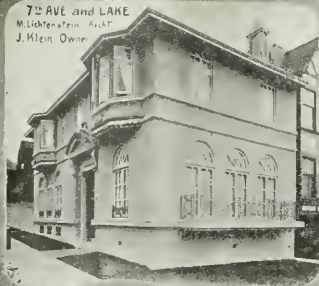
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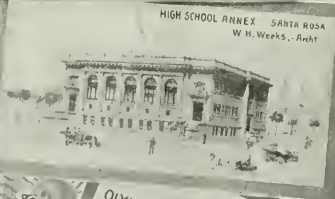
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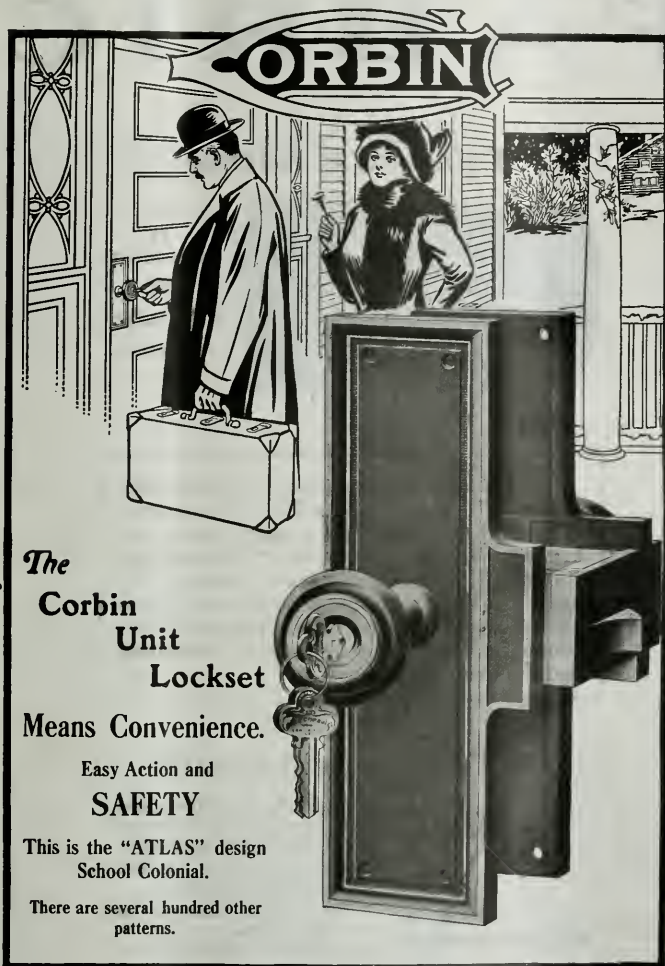
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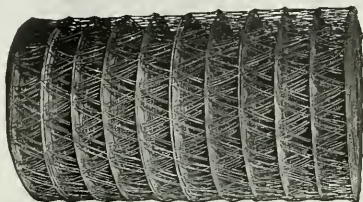
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Editorial Comment.

Ex-Governor Francis of Missouri is quoted as saying that the exposition is far ahead of any other up to date. This is an important thing for no matter what preparations are made for such an affair it usually happens that everything is not ready when the time comes. With a California summer to work in there can be no excuse as to weather and if financial plans do not fall the Exposition should be ready in record time.

Reports state that Colonel Goethals who is now in New York, is reported as saying that the canal will be ready for the passage of merchant ships by the 1st of July next. So that if nothing unforeseen happens the canal will be opened and the Exposition will be ready in advance of the time promised.

The Insurance plan adopted by the State seems to be meeting with success. After seven weeks of operation the department for the service report a fund of approximately \$338,000 on hand, representing funds of \$168,000 from two appropriations and \$220,000 collected from actual premiums.

It is reported that more than 2500 applications for state insurance have been granted making the state responsible for policies on pay rolls amounting to 30 million dollars in the aggregate. The practical value of state insurance will be demonstrated before very long. How the state will take care of those who are rendered dependent by no act of their own will be worked out on a practical basis.

Out of the mass of plays that are being presented to the American public there are a great number that have no value whatever and are patronized only from the fact that they are salacious or deal with the social evil. So great has this catering to the morbid sense of humanity become that it has been deemed wise for intelligent people to get together and set some sort of standard that right minded parents may follow for their children. Accordingly members of the Catholic Church have organized what is known as the Catholic Theatre Movement and has arranged for publishing a monthly bulletin wherein will be published approval of wholesome plays. There seems to be no attempt to set any rigid standard, only that the play be decent and have some merit to recommend it. So for the first bulletin recommended the following:

"Milestones," "Bunty Pulls the Strings," "D'Israeli," "Liberty Hall," "Little Women," "Officer 666," "Peg of My Heart," "Pomander Walk," "Poor Little Rich Girl," "Rebecca of

Sunnybrook Farm," "The Governor's Lady," "The Things That Count,"

These are all good plays and this is a movement in the right direction. It would do well for other societies to take up some similar movement so far at least as to give some intelligent direction to the young.

To an inquirer who wanted to know the meaning of the wireless signal, "S. O. S.," a Central Kansas editor explains that it is an abbreviation of Sinking out of Sight.

The following editorial from the Sacramento Bee compares the new Workmen's Compensation Act recently enacted in New York with that now in force in California. As they are in most ways similar it is of interest to note the differences:

"New York's Workmen's Compensation Act, which does not go into effect until next July, applies to forty-two groups of occupations classed as hazardous.

In this it differs materially from the California law, which makes no such enumeration or classification but applies to all employments, save only household domestic service and those of an agricultural or rural sort.

In practice, the law of this State is likely to be found much more satisfactory in that respect. Otherwise the New York enactment is much like the California law, and is regarded as a great boon to upwards of 1,000,000 employees.

In one particular the New York law is better than that of this State; it requires employers either to insure against liability or furnish the Industrial Accident Commission satisfactory proof of ability to pay.

The California law calls for no such security. It leaves employers free to insure or not, as they may see fit. Yet many employers are incurring liabilities which they might be unable to meet. Either they have neglected to insure or deliberately have decided to go without insurance and "take chances."

In this respect, as The Bee before has shown, our State law should be amended when the Legislature meets next Winter."

Speaking of morbid crowds that attend the white slave plays and the public trials of sensational cases the following account of a trial at Emporia, Kansas, by Will Allen White is good example:

"A big-eared mob jammed the district courtroom yesterday to listen to the details of a particularly revolting trial," reports the Emporia Gazette. "It was necessary for the attorneys to go frankly into certain delicate matters, for a crime had been done, and

the crowd showed its appreciation of the law's effort to fasten the blame by laughing and crowing over some bit of evidence. Court officers could not keep the noise down altogether, though they tried sternly to control it. People jammed the doors, the windows, and even the space reserved for witnesses and officials. Probably one-tenth of the mass were women and girls; and some of the old hens sat around with a prissy expression on their faces which showed that they were just dying to be shocked. Another tenth was colored men, and the rest were white men and boys. None of this crowd had any business at the trial—there were not more than a dozen witnesses called—and vulgar curiosity is about the only motive that can be given for their presence. All boys and girls under 16 were excluded from the room, but the other boys and girls remained in the foul, stuffy atmosphere and absorbed fouler knowledge. Some of the girls were sassy little pullets, too, whose mothers ought to bring out the old fashioned hair brush for this occasion. "Every man is entitled by the law of our land to the privilege of a public hearing," said Judge Harris; "otherwise, I certainly would have this courtroom cleared. Just look at that bunch of women there."

Ex-Governor David R. Francis of Missouri in a speech on the Exposition stated that prosperity followed the exposition at St. Louis. That is interesting to learn as the great cry by those who are inclined to be pessimistic has been that the exposition here would be followed by a depression. If prosperity followed as a result of the St. Louis Exposition there should be prosperity follow the exposition here for a hundred different reasons. St. Louis is an old city, as far as American cities go. It was founded as a trading post before the Constitution was adopted. It has been a commercial center for more than a century. Its surrounding country is well known and except in the south well developed. The exposition gave no new industry or means of access to St. Louis. Its resources were the same. Nothing was different except that a vast number of people attended St. Louis and there was an advertisement of the city.

Here there will be the demonstration of the fact that the world's lines of commerce have been changed. The great resources of the West will be demonstrated. San Francisco will get an advertisement such as she never has received before. And aside from the great harbor that nature has bestowed here in San Francisco bay, the varied resources of the West should lead to a development that will continue for many years to come.

Under the head of the Parcels Post the Chronicle prints an editorial which states that government competition is the merest of all competition. Evidently the express companies are giving up their 400 per cent dividends with a great deal of reluctance. And as the advantages of the parcels post become more and more apparent the fat monopoly of the express companies will become more and more a thing of the past and sensible people will wonder how they were ever hoodwink-

ed into being robbed by these plunderers.

The same argument that applies to the express companies could be applied to the mails. For these methods of transportation that everybody uses indiscriminately are matters that require government control or ownership. That is the only excuse for ship subsidies. For cheaper freight benefits all and while the people pay the subsidy they get it back again in reduced cost of living.

These facts are becoming more and more apparent. That when a public utility is used by every body and depends upon a public franchise, the proper person to control it is the public itself. Hence the post office, the telegraph, the telephone and other things of like nature are proper objects of government ownership and control. The fact of allowing private monopolies to control these institutions is an anomaly. The public has been bunked into believing that a few men possess all the business brains in the world when the real facts are that these same men have been those who employ sharp practice in business dealings which is neither an evidence of brains nor of moral sense.

Smoke as a nuisance in a city has long been recognized not only as an inconvenience but also as a costly nuisance. In the current number of the Scientific American the annual bill of Pittsburgh, Pennsylvania on account of the smoke nuisance is presented in a tabulated form, figures of J. J. O'Connor Jr., who has investigated the subject from the standpoint of dollars and cents. The items are as follows:

Cost to the smoke maker from the imperfect combustion of fuel, \$1,520,740.

Cost to the individual citizen: 1) laundry bills, \$1,500,000; (2) dry cleaning bills, \$750,000.

Cost to the household: (1) exterior painting, \$330,000 (2) sheet metal work, \$1,000,000; (3) cleaning and renewing wall paper, \$350,000; (4) cleaning and renewing lace curtains, \$360,000; (5) artificial lighting, \$84,000.

Cost to wholesale and retail stores: (1) merchandise, \$1,650,000; (2) extra precautions, \$150,000; (3) cleaning, \$750,000; (4) artificial lighting, \$650,000. (5) department stores, \$175,000.

Cost to semi public buildings: (1) office buildings, \$90,000; (2) hotels, \$22,000; (3) hospitals, \$55,000.

These items are gone into in detail showing how the amounts are arrived at and the basis of calculation. Altogether the bill foots up \$9,944,740 for the year. And no attempt has been made to include such things as depreciation of value of property, absence of various industries which are practically excluded by the smoky atmosphere and injury to human health.

It is a concrete illustration of what the smoke nuisance really is in a town like Pittsburgh. The same is true in a greater or less degree of every other manufacturing city in the United States. And the smoke problem is one

A MAN WHO MADE HIMSELF FELT.

Joseph Fels had a deep conviction that the existing social scheme was wrong; and that it would be made right by a general change of taxation so that land values created by the community should be taken for the community's

use. This being his sincere belief he did the rational thing under the circumstances. He devoted his leisure and his surplus wealth to promoting the change he believed in.

Of course this policy made him seem a fanatic. But it was the way to get results. Progress comes through the refusal of men to go along the beaten path. If every man conformed to the accepted way of thinking society would stagnate, as China did.

Life isn't so very long, and the opportunities that come to any one person to make himself felt in the world are confined to a few years. If that person sees a real chance to help the game along and merely cherishes the idea as a dream, doing nothing to make it come true, then he will have missed the opportunity to make himself a factor in bringing the better day.

This Philadelphia soap manufacturer, believing sincerely, fought earnestly for the reforms he had at heart, and so made himself count in his day and generation.

CHARACTER.

Someone has said: "Character is what a man is in the dark." What he is without an audience. His reputation may be grandstand play; a safe, senseless slide to second with the ball a quarter of a mile away—a cloud of dust and thunders of cheers from people who don't know the game. His character may be the sacrifice hit that brings him hisses from the same class of people—and advances the team.

What you wish you were, that's your ideal. What people think you are, that's your reputation. What you know you are, that's your character. To paraphrase Abraham Lincoln, you may fool some other people all of the time, but you can't fool yourself one little bit of the time.

Reputation is a variable estimate, depending not upon what people know about you, but upon their guesses, made from what they see of you. "We have lived together for fifty years," said the Left Hand, "and I never saw him do one charitable action." That's reputation. But all that time the generous Right Hand was the almoner of God, working in loving and secret fellowship with Him. That's character.

You will not drink wine, not even for politeness's sake, and at the table of an esteemed friend, and "our Best Society" says you are a fanatical, bigoted prohibitionist. You refuse to encourage a vile story with a smile. Some people say you are a coldblooded hypocrite. You will not permit yourself to laugh at a funny story, well told, in which all the "laugh" is in its profanity. And folk say you are self righteous. And you carry your Bible in your hand when you walk to church. And they say a "canting Pharisee." Yet all the while your character is that of a sober, pure-minded, reverent, God-fearing man—a Christian. Four reputations—all bad, and one character which outweighs and outlasts the going into eternity with you.—Robert J. Burdette, in National Magazine.

"SERVICE WORK IN VARNISH SHOP" by Robert Mawson. Read it in American Machinist, January 15, 1914. Pages 111-115. Then profit by this Ser-Brooklyn, New York. San Francisco, vice. Moller & Schumann Co., Chicago.

FOREST FIRES OF 1913

Many Fires in Different Districts, But Well Controlled.

(From the Forest Service, U. S. Department of Agriculture.)

During 1913 the forces on the national forests fought 4,526 fires, or nearly twice as many as started in 1912, the best year the forests have ever had.

Fire Damage Kept Down.

Notwithstanding the great increase in the number of fires, Forester Graves considers that the showing made by the forest service was quite as favorable as that in the preceding year, because the damage done and the costs of fire fighting were no greater proportionately than in 1912. In both years practically 50 per cent of all fires were detected and extinguished before they burned over a quarter of an acre, and 25 per cent of both years' fires were put out before they covered 10 acres. Of last year's fires, 3,278, or considerably more than the whole number of fires in 1912, were confined to areas of less than 10 acres, and in 1,080 additional fires less than \$100 damage was done by each. In only 25 fires did the damage amount to \$1,000.

The aggregate loss in timber is estimated at 59 million board feet, valued at about \$82,000, and the damage to young growth and forage is estimated at about \$110,000, making a total of about \$192,000. About 18 per cent of this loss, however, was incurred on private lands within the forests where 16 per cent of the fires had their origin.

Care With Engines Increasing.

One encouraging feature is that the total number of fires set by railroad locomotives was scarcely more than in the preceding year and represented only 12 per cent of all fires, as against nearly 19 per cent in 1912; also the proportion set by sawmills and other engines in the woods was considerably less than in 1912. This indicates very plainly, Mr. Graves says, that the public is awakening to the need of spark arresters and care with engines in the woods.

Causes of Increase in Fires.

Looking for the reason of the increase in number of fires, the forester finds three main causes:

First of all, the unprecedented electric storms which swept the whole state of California at the end of a long dry season and set, almost simultaneously, about 700 fires. The 804 fires set by lightning in California formed nearly 50 per cent of the 1,628 fires on the national forests of the state from all causes, and were more than half of the 1,571 lightning-set fires in all the 21 states reporting.

In the second place, there were 757 fires which started outside the forests, of which 641 were stopped by the government's fire fighters before they reached the forest boundaries, as against 424 which started on outside areas in 1912. However, the proportion of such fires to all those which the service battled with was about the same for 1912 and 1913.

Incendiary Fires.

The other increased cause of fires was incendiarism, but this increase was confined to three states, Arkansas, California and Oregon, all others showing a marked decrease. Of the 452 incendiary fires, 128 were in Arkansas, 133 in California, and 142 in Oregon, where two brothers were known to have set 72 on one forest alone. These two and other incendiaries were, of course, severely dealt with by the law. On the Arkansas forest, too, it has been assumed that the 351 fires classed under the general heading of "origin unknown" were mainly incendiary. In California the incendiary fires are largely attributable to what is known as the "light-burning theory," which advances the argument that forests should be burned over frequently to prevent the accumulation of debris. The forest service considers this a pernicious theory because it scars the standing timber and thus reduces its value; it robs the forest soil of its ability to retain moisture, and effectually prevents the reproduction of the forest, since such fires destroy all tree seedlings before they have a chance to get a good start.

Lightning Caused Most Fires.

In 1912, lightning caused more fires than any other agency, followed closely by railroads, campers and incendiaries, in the order given. In 1913, however, the fires caused by lightning outnumbered the next nearest cause by more than three to one, but the order—railroads, campers, and incendiaries remained the same as in 1912. A considerable decrease in the proportion set by railroads and campers indicates, according to forest officers, a growing carefulness on the part of the general public.

Last year, as in 1912, California led all others in number of fires, this lead being natural because California has such a long dry season. It was followed by Arkansas, Arizona, and Oregon, in the order named. Kansas, which had only one fire in 1912, escaped without any in 1913. North Dakota repeated its record of 1912 and had no fires on its one small forest. Not a single severe fire occurred during the year in District 4, which includes Utah, Nevada, and southern Idaho, and in which a large proportion of the forests reported no fires at all.

Losses on Private Lands.

There was proportionately greater loss on Private lands within the forest boundaries than on the public lands. It is pointed out by the forest officers that these lands cover approximately 11 per cent of the total area included within the forest boundaries, yet the area burned over on these private lands was more than 25 per cent of all. The forest service expended more than \$20,000 in protecting the private lands within the forests and lands adjacent to and outside of the forests. In addition to this cost, services and supplies to the value of more than \$17,000 were

contributed by co-operators for fire-fighting on these areas.

Fires Came at End of Season.

In the middle of the fire season, that is in July, the service had high hopes of small fire damage during 1913, and this hope kept up until the middle of September, when the fire season on the national forests ordinarily is about at an end. At that time there was less damage than had ever been recorded, and only 2,260 fires as against 2,470 in 1912, with about 60,000 acres burned as compared with 230,000 in 1912 and 780,000 in 1911. At the end of the month, however, the electric storms in California and one or two outbreaks of incendiarism changed the whole situation.

But even in the face of these difficulties, the fire-fighting force, with its plans and experience from preceding years, was able to cope with the situation. In California, in particular, it was as if a military leader, represented by the district forester at San Francisco, was holding, with a comparatively small number of men or a mere skirmish force, a line of defense extending 750 miles in a north and south direction. This force received, as if from an attack by the heavy artillery of an opposing army, the electric storms, generally unaccompanied by rain, which played havoc all along the Sierras and Coast Range. That the California force was able to cope with the situation was, according to Mr. Graves, an evidence of the efficiency of the men and the organization.

MINE DISASTERS IN THE UNITED STATES.

The statistics of coal-mine fatalities in the United States during last August, just published by the Bureau of Mines, show 230 deaths, as compared with 211 during the same month of 1912. During the first eight months of 1913, the fatalities numbered 1,673 compared with 1,589 during the corresponding period of 1912. These shocking figures emphasize the importance of the humanitarian activities and investigations in which the Bureau of Mines has taken the lead.

CONSERVATION AND A RAILROAD.

An Alaska railroad, built by the federal government, is now assured. Only formal steps, to ratify what has been agreed to, remain until the bill goes to the President. As he has pressed its passage he will of course sign it.

The era of conservation, given its first great impetus in the Roosevelt administration, is already returning substantial results. The natural resources of the great possession in the Northwest will most surely now be developed fairly. Of even greater importance, the Nation has definitely overcome an earlier timidity regarding measures called "paternalistic." All questions of that character will more and more be determined, not by fetiche but by facts and reason.—Kansas City Star.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 6 story and base, brick and steel, \$68,000. Architect, G. Albert Linsburg, 709 Mission street, S. F. Owners, Gaffney Estate Co. The building will be erected on a portion of the company's property at the northwest corner of Sutter and Taylor streets, covering an area of 60 by 137 1/4 feet. Upper floors will be arranged for a number of two and three room suites with private baths. Interior finish will be of pine and hardwood veneer and oak floors in the halls and living rooms. Plans provide for steam heat, a vacuum cleaning system, elevator service and a hot water supply. Bath rooms will have tile wainscot and composition floors. Marble will be used in the entrance lobby. Exterior of the building will be faced with pressed brick and terra cotta. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$15,000. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, E. J. Keller. The building will be erected on the east side of 12th avenue north of Irving street, covering an area of 75 by 33 feet. Interior has been arranged for a total of nine apartments of two and three rooms. Pine, redwood and hardwood veneer will be used in the interior finish. Some oak floors are also specified. All suites will have private bath rooms and wall beds. There will be steam heat and a hot water supply. Portable vacuum cleaners will be installed. Bath rooms will be finished in tile and composition floors. Exterior of the house will be covered with veneer pressed brick and cement plaster on metal lath. Plans are complete and in the hands of the owner. Work will be done by Day Labor.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$10,000. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner's name withheld. The building will be erected on 36th street and has been designed to contain a number of two and three room suites. All apartments will have wall beds and private bath rooms. Interiors will be finished in pine and redwood. Oak floors will be used in the hallways and dining rooms. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and terrazzo. Exterior of the house will be covered with rustic and shiplap. Plans are now being prepared.

LOS ANGELES, CAL.—Apartment house, 3 story and base. Class C construction, \$30,000. Architect, Leonard L. Jones, 1. W. Hellman Bldg., L. A. Owner, C. W. Howard. The building will be erected on South Fremont street, having a frontage of 48 feet and a depth of 128 feet. Plans provide for a total of 69 rooms, which will be arranged in two and three room suites. All apartments will have private bath rooms and wall beds. Plans provide for steam heat, a hot water supply and

vacuum cleaning. Interior will be finished in pine with some oak floors. Bath rooms will have tile wainscot and composition floors. Metal window sash and frames are specified. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for shortly.

PORTLAND, ORE.—Apartment house, 5 story and base, brick and steel, \$109,000. Architect, none. Owners, R. F. Wassell Co., 19th and Lovejoy streets, Portland. The building will be erected at the corner of 19th and Lovejoy streets, covering a large ground area. There will be a total of 57 suites arranged in two and three room apartments. All suites will have wall beds and private bath rooms. Interior finish will be of pine and hardwood. Oak floors will be used in the living and dining rooms. Plans provide for steam heat, elevator service, vacuum cleaning and hot water supply. Bath rooms will be finished in tile with composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and the owners are now taking figures on the following: Dumbwaiters, elevator, steam heating plant, cement, brick, lumber, plumbing, and bids for the balance of the work will be called for at a later date.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$16,000. Architect, Theo. W. Lenzen, Humboldt Bank Bldg., S. F. Owners, Braun Realty Co. The building will be erected at the northwest corner of Cumberland and Guerrero street on property 39 by 63 feet. Plans provide for twelve suites arranged in apartments of two and three rooms. All suites will have wall beds and private bath rooms. Interiors will be finished in pine, redwood and some elm panels. Bath rooms will have tile wainscot and composition floors. There will be steam heat and a hot water system. Entrance will be finished in tile and marble. Exterior of the building will be faced with rustic and shiplap. Plans are complete and figures are now being taken.

BRIDGES AND DAMS.

THALHEIM, STANISLAUS CO., CAL.—Bridge, reinforced concrete. Cost not stated. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. Plans have been completed and received the approval of the Board of Supervisors. The bridge will be erected near Thalheim and has been designed for a highway bridge with road way and foot way. There will be concrete abutments and some ornamental iron. Plans are now out for figures and bids will be opened on March 10th at 10 o'clock. A certified check of 10% of the amount of the bid is required. Plans can be secured from the County Clerk, H. Benson, at Modesto.

PORTLAND, ORE.—Bridges, reinforced concrete. Cost not stated. Engineer, County Engineer, Portland.

Owners, Multnomah County. Plans have been completed by the County Engineer for six bridges which are to be erected in Multnomah County. Plans and specifications can be secured from the County Commissioners, Court House, Portland. Following is a complete list of the work included: At Latourelle Falls, one reinforced concrete bridge, three 80-foot arches. At Youngs Creek, near Bridal Veil, 100-foot, reinforced concrete arch. At Bridal Veil, one reinforced concrete girder bridge across Bridal Veil Falls. At Multnomah Falls, two reinforced concrete viaducts and one reinforced concrete bridge. At Oneonta Gorge, one reinforced concrete girder bridge. At Horse Tail Falls, one reinforced concrete girder bridge, together with reinforced concrete slabs on three openings between Mist and Multnomah Falls on the Columbia River Highway.

SOLANO-SACRAMENTO CO., CAL.—Bridge, Steel lift type. Cost not stated. Engineers, County Surveyors of Sacramento and Solano Counties, Owners, Sacramento and Solano Counties. County Surveyor F. A. Steiger of Sacramento has been in San Francisco in conference with the Federal authorities in reference to the proposed bridge over the Sacramento River between Solano and Sacramento Counties at Rio Vista. The proposed bridge is to be about 3,200 feet long, consisting of 20 150-foot stationary spans and 1 200-foot lift span, under which the steamers will pass. It will leave a space of 100 feet in the clear when lifted. The plans call for a modern steel structure, set on cylindrical piers driven to bedrock or into gravel. For one-half its distance the bridge will pass over the present river channel and the other half will be over what is now, except in the time of freshet, dry land. It is reported that Federal approval will be forthcoming.

TACOMA, WASH.—Municipal dock, timber and concrete construction, \$125,000. Engineer, City Engineer, Tacoma. Owners, City of Tacoma. The Commissioners of Public Works has been authorized to complete plans for a municipal dock large enough to care for ocean-going vessels and of a permanent type of construction. Money in the amount of \$125,000 is now available for construction. Further mention will be made of this work.

COURT HOUSES

ALTURAS, MODOC CO., CAL.—Court House, 2 story and base, reinforced concrete, \$90,000. Architect, F. L. De Longchamps, Reno, Nevada. Owners, Modoc County. Architect De Longchamps has completed working drawings for the new county court house and these plans have received the approval of the County Supervisors. Construction will be started as soon as bids can be secured. An official advertisement will be published on March 2nd and bids will be opened on April 2nd. Plans and specifications will be available about March 8th and can be secured from the architect. The structure will be fireproof throughout, and, besides providing offices for the county officials, will contain a large meeting room for the supervisors, judges' chambers and the county jail. Considerable marble and tile work will be used. There will be steam heat,

vacuum cleaning and fireproof vaults. Exterior will be faced with cement plaster and native stone.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Bakery, 2 story and base, brick, \$10,000. Architects, Righetti & Headman, Phelan Bldg., S. F. Owner's name withheld. This building will be erected on 4th street near Stevenson, and will cover an area of 50 by 55 feet. First floor will contain the bakery proper and upper floor will be arranged for office and shipping rooms. Interior will be finished in pine throughout. A cement floor will be used on the ground floor. Special machinery and equipment will be installed. Metal window sash and frames are specified. Exterior of the building will be faced with pressed brick. Plans are being prepared and figures will be called for shortly.

SAN FRANCISCO—Warehouse, 3 story and base, reinforced concrete, \$12,000. Engineer, James T. Ludlow, 604 Mission street, S. F. Owners, National Ice Cream Co. The building will be in the nature of an addition to the company's plant on Guerrero street north of 16th. Construction will be of the reinforced concrete type throughout with concrete floors and walls. Interior will contain the offices, factory, cold storage rooms and packing and shipping departments. Interior will be finished in pine. Special machinery will be called for. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken.

SAN FRANCISCO—Laundry addition, 1 and 2 story and base, brick. Cost not stated. Architect, Milton Lichtenstein, 111 Ellis street, S. F. Owners, Galland Laundry Co. The building will be erected at the southeast corner of 8th and Folsom streets in the rear of the company's present building. There will be a cement first floor. Interior finish will be of pine throughout. Metal window sash and frames are specified. Exterior of the building will be covered with stock brick. Plans are complete and figures are being taken.

SEATTLE, WASH.—Warehouse, 4 story and base, reinforced concrete, \$500,000. Engineer, Assistant Engineer Henry Baetz, Port of Seattle Commission, Seattle. Owners, City of Seattle. The building is to be located at the corner of Whatcom and Spokane streets and will cover an area of 147 by 210 feet. Interior will provide 1,500,000 cubic feet of storage space. Construction will be fireproof throughout with reinforced concrete walls, floors and roof slabs. There will be hollow tile and metal lath and plaster interior partitions, metal window sash and frames and fireproof doors. Elevator service is provided. Exterior of the building will be faced with cement plaster. Plans will be complete and ready for figures early in the summer. Further information can be secured from the Port of Seattle Commission.

FLATS.

SAN FRANCISCO—Flats alterations, 3 story, frame, \$8,000. Architect, O. E. Evans, 2367 Mission street, S. F. Owner's name withheld. The present three story frame building will be altered into modern flats. This work will in-

clude modern plumbing, new interior finish, painting, plastering and carpentry work. There will be four open fire places and tile mantels. Some exterior alterations will also be made. Plans are nearly complete and figures will be called for shortly.

SAN FRANCISCO—Flats, 2 story and base, frame, \$6,000. Architect, Alvin J. Stern, 1522 Broadway, Oakland. Owner, E. J. Duffey. The building will be erected on the south side of Green street west of Jones, and has been designed to contain two modern flats with garages in the basement. Each flat will consist of five rooms and bath. Interior will be finished in pine, redwood and hardwood panels. Oak floors will be used in the living rooms and dining rooms. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with a pressed brick veneer base and cement plaster on metal lath. Plans are complete and the owner will shortly take figures.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, none. Owners, C. J. and W. J. Keenan, Grove and Masonic streets, S. F. The building, which has been designed to contain two flats of five and six rooms, will be erected on the east side of Masonic avenue north of Hayes and will cover an area of 25 by 60 feet. Interiors will be finished in pine and redwood with some oak floors. There will be an open fire place in the living room of each flat. Mantels will be of tile. Bath rooms and kitchens will have tile wainscot. Composition floors will be used in the baths. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and shiplap. Plans are in the hands of the owners and the work will be done by Day Labor.

SAN FRANCISCO—Flat, 2 story and base, frame, \$2,000. Architect, none. Owner, M. Ferrazzo, 284 Lee avenue, S. F. The building has been designed to contain two flats and one store, and will be erected on the south side of Ocean avenue east of Lee street. Interior finish will be of pine, redwood and elm panels. Oak floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Flat, 2 story and base, frame, \$2,500. Architect, A. W. Richardson, 2877 Mission street, S. F. Owner, D. Liebel, 317 Market street, S. F. The present building located at 2905 and 2907 Pine street will undergo extensive alterations. When complete the structure will contain two modern flats of five and six rooms. Interior finish will be of pine and hardwood with oak floors in the living rooms and dining rooms. There will be open fire places and tile mantels. Bath rooms will have composition floors and tile wainscot. Automatic water heaters will be installed. Exterior of the building will be covered with rustic. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Flats, 2 story and base, frame, \$5,000. Architect, Alvin J. Stern, 1522 Broadway, Oakland. Owners, Coit Investment Co. The building will be erected at the corner of 54th and Dover streets and has been designed to contain four flats of four and five rooms. Interior finish will be of pine with hardwood floors in the principal rooms. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Marble and tile will be used in the entrance. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be carried on by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$6,000. Architect, L. M. Hausman, Sharon Bldg., S. F. Owners, M. W. and J. H. Cain, 620 4th avenue, S. F. The building has been designed to contain two modern flats and will be erected on the north line of Clement street west of 15th avenue, the property having a frontage of 25 feet and a depth of 90 feet. Each flat will consist of six rooms and bath. Interiors will be finished in pine and redwood with elm panels in the living and dining rooms. Oak floors will be used in the principal rooms. There will be open fire places and tile mantels. Automatic water heaters will be installed. Bath rooms will have the wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owners and work will be done by Day Labor. All materials are now being purchased.

GOVERNMENT WORK AND SUPPLIES.

Denver, Colo., Interior Finish.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for the interior finish of the U. S. post office at Denver, Colo.:

Bid 1. Norman Ker Co., 1123 Broadway, New York City.

2. Thomas J. Steen Co., 30 Church street, New York City.

3. Grant Fee, 2440 16th street, San Francisco, Cal.

4. Hedden Construction Co., 1 Madison avenue, New York City.

5. Wm. Dall, 501 Marion Building, Cleveland, Ohio.

6. J. H. Wiese, 1301 City National Bank Building, Omaha, Neb.

7. Frank Kirchhof Lumber Co., 7th and Lawrence streets, Denver, Colo.

Complete—Bid 1, \$686,000; 2, \$696,000; 3, \$710,000; 4, \$714,591; 5, \$755,000; 6, \$776,440, if marble other than that in the present building is acceptable for exterior marble work, \$703,260; 7, \$798,750.

For alternate 1 substitution of vault lights for granolithic floor finish of terrace for Champa street side of building, add—Bid 1, \$3,500; 2, \$5,500; 3, \$3,000; 4, \$5,500; 5, \$4,000; 6, \$4,576; 7, \$8,500.

For alternate 2 (substitution of granolithic finish for sidewalks and walks within the lot line for stone paving specified), deduct—Bid 1, \$34,000; 2, \$45,000; 3, \$26,000; 4, \$30,000; 5, \$36,000; 6, \$26,260; 7, \$35,000.

For alternate 3 a change in main stairs for purpose of introducing a

mezzanine platform between first and second floor), add—Bid 1, \$720; 2, \$1,500; 3, \$600; 4, \$750; 5, \$1,000; 6, \$4,000; 7, \$1,850.

For alternate 4 (substitution of plain marble curbs same as shown at side of walks for the marble balustrade indicated on the drawings), deduct—Bid 1, \$6,200; 2, \$5,900; 3, \$6,900; 4, \$6,000; 5, \$6,000; 6, \$24,000; 7, \$15,000.

For alternate 5 (omission of floor waterproofing) deduct—Bid 1, \$1,200; 2, \$6,800; 3, \$5,500; 4, \$5,500; 5, \$9,000; 6, \$8,500; 7, \$5,200.

For alternate 6 (substitution of cast iron for bronze for elevator fronts specified under paragraph 462), deduct—Bid 1, \$1,300; 2, \$1,300; 3, \$300; 4, \$3,000; 5, \$1,200; 6, \$3,000; 7, \$1,352.

For alternate 7 (substitution of Keene's cement finish for shafts of all marble pilasters and columns and wainscot, except in toilets and like places), deduct—Bid 1, \$18,400; 2, \$16,500; 3, \$18,000; 4, \$18,000; 5, \$18,000; 6, \$16,000; 7, \$20,000.

For alternate 8 (omission of ornament on the plaster ceilings), deduct—Bid 1, \$500; 2, \$1,100; 3, \$2,500; 4, \$400; 5, \$500; 6, \$2,600; 7, \$1,150.

For alternate 9 (substitution of Keene's cement finish for marble doorways), deduct—Bid 1, \$2,600; 2, \$3,000; 3, \$2,300; 4, \$2,500; 5, \$2,000; 6, \$2,800; 7, \$3,500.

For alternate 10 (substitution of wood wainscot for steel in post office workroom) deduct—Bid 1, \$1,900; 2, \$1,800; 3, \$2,000; 4, \$1,800; 5, \$1,000; 6, \$2,000; 7, \$2,200.

For alternate 11 (substitution of composition ornament for carving in connection with the wood finish), deduct—Bid 1, \$200; 2, \$300; 3, \$530; 4, \$100; 5, \$200; 6, \$200; 7, \$450.

For alternate 12 (substitution of Keene's cement and plaster for wood finish in library), deduct—Bid 2, \$600; 3, \$1,000; 4, no bid; 5, \$200; 7, \$2,445.

For alternate 13 (substitution of wood floors for cork floors), deduct—Bid 1, \$1,500; 2, \$1,500; 3, \$2,000; 4, \$2,000; 5, \$2,000; 6, \$2,500; 7, \$2,200.

Denver, Colo., Mechanical Equipment.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C. for the mechanical equipment, except roof drainage and elevators, of the U. S. post office at Denver, Colo.:

Evans, Admiral & Co., New York City, \$149,725.

G. A. Kees Domestic Engineering Co., St. Paul, Minn., \$133,797.

Downey Heating and Supply Co., Milwaukee, Wis., \$160,000.

Chris Irvin Plumbing and Heating Co., Denver, Colo., \$155,389.

Johnson and Davis Plumbing and Heating Co., Denver, Colo., \$153,518.

Warner & Rittenhouse, Washington, D. C., \$137,891.

W. G. Cornell Co., Washington, D. C., \$134,985.

Farwell Heating Co., Atchison, Kan., \$149,790.

Denver, Colo., Post Office.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C. for the construction of minor outside work and for the interior finish of the U. S. post office at Denver, Colo.:

Wm. Dall, Denver, Colo., \$755,000.

Thomas J. Steen Co., New York City, \$696,000.

J. H. Wiese, Omaha, Neb., \$766,440; alternate bid, if marble other than the present is used for exterior, \$703,200.

Frank Kerchoff Lumber Co., Denver, Colo., \$798,750.

Grant Fee, San Francisco, Cal., \$71,000.

Norman Ker Co., New York City, \$656,000.

Hedden Construction Co., New York City, \$714,591.

Denver, Colo., Elevator Equipment.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C. for the installation of an elevator plant in the U. S. post office at Denver, Colo.:

Otis Elevator Co., Washington, D. C., \$36,882; time September 1, 1914.

A. Kiechheffer Elevator Co., Milwaukee, Wis., \$44,490; time March 30, 1914.

Presidio Stable Authorized.

The quartermaster general has directed the construction quartermaster, San Francisco, Cal. to advertise for bids for the construction of a stable at the Presidio of San Francisco.

Naval Armor Plate Plant.

The statement made to the House Naval Committee by the Secretary of the Navy and the chief of ordnance of the navy on the subject of a government armor plate plant are said to have been quite impressive. The statistics, which were submitted of course, have not been officially contradicted, nor have they been fearfully questioned, to which they might easily be subjected, it is understood; for, as is so often the case, there happens to be two sides to this armor plant problem, and so mar the Navy Department has, naturally presented only one phase of the situation for the benefit of the committee. It is by no means certain that the subject will be regarded as of sufficient importance to engage the attention of the committee to a greater extent than the time already allotted to it. Mr. Daniels has been able to present his case in so plausible a way as to give every encouragement to those who advocate the establishment and maintenance of a government plant for the manufacture of armor. It is the fashion now in Congress to take sides against the private plant and to support the cause of the government establishment, whatever or wherever it may be. At the same time, the amount of money which would be required to fully equip an armor plant gives pause to the committee, and probably nothing more definite will be accomplished at this session than the provision of means by which Congress may come into the possession of more information, which, in the minds of conservative representatives and senators, should be acquired before the government is committed to the expenditure of a large sum of money on the representation that the government can produce armor at much less cost than that of the material obtained under contract.

Pocatello, Idaho, Plaster Models.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C. for

furnishing plaster models for the U. S. post office at Pocatello, Idaho:

C. W. Buhler, 1130 19th street, N. W., Washington, D. C., \$178.

E. C. Bairstow, 1313 13th street, Washington, D. C., \$178.

Lombard & Ludwig, Washington, D. C., 309 14th street, Washington, D. C., \$206.

J. Brys & F. Bruyninck Co., Inc., 1416 N street, Washington, D. C., \$210.

E. Jung, 1508 14th street, Washington, D. C., \$225.

Albany, Ore., Post Office.

In the construction of the U. S. post office at Albany, Ore., for which Fred A. Brixson, Salem, Ore., has the contract, fixtures manufactured by the following named firms will be used: Lighting fixtures, M. J. Walsh Co.; pendant switches, Perkins; sockets, Pass & Seymour; insulating joints, MacAllen; glassware and reflectors, Macbeth-Evans Co.

Albino, H. T., Post Office.

The supervising architect, Treasury Department, Washington, D. C. will request supplementary bids for the construction of the above named building.

Sewer System, Fort Mason.

The contract for extending sewer system at Fort Mason, Cal., has been awarded to D. F. Bienfield, of San Francisco, Cal., at \$5,800.

Compressed Air Locomotive.

The compressed air locomotive for the naval station at Pearl Harbor, Hawaii, bids for which are to be opened March 14 at the Navy Department, is to be a compound four-wheel connected type for 36-in gauge track; weight approximately 15,000 lbs; tractive force 3,000 lbs. The air compressor shall be motor driven, 3 stage, 1,000-lb pressure, capacity 75 cu ft free air per min. Flat cars of 20,000 lbs capacity each, 36-gauge track. Pipe and fittings extra heavy for 1,000 lbs air working pressure.

Pasadena, Cal., Post Office.

As previously reported the contract for the construction, complete, of the U. S. post office at Pasadena, Cal., was awarded to Eugene Schuler, Santa Barbara, Cal., at \$184,246, who will use the following fixtures and material in the construction of the building: Plumbing fixtures, John Douglas Co.; cast iron column radiators, American Radiator Co.; wall radiators, American Radiator Co.; non-conducting coverings, H. W. Johns-Manville Co.; damper regulator, Fess; air exhausting apparatus, Bishop-Babcock-Becker Co.; air valves for radiators, do; air valves for end of steam mains, do; cabinet and tablet, W. A. McNally & Co.; rubber-covered wire, John A. Roebeling's Sons Co.; light fixtures, Reading Chandelier Works; radiator valves, Crane Co.; conduit, Central Tube Co.; snap switches, Perkins Electric Mfg. Co.; pendant switches, do; keyless sockets, Weber; reflectors, Holaphane; glassware, Lighting Studio Co.; canopy switches, Cutter-Hammer Mfg. Co.

Pearl Harbor Dry Dock.

There have been no hearings before the House Naval Committee, as was expected, concerning the resumption

of work on the damaged dry dock at the Pearl Harbor naval station, regarding which the Secretary of the Navy is in possession of reports from the experts who made a careful examination of the situation and presented recommendations. There have been numerous conferences at the Navy Department during the past two or three weeks, attended by Representatives Padgett and Roberts, of the naval committee. It has been decided to proceed with the work along new lines, the approved plan contemplating the employment of floating boxes in the completion of the dock, in accordance with the recommendations of Civil Engineer F. R. Harris, U. S. Navy, and the civilian expert, Mr. Noble, who was specially engaged by the Secretary of the Navy to visit Pearl Harbor and make a thorough observation of the conditions there. There will have to be a committee hearing later, because it is evident that the limit of cost for the dry dock must be increased by \$1,500,000.

—HALLS & SOCIETY BLDGS—

OAKLAND, CAL.—Municipal auditorium, 2 story. Class A construction. Cost not stated. Architect, J. J. Donovan, associated with Walter Mathews, Oakland. Owners, City of Oakland. Bids opened on February 26th for preparing the site, concrete work, granite work and granite setting show Christenson Bros. low at \$196,360. A complete list of all bids together with the alternate propositions will be found under the heading of Oakland and Alameda County in this issue.

HOSPITALS

PRESIDIO OF SAN FRANCISCO.—Hospital ward, 2 story, reinforced concrete. Cost not stated. Architect, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Plans for an additional ward at the Letterman General Hospital have been completed and are now out for figures. The building will be arranged to contain wards and private rooms. Interior finish will be of pine throughout. Steam heat will be supplied from the hospital's general plant. Exterior will be faced with cement plaster. A clay tile roof is specified. Plans and specifications can be secured from the Constructing Quartermaster's office at Fort Mason. Bids will be opened on March 25th. An official proposal appears in another column of this issue.

ELDRIDGE, SONOMA CO., CAL.—Nursery building for males, frame and concrete, \$13,500. Architect, State Department of Engineering, Sacramento. Owners, State of California. Bids opened in Sacramento on February 26th for the construction of a nursery building for males at the Sonoma State Home show R. S. K. MacMillen of San Francisco low at \$13,977. He will probably be awarded the contract. A complete list of all bids will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

YOUNTVILLE, NAPA CO., CAL.—Dairy Barn, 1 story, frame construction, \$6,500. Architect, State Department of Engineering, Sacramento. Owners, State of California. Bids

opened in Sacramento on February 27th for the construction of a dairy barn at the Veterans' Home at Yountville show Lewis Cereghino of San Francisco low at \$6,447. A list of all bids will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

NAPA, NAPA CO., CAL.—Recreation building, 1 story, frame and concrete, \$10,000. Architect, State Department of Engineering, Sacramento. Owners, State of California. R. S. K. MacMillen of San Francisco submitted the lowest bid for constructing the recreation building to be erected at the Napa State Hospital at \$9,500. A complete list of all bids received will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

NAPA, NAPA CO., CAL.—Hospital boiler. Cost not stated. Engineer, State Department of Engineering, Sacramento. Owners, State of California. Bids will be received at the State Department of Engineering in Sacramento on March 10th for furnishing and installing, complete, one 250-H. P. water tube boiler with oil burning furnace, brick setting, fittings, valves, etc., in the Napa State Hospital. Plans and specifications can be secured from the State Department of Engineering.

SAN FRANCISCO.—Belt Line extension and tunnel. \$219,233. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Contractors, Bates, Borland & Ayer, S. F. Contract price, \$219,233. A complete list of all bids opened by the State Board of Harbor Commissioners for this work will be found under the heading of San Francisco in this issue.

Contracts Awarded.

LOS ANGELES, CAL.—Hospital, 5 story and base. Class A construction, \$110,000. Architects, Garrett & Farrell, Currier Bldg., L. A. Owners, Methodist Hospital Association. Contractor, George H. Whyte, Paloma Street near Allen avenue, Pasadena. Contract price, \$110,000.

HOTELS.

SAN FRANCISCO.—Hotel and stores, 3 story and base, reinforced concrete, \$20,000. Architects, Phillip Schwerdt & Co., Phelan Bldg., S. F. Owners, H. and I. Wolf. The building will be erected on Sixth street south of Howard, having a frontage of 25 feet and a depth of 155 feet. There will be one store besides the hotel entrance on the first floor. Upper two floors will contain a number of single rooms and public baths. Interior finish will be of pine and redwood. Plans provide for a central heating system and hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with cement plaster. Patent store fronts and plate glass windows are specified. Plans are complete and a contract will be let within a few days.

SAN FRANCISCO.—Hotel, 4 story and base, brick and steel. Cost not stated. Architect, Albert W. Burgen, Holbrook Bldg., S. F. Owner, William Roeder. The building will be erected at the northwest corner of Turk and Leavenworth streets, covering a considerable ground area. There will be

a store and the hotel lobby and office on the first floor. Upper floors will contain 51 guest rooms and 40 baths. Interior finish will be of pine and hardwood with some oak floors. Plans provide for steam heat, elevator service, a hot water supply and vacuum cleaning. Bath rooms will have tile wainscot and composition floors. Ornamental plaster and marble and tile will be used in the entrance and lobby. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

OAKLAND, CAL.—Hotel addition, 2 story and base, frame, \$10,000. Architect, M. L. Newsom, 1852 5th avenue, Oakland. Owner, T. Galvan. The building at the corner of 7th and Henry streets will undergo repairs and two additional stories will be added. These new floors will contain 24 rooms and several public baths. Interior finish will be of pine and redwood. A hot water system will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

ARCADIA, HUMBOLDT CO., CAL.—Hotel, 4 story and base, reinforced concrete, \$60,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Arcadia Hotel Co. A site has been secured at the corner of 9th and G streets and a new hotel and store building, covering an area of 50 by 110 feet will be erected. There will be a number of stores on the first floor and 75 guest rooms and a number of private baths on the upper floors. Plans provide for steam heat, a hot water system and vacuum cleaning. There will be patent store fronts and metal window sash and frames. Interior finish will be of pine. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

SEATTLE, WASH.—Hotel, 2 story and base, brick, \$30,000. Architect, C. H. Bebb, Denny Bldg., Seattle. Owners, Horton Estate. The building will cover an area of 114 by 120 feet and will be arranged for stores on the first floor and a large number of single rooms and public baths on the upper floor. Interior finish will be of pine. Bath rooms will have tile wainscot and composition floors. There will be steam heat and a hot water supply. Metal window sash and frames and patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Separate figures will be taken for the plumbing, heating, electric work and painting.

LIBRARIES.

SAN ANSELMO, MARIN CO., CAL.—Library, 1 story and base, reinforced concrete, \$10,000. Architect, W. Garden Mitchell, Bankers' Investment Bldg., S. F. Owners, San Anselmo. Preliminary plans have been submitted to the Library Trustees for approval. These plans show a building containing a large reading room, stack rooms and office. Interior finish will be of pine with maple floors. A central heating system will be installed. Exterior will probably be faced with cement plaster. Definite action has not been taken. Further mention will be made of the work.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architect, Walter Vodden, 101 Cole street, S. F. Owners, Thomas Vodden and Son, 1015 Cole street, S. F. The dwelling, which has been designed for a seven-room house, will be erected on the east side of 18th avenue north of California street. Interior finish will be of pine and redwood with oak floors in the principal rooms. There will be furnace heat and open fire place. Mantel will be of tile. An automatic water heater will be installed. Bath room will have composition floor and tile wainscot. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, A. Duffie, 685 Dolores street, S. F. The dwelling has been designed for a seven-room house and will be erected on 9th avenue near Oryga street. Interior finish will be largely of pine and redwood. Hardwood floors will be used in the living and dining rooms and reception hall. There will be a large open fire place in the living room. Mantel will be of brick. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with brick veneer and cement plaster on metal lath. Plans are complete. Work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,500. Architect, none. Owner, J. M. Peters, 1010 Balboa street, S. F. The dwelling has been designed for an eight-room house, and will be erected on the east side of 20th avenue south of California street. Interior finish will be of pine, redwood and hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, none. Owners, Cleeve Carson and Sons, 219 32nd avenue, S. F. The dwelling will be erected on the south side of Castenda west of San Marcus, and has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine, redwood and hardwood. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater is provided for. Bath room will have composition floor and tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. All work will be done by Day Labor. Owners are now in the market for all materials.

SAN FRANCISCO—Residences, 7, 2 story and base, frame, \$5,000 each. Architect, Theo S. Boehm, Hewes Bldg., S. F. Owners, Pockman & Co., 27th avenue and Geary. These houses will

be erected on lots 35, 36, 37, 55, 56, 57, and 58 in the Lincoln Manor Tract. Each of the dwellings has been designed to contain eight rooms and bath. Interior finish will be of pine, redwood, white enamel and hardwood veneer. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be furnace heat, open fire places and automatic water heaters. Mantels will be of brick and tile. All bath rooms will have tile wainscot and composition floors. Exteriors will be covered with brick veneer, rustic and cement plaster on metal lath. Plans are in the hands of the owners and work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 1½ story and base, frame, \$2,500. Architect, A. W. Richardson, 2877 Mission street, S. F. Owner, A. Linom, 443 Clipper street, S. F. The dwelling has been designed to contain six rooms and bath, and will be erected in the Crocker Amazon Tract. Interior finish will be of pine and redwood. Oak floors will be used in the living room and dining room. There will be a large open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the owner.

SAN FRANCISCO—Bungalows, 6, 1½ story and base, frame, \$3,000 each. Architect, O. E. Evans, 2367 Mission street, S. F. Owner's name withheld. These houses will be erected on Douglas street near Castro, and each has been designed to contain seven rooms and bath. Interiors will be finished in pine and redwood with some hardwood veneer. There will be oak floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have tile wainscot and composition floors. Tile wainscot will also be used in the kitchens. All houses will be equipped with automatic water heaters. Exteriors will be covered with cement plaster on metal lath. Plans are nearly complete and work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,000. Architect, none. Owner, William Bahrs, 635 17th avenue, S. F. The dwelling will be erected on the east side of 16th avenue near Anza, and has been designed for a six-room house with bath. Interior will be finished in pine and redwood. Oak floors will be used in the principal rooms. There will be a large open fire place in the living room with a tile mantel. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 1½ story and base, frame, \$2,000. Architect, A. W. Richardson, 2877 Mission street, S. F. Owner, A. Kaufman, Isabel street. The house will be erected on Isabel street near Montclair avenue, and has been designed to contain seven rooms with bath. Interior finish will be of pine and redwood. Oak floors will be used in the principal

rooms. There will be a large open fire place in the living room. Mantel will be of brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, none. Owner, I. W. Button, 347 63rd street, Oakland. The dwelling has been designed for a seven-room house with bath and sleeping porch and will be erected on the west side of Hille-gass avenue near 62nd street. Interior finish will be largely of pine and redwood. Some veneer hardwood will be used in the living and dining rooms. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$3,200. Architect, none. Owners, Collins Bros., 825 55th street, Oakland. The dwelling has been designed for a six-room house and will be erected on the north side of Everett avenue near 13th avenue. Interior will be finished in pine and redwood with hardwood veneer in the living room and dining room. Oak floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and composition floor. An automatic water heater is specified. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are in the hands of the owners and the work will be done by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$9,000. Architect, F. D. Voorhees, Central Bank Bldg., Oakland. Owner's name withheld. The dwelling will be erected on Lake Shore Drive near Rand avenue, and has been designed to contain eight rooms, bath and sleeping porch. A garage will also be erected on the property. Interior of the dwelling will be finished in pine, redwood and hardwood. Oak floors will be used throughout except in the baths which will have composition floors. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Tile wainscot will be used in the bath rooms and kitchen. An automatic water heater will be installed. Exterior of both dwelling and garage will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1½ story and base, frame, \$3,500. Architect, George Anderson, 6046 Lawton avenue, Oakland. Owner, Thomas H. Anton. The dwelling has been designed for a seven-room house and will be erected on Claremont avenue. Interior finish will be largely of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Man-

tels will be of tile or brick. An automatic water heater will be installed. Bath room will have composition floor and tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

OAKLAND, CAL. — Bungalow, 1½ story and base, frame, \$3,200. Architects, The Elite Planners, 1844 5th avenue, Oakland. Owner, Edward Lawlor. The dwelling will be erected in Piedmont by the Lake, and has been designed to contain seven rooms, bath and sleeping porch. Interior will be finished in pine, redwood and some hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now nearly complete.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$3,200. Architect, none. Owners, Collins Bros., 825 57th street, Oakland. The dwelling will be erected on Everett street near 13th avenue, and has been designed for a seven-room house with bath and sleeping porch. All interior finish will be of pine and redwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Composition floor will be used in the bath room. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost, not stated. Architect, Claude B. Barton, Security Bank Bldg., Oakland. Owner, H. P. Houston. The dwelling will be erected in Piedmont Manor, and has been designed to contain eight rooms, bath and sleeping porch. Interior will be finished in pine, redwood and hardwood veneer. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster. Plans are complete and figures are now being taken by the architect.

OAKLAND, CAL. — Bungalow, 1½ story and base, frame, \$3,500. Architect, Alvin J. Stern, 1522 Broadway, Oakland. Owner, Peter Lindblad. The dwelling will be erected in the Fourth Avenue Terrace Tract, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be largely of pine and redwood. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Hardwood floors will be used in the living room, dining room and reception hall. There will be an automatic water heater. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete

and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$7,000. Architect, William A. Plowman, 3661 Telegraph avenue, Berkeley. Owner, William Ashland. The dwelling will be erected in Northbrae and has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine and redwood. Some oak floors will be used. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath room will have tile wainscot and composition floors. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

OAKLAND, CAL.—Residences, 1, 1½ story and 2, 1 story, frame, \$3,000 and \$2,500. Architect, Alvin J. Stern, 1522 Broadway, Oakland. Owner, Edward Sommarstrom. These houses will be erected in Piedmont by the Lake, the two 1 story dwellings being designed to contain six rooms each and the 1½ story house to contain seven rooms. Interiors will be finished in pine, redwood and hardwood veneer. Oak floors will be used in the living rooms, dining rooms and reception halls. There will be furnace heat and open fire places. Mantels will be of tile and brick. Automatic water heaters will be installed. Bath rooms and kitchens will have tile wainscot and composition floors. Exterior of the three houses will be covered with cement plaster on metal lath.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, F. R. Peake Co., 2127 University avenue, Berkeley. Owner, Mrs. J. U. De Rocco. The house will be erected on Euclid avenue south of Keith and has been designed to contain six rooms, bath and sleeping porch. Interior will be finished in pine and redwood with hardwood floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor under the direction of F. R. Peake Co.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story, attic and base, frame, \$23,000. Architect, William H. Ratcliff, First National Bank Bldg., Berkeley. The dwelling will be erected at the junction of the Tunnel and Robie Roads, and has been designed for a ten room house with several baths and sleeping porches. A garage will also be erected on the property. Interior finish will be of pine, redwood and hardwoods. Oak floors will be used in the principal rooms. Plans provide for furnace heat, open fire places, a vacuum cleaning system and automatic water heaters. Bath rooms will be finished in tile and will have composition floors. Exterior of the dwelling and garage will be covered with cement plaster on metal lath. Plans are now practically complete and figures will be called for shortly.

PALO ALTO, SANTA CLARA CO., CAL.—Residence, 2 story and base, frame, \$14,000. Architect, Smith

O'Brien, Humboldt Bank Bldg., S. F. Owner, Mrs. Harris Allen. This work has been mentioned here before. The dwelling will contain in the neighborhood of twelve rooms, several baths and sleeping porch. Interior finish will be of pine and hardwoods with oak floors in the principal rooms. A central heating system, hot water supply and vacuum cleaning are specified. Bath rooms will have tile wainscot and floors. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN BRUNO, SAN MATEO CO., CAL.—Residence, 2 story, attic and base, frame, \$8,000. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Father W. J. Cantwell. The dwelling will be erected on property adjoining the church, and has been designed to contain nine rooms including a study and large reception room. Interior finish will be of pine, redwood and some hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and three open fire places. Mantels will be of tile and brick. Bath rooms will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN MATEO, SAN MATEO CO., CAL.—Bungalow, 1 story and base, frame, \$2,500. Architect, O. E. Evans, 2367 Mission street, S. F. Owner's name not given. The house has been designed for a five-room dwelling with bath and sleeping porch. Interior finish will be entirely of pine or redwood. Oak floors will be used in the living and dining rooms. There will be a large open fire place and brick mantel. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect none. Owner, Ben E. Tormey, 1650 Clay street. The dwelling will be erected on the west side of 33rd avenue south of Lincoln Way, and has been designed to contain six rooms and bath. Interior finish will be of pine and redwood. Oak floors will be used in the living room and dining room. There will be a large open fire place with tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

SAN FRANCISCO — Residence, 2½ story and base, brick veneer, \$15,000. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owner, Mrs. Meyer. The dwelling will be erected on Pacific avenue and has been designed for a modern city home, containing fourteen rooms and six baths. Interior will be finished in pine, redwood and hardwood. Oak floors will be used throughout except in the bath rooms which will have tile floors and wainscot. There will be a central heating system, probably furnace heat. Plans provide for six open fire places which will have tile mantels. All bath rooms will be equipped with showers. There will be vacuum cleaning and

automatic water heaters. Ornamental plaster will also be used. Exterior of the dwelling will be covered with pressed brick veneer and trimmed with terra cotta. Plans are complete and figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, \$3,000. Architect, none. Owners, Junk-Riddell Investment Co., 2247 Telegraph avenue, Berkeley. The dwelling has been designed for a six-room house with bath and sleeping porch, and will be erected on Buena Vista Way near Greenwood Terrace. Interior finish will be of pine and hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room and kitchen floor will be used in the bath room. Exterior of the house will be covered with shakes. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,000. Architect, none. Owner, E. J. Lloyd, 1957 Walker avenue, Oakland. The dwelling will be erected on Fairbanks avenue and has been designed to contain eight rooms and bath. All interior finish will be of pine or redwood. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot and composition floors will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$9,000. Architect, none. Owner, Edward Olsen, 277 Bay View avenue, Oakland. The dwelling will be erected at the northeast corner of College avenue and Manila. The dwelling has been designed to contain nine rooms and a store. Interior will be finished in pine and redwood. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Store will have plate glass windows and patent store fronts. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SACRAMENTO, CAL.—Residences, 1 and 2 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: C. J. Hopkinson, 1318 25th street, 1 story five-room residence, \$4,000, and E. G. Gross, 3114 East avenue, 2 story, 13 room residence and 1 store, \$14,000.

SAN JOSE, SANTA CLARA CO., CAL.—Residences, 1 and 2 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: Jack Walsh, 195 North 3rd street, 1 story five-room cottage, \$2,500; Ella Ferguson, Alum Rock ave-

nue, 1 story six-room cottage, \$2,500, and J. W. Hutsler, 1004 East Santa Clara street, 2 story frame residence. Cost not stated.

LOS ANGELES, CAL.—Residence, 2 story and base, frame and hollow tile. Cost not stated. Architects, Hunt & Burns, Laughlin Bldg., L. A. Owner, General C. M. Spitzer. The dwelling, which will contain fourteen rooms and three baths, has been designed in the Italian Villa style and will be erected at the corner of 3rd street and Andrews Boulevard. Walls will be of hollow tile faced with cement plaster. Interior will be finished in pine, hardwoods and white enamel. Oak floors will be used throughout. Bath rooms will have tile wainscot and floors. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Roof will be of clay tile. Plans are complete and figures are now being taken.

SEATTLE, WASH.—Residences, 3, 2 story and base, brick, \$19,500 each. Architect, Robert Knipe, Henry Bldg., Seattle. Owner's name withheld. These houses will be erected on Newton street near Broadway, and each has been designed to contain ten rooms, three baths and sleeping porches. Interiors will be finished in pine and hardwoods. Oak floors will be used throughout except in the bath rooms which will be finished in tile and will have composition floors. Plans provide for a central heating system, probably hot water, vacuum cleaning and automatic water heaters. There will be open fire places and tile or brick mantels. Exteriors will be faced with pressed brick trimmed with terra cotta. Plans are now nearing completion.

SACRAMENTO, CAL.—Residences, 2, 1 story and base, frame, \$3,000 and \$2,700 respectively. Architect, none. Owner, E. A. Pierce, 3526 Park avenue, Sacramento. These two houses will be erected in the West Curtis and Oaks Tract and will contain five and six rooms. Interiors will be finished in pine and redwood with oak floors in the living and dining rooms. There will be open fire places and tile or brick mantels. Automatic water heaters are specified. Bath rooms will have tile wainscot. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SACRAMENTO, CAL.—Bungalow, 1 story and base, frame, \$2,000. Architect, none. Owner, H. F. Carstens, 1331 I street, Sacramento. The dwelling will be erected on Calaveras avenue, and will contain five rooms and bath. All interior finish will be of pine or redwood. Oak floors will be used in the living and dining rooms. There will be a large open fire place and tile mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and shiplap. Plans are in the hands of the owner and the work will be done by Day Labor.

STOCKTON, SAN JOAQUIN CO., CAL.—Residences 1 and 2 story, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Stockton: H. Anderson, 1310 South California street,

1 story frame dwelling, \$1,800; John Lucas, 1235 South American street, 1 story frame dwelling, \$1,000; Mrs. L. Pealand, Stockton, 1 story frame dwelling, \$1,800; Charles Eachan, Stockton, 1 story frame dwelling, \$2,500; R. Godsil, 516 West Park street, 1 story frame dwelling, \$2,500; Frank P. Gorton, 1215 South American street, 2 story frame dwellings, \$1,500 each; W. R. Pease, 1314 East Oak street, 1 story frame dwelling, \$1,000; R. F. Ames, 420 McClellan avenue, 1 story frame dwelling, \$2,000, and C. R. Campbell, Stockton, 1 story frame dwelling, \$1,500.

SEWERS, STREET WORK AND WATER SYSTEMS.

UMATILLA, ORE.—Water system, \$20,000. Engineer, Louis C. Kelsey, Selling Bldg., Portland. Owners, City of Umatilla. Bonds have been voted in the sum of \$20,000 to construct a municipal water system. Engineer's plans show a pumping plant with oil engine, steel tank and tower and direct connected pumps. Both cast iron and steel pipe will be used. Bids will be called for as soon as bonds can be sold. Further mention will be made of this work.

SAN MATEO AND SAN DIEGO COUNTIES, CAL.—State Highway work. Cost not stated. Engineer, State Highway Commission, Forum Bldg., Sacramento. Bids opened by the State Highway Commission on February 27th for the construction on highways in San Mateo County show Bates, Borland & Ayer low at \$59,925.40, and in San Diego County Taylor & Berliner of Los Angeles low at \$74,951. Contracts have not been awarded. A complete list of these figures together with the engineer's estimate of cost will be found under the heading of San Francisco in this issue.

SCHOOLS.

STOCKTON, SAN JOAQUIN CO., CAL.—School, 2 story and base, brick and concrete, \$75,000. Architects, Stone & Wright, Stockton. Owners, City of Stockton. Only three sets of figures were received by the Stockton Board of Education on February 25th for the construction of the East Side Grammar School and these figures were rejected. Plans will be put out for figures again without revision. The lowest bid was from Graham & Jensen of San Francisco at \$78,585. A complete list of the figures will be found under the heading of Sacramento, Stockton and Northern California in this issue.

BISHOP, INYO CO., CAL.—School, 1 story and base, reinforced concrete, \$35,000. Architect, G. C. Clements, Bishop. Owners, Bishop School District. Plans for the new reinforced concrete school have been completed and approved by the Board of Education. There will be a number of standard sized class rooms, principal's office, teachers' rooms and an assembly hall. System of oil burning furnace, direct steam, oil burning furnace, pine trim and maple floors in the class rooms. Exterior of the building will be faced with cement plaster. Plans can be seen from the architect. Bids are now being taken and will be opened on March 10th.

TUSTIN, ORANGE CO., CAL.—School, 1 and 2 story and base, brick and concrete. Cost not stated. Architect, Frederick H. Eley, Register Bldg., Santa Ana. Owners, Tustin School District. Plans have been completed for the new brick grammar school building which is to be erected in the Tustin School District. Plans are now out for figures and separate bids will be taken for the general construction, heating and ventilating and plumbing and electric work. Plans can be secured from the architect. Bids will be opened on March 18th.

HYDE PARK, LOS ANGELES CO., CAL.—School, 1 and 2 story, brick and cement plaster, \$100,000. Architect, George A. Howard, Jr., Grant Bldg., L. A. Owners, Hyde Park School District. The sketches provide for six buildings, four, two-room buildings and an auditorium will be erected on the present school site at Hyde Park, and two two-story eight-room buildings will be erected on a new site to be purchased at Angelus Mesa. The buildings will be of frame construction with brick or hollow tile walls, plastered on the exterior. Only preliminary plans have been prepared and further mention will be made of the work at a later date.

VENICE, LOS ANGELES CO., CAL.—School group, 1 and 2 story and base, brick. Cost not stated. Architect, C. H. Russell Co., Union League Bldg., L. A. Owners, Venice Union High School District. Plans for this group of buildings, which have been fully described in these columns before, have been complete, and have received the approval of the Board of Education. Bids for the work are now being taken and will be opened by the Board on March 9th at 3 p. m. Bids will be taken for the general construction with alternates A, B, C, D, E, F, G, and H as per plans and specifications. Plans may be obtained from the architects on deposit of \$20.

ARLINGTON, ORE.—School, 2 story and base, reinforced concrete and brick, \$15,000. Architect, Charles H. Burgraff, Albany, Ore. Owners, Arlington School District. Alternate bids will be taken for reinforced concrete and brick construction. The building will contain four class rooms on the first floor, together with a large corridor; second floor will contain three class rooms, an office and the balance of the floor will be left unfinished at present. Basement will consist of playrooms, lavatories, furnace and fuel rooms. Separate proposals will be received for heating and plumbing, and the balance to be included in the general contract. Plans can be had from the architect. Bids are now being taken and will be opened on March 6th.

ASTORIA, ORE.—School addition, 1 story and base, brick, \$20,000. Architects, Whitehouse & Foulhouse, Wilcox Bldg., Portland. Owners, Astoria School District. The work will consist of the erection of an addition to be used as an auditorium with gallery and seating 800. Other work included in the contract is the completion of the basement. Structure will contain equipped rooms for manual training, domestic science and sewing. Plans will be completed in about one month when bids will be called for. Bonds in the sum of \$20,000 have been voted for this purpose.

Contracts Awarded.
PALMS, LOS ANGELES CO., CAL.—School, 1 story and base, brick, \$34,174. Architects, Dennis & Hewitt, Fay Bldg., L. A. Owners, Palms School District. Contractors, The Hunsberger-Reed Construction Co., Van Nuys Bldg., L. A. Contract price, \$34,174.
EUREKA, HUMBOLDT CO., CAL.—School, 2 story and base, reinforced concrete, \$113,510. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Eureka Union High School District. Contractor, Robert Trost, S. F., general construction. Contract price, \$113,510.

STORES.

SAN FRANCISCO.—Store, 1 story and base, frame, \$5,000. Architect, none. Owner, R. W. Moller, 185 Stevenson street, S. F. The building will be erected on the west side of Montgomery street south of Filbert, and has been designed to contain one store. Interior finish will be of pine throughout. There will be plate glass windows in patent store fronts. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

PASADENA, LOS ANGELES CO., CAL.—Stores and lofts, 6 story and base. Class A construction, \$75,000. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owners, North Raymond Avenue Co. The building will be erected on Raymond avenue near Holly street, and will have a frontage of 50 feet by a depth of 103 feet. Ground floor will be arranged for stores and the upper five floors for light lofts. Construction will be of the reinforced concrete type throughout with reinforced concrete walls, floors, stairways and roof slabs. Interior finish will be of pine and metal. There will be metal window sash and frames, fireproof doors and patent store fronts. Plans provide for two elevators, a hot water system and steam heat. Exterior of the building will be faced with cement plaster. Plans are now being prepared. The work will be carried on by Mathew Slavin, Slavin Bldg., Pasadena.

PORTLAND, ORE.—Stores, offices and theatre, 4 story and base, reinforced concrete, \$100,000. Architect, Aaron H. Gould, Henry Bldg., Portland. Owners, Portland Theatre Syndicate. The building will be erected near the corner of Stark and Park streets, covering an area of 100 feet square. Construction will be of the fireproof type with reinforced concrete walls, floors and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. Trim will be of hardwoods and metal. Metal window sash and frames and patent store fronts are specified. Plans provide for eight stores on the first floor besides the theatre proper, which will have a seating capacity of 2,000 people. Upper floors will be arranged for offices. There will be steam heat, elevator service, a vacuum cleaning system and mail chutes. Exterior of the building will be faced with cement plaster. Actual construction will begin early in March.

SEATTLE, WASH.—Stores and offices, 2 story and base, brick and steel, \$15,000. Architect, Charles H. Bebb, Denny Bldg., Seattle. Owner, Edgar

Eames. The building will be erected at the southwest corner of 2nd avenue and Stewart street, covering an area of 90 by 110 feet. There will be several stores on the first floor and a number of modern offices on the upper floor. Interior will be finished in pine floor and hardwood. There will be metal trim, metal window sash and frames and patent store fronts. Steam heat is specified. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

SEALED PROPOSALS.

NOTICE TO CONTRACTORS.

Office Constructing Quartermaster, Fort Mason, Cal., February 25, 1914.—**SEALED PROPOSALS**, in triplicate, for constructing a ward at Letterman General Hospital, San Francisco, Cal., and installing plumbing, heating and electric wiring in same, will be received here until 11 a. m., March 25, 1914, and then opened. Plans, specifications, etc., can be obtained here. Deposit of \$100.00 required to insure return of plans, etc. Envelopes containing proposals to be addressed to LIEUT. COL. GEO. MCK. WILLIAMSON, Q. M. C. (*)

PROPOSALS FOR ELECTRICAL CONDUCTORS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 4 o'clock p. m. on **Wednesday, the 4th day of March, 1914**, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

For the furnishing and installing overhead electrical conductors for the Union Street Line of the Municipal Railway.

Progressive payments will be made. Said work must be done in accordance with the plans and specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days and completed within sixty (60) calendar days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance has been fixed at \$15,000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Board of Supervisors of said City and County, for an amount not less than ten per centum of the aggregate of the proposal. Printed proposal forms will be furnished gratis upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works.

F. J. CHURCHILL, Secretary.

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the contract to be made and entered into therefor.

The amount of bond for faithful performance has been fixed at \$1,500.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County, for an amount not less than ten per centum of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works, F. J. CHURCH, Secretary.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 829—Proposals for Electrical Fittings and Fixtures, Electric Wire, Soldering Sticks, Wire Clamps, Pliers, Galvanized Wire, Nails, Bolts, Repair Links, Stovepipe, Valves, Tackles, Blocks, Slinging Gaskets, Rubber Valves, Wheels for Wagons, Steel Tapes, and Vitrified Sewer Pipe.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until **10:30 a. m. March 10, 1914**, for furnishing the above mentioned articles. Bids and general information relating to this circular may be obtained from the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also, from the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGGS, major, corps engineers, U. S. A., general purchasing officer.

PROPOSALS FOR EARTH WORK AND TUNNEL.

EARTHWORK AND TUNNEL—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. Reclamation Service, St. Ignatius, Mont., until **2 o'clock p. m. March 20, 1914**, for earthwork and tunnel, Pablo canals, lateral 31A, involving about 3,400 cubic yards of open-cut excavation and about 520 linear feet of tunnel. The work is located about six miles southwest of Polson, Mont. For particulars address the U. S. Reclamation Service, Washington, D. C.; Great Falls, Mont.; or St. Ignatius, Mont. F. H. NEWELL, director.

PROPOSALS FOR LOCOMOTIVE.

COMPRESSED-AIR LOCOMOTIVE—Sealed proposals, indorsed "Proposals for Compressed-Air Locomotive and Accessories," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **12 o'clock a. m. March 14, 1914**, and then there publicly opened for one compressed-air locomotive, a three-stage charging compressor, pipes and fittings, four stations, water and charging stations, and four flat cars for the naval magazine, Kahana Island, Pearl Harbor, Hawaii. Estimated cost, \$7,500. Specifications can be obtained on application to the bureau. H. R. STANFORD, chief of bureau.

NOTICE TO BIDDERS.

PURSUANT to an order of the Board of Supervisors of the County of Stanislaus State of California, made and entered on the 11th day of February, 1914, notice is hereby given that sealed bids will be received by the undersigned Clerk of the said Board up to and not later than the hour of **10 a. m. of the 10th day of March, 1914**, for the construction of a reinforced concrete bridge near Thalmheim in the County of Stanislaus, State of California, in accordance with the plans and specifications on file in my office where the same may be inspected by intending bidders during office hours.

All bids must be accompanied by a certified check on some solvent bank of the state of California in a sum

equal to ten per cent of the amount bid, conditioned that the successful bidder will enter into such contract and furnish such bond as may be required within ten days after such award, or failing so to do will forfeit the amount of such check as liquidating damages for such failure. The Board reserves the right to reject any or all bids.

H. BENSON,
Clerk of the Board of Supervisors.

PROPOSALS FOR METAL FLUMES.

METAL FLUMES—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Great Falls, Mont., until **2 o'clock p. m. March 9, 1914**, for furnishing and erecting metal flumes. The work involves the furnishing of about 7,357 linear feet of flumes of various diameters, ranging from 2 feet 6 1/2 inches to 11 feet, and the erection of about 9,050 linear feet of flume 8 feet 3 1/4 inches diameter. For particulars address the United States Reclamation Service, Washington, D. C., or Great Falls, Mont. F. H. NEWELL, director.

PROPOSALS FOR MACHINERY.

MACHINERY—Department of the Interior, U. S. Reclamation Service, Meadow Creek, Wash.—Sealed proposals will be received at the office of the United States Reclamation Service, Meadow Creek, Wash., until **2 o'clock p. m. March 7, 1914**, for furnishing machinery for the Storage Unit, Yakima Project, Wash. For particulars address the United States Reclamation Service, Meadow Creek, Wash. CHARLES H. SWIGART, supervising engineer.

PROPOSALS FOR SALE OF VESSELS.

SALE OF U. S. NAVAL VESSELS—Sealed proposals will be received at the bureau of supplies and accounts, Navy Department, Washington, D. C., until **12 o'clock a. m. March 14, 1914**, when they will be publicly opened for the purchase of the following vessels: U. S. S. Manila, at navy yard, San Francisco, Cal., appraised value, 10,000; U. S. S. Restless, at naval torpedo station, Newport, R. I., appraised value \$2,000. The Manila will be sold as cash to the highest bidder and the Restless to the bidder offering the highest price above the appraised value. Forms of proposal and bond and information and conditions of sale may be obtained upon application to the bureau of supplies and accounts, Navy Department, Washington, D. C.; or DANIELS, Secretary of the Navy.

PROPOSALS FOR STRUCTURAL STEEL.

STEEL WORK FOR COAL PLANT—Sealed proposals, endorsed "Proposals for Erecting Steelwork" will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until **2 o'clock a. m. March 28, 1914**, and then there publicly opened for erecting structural steelwork for coaling plant, Philadelphia, Pa., for coal, estimated cost, \$60,000. Plans and specifications can be obtained on application to the bureau or to the commanding officer of the naval station named. H. R. STANFORD, chief of bureau.

PROPOSALS FOR STEEL TOWERS.

STEEL TOWERS—Sealed proposals, indorsed "Proposals for four 300-Foot Towers" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. March 28, 1914**, and then there publicly opened for the construction of four steel towers on the Canal Zone. Separate proposals will be received for steelwork and for foundation. Plans and specifications can be obtained on application to the bureau. H. R. STANFORD, chief of bureau.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Department of the Interior, Office of Indian Affairs, Wash-

ington, D. C.—Sealed proposals, plainly marked on the outside of the sealed envelope "Proposals for Additions to Two Western Bonito Indian Schools, Anglo Indian School, Ariz.," and addressed to the "Commissioner of Indian Affairs, Washington, D. C.," will be received at the office of the Indian School, March 23, 1914, for furnishing materials and labor for the construction of additions to two stone dormitories at the Western Bonito Indian School, Ariz., in strict accordance with the plans and specifications, and instructions to bidders, which may be examined at the office of the paper or periodical in which this advertisement appears, the U. S. Indian warehouse at Chicago, Ill.; St. Louis, Mo.; Omaha, Neb.; and San Francisco, Cal., and at the Western Navajo Indian School. For further information apply to the superintendent of the Western Navajo Indian School, Tuba, Ariz. CATO SELLS, commissioner.

PROPOSALS FOR BUILDING.

BUILDING—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals, plainly marked on the outside of the sealed envelope "Proposals for Erick Cotton Dormitories at Pueblo Bonito Indian School, N. Mex.," and addressed to the "Commissioner of Indian Affairs, Washington, D. C.," will be received at the Indian office until **2 o'clock p. m. of March 10, 1914**, for furnishing materials and labor for the construction of three brick cottage dormitories at the Pueblo Bonito Indian School, N. Mex., in strict accordance with the plans and specifications, which may be examined at the office of the paper or periodical in which this advertisement appears, the U. S. Indian warehouse at Chicago, Ill.; St. Louis, Mo.; Omaha, Neb.; and San Francisco, Cal., and at the Pueblo Bonito Indian School. For further information apply to the superintendent of the Pueblo Indian School, Crownpoint, N. Mex. CATO SELLS, commissioner.

NOTICE FOR BIDS.

THE BOARD OF TRUSTEES of the Sanger Union High School District will receive sealed proposals at the High School Building, Sanger, California, up to and not later than **10 o'clock a. m. on Friday, the 13th day of March, 1914**, for the construction of a brick high school building for the said school district, in the town of Sanger, California.

The said building is to be constructed according to the plans and specifications prepared by Swartz, Hotchkiss & Swartz, architects, which have been adopted by the Board of Trustees.

Plans and specifications may be had from the architects, room 401, Rowell Building, Fresno. A deposit of ten dollars will be required from contractors receiving plans and specifications from the architects.

All bids for the general construction of the building must be accompanied by a certified check on some solvent bank in the amount of Three Thousand Dollars (\$3,000.00) in favor of J. J. Edgar, clerk, as a guarantee that the proposer of the bid is accepted, within ten days after the acceptance of the bid and awarding of the contract, execute a contract for the construction of the building, and approved bonds for the faithful and complete performance of the contract as required by law.

The successful bidder will be received for the complete installation of the heating and ventilating system which bids must be accompanied by a certified check in the amount of Five Hundred Dollars (\$500.00) on conditions above stated.

The Board reserves the right to reject any and all bids without recourse. J. J. EDGAR,
Clerk of the Board of Trustees of the Sanger Union High School District.

NOTICE TO ARCHITECTS.

For the benefit of architects inquiring concerning plans for a new high school building to be erected in Chico

School District, the Board of Education of the City of Chicago in and for Chicago School District, hereby invite architects to submit designs for a school building that shall furnish the last mentioned rooms and accommodations as a new requirement. The Board of Education shall judge and select or reject the plans. It is especially understood that no premium or award shall be offered for any rejected plan. The accepted plan shall become the design and plan from which the building shall be erected.

Plans for the proposed new Oakdale grammar school building shall be made to the scale of $\frac{1}{4}$ inch to one foot, and shall consist of the following drawings:

Foundation plan.
Basement story plan.
Main floor plan.
Second story plan.
Roof plan, a longitudinal and a transverse section, four elevations, front, rear and both sides. The proposed building to be combined elementary and grammar school, for approximately 400 pupils, half boys and half girls. The building shall be two stories and basement in height—not fewer than eight nor more than 24'32" above ground level with cloak rooms, each class room with built-in bookcase, not smaller than 12 cu. ft. inside. One office and library for each grade. Heating plant, electric lighting and heating plant with shelving. One auditorium of seating capacity not less than 600. Two basement rooms for manual training. Two basement rooms for domestic arts. Kitchen to be plumbed for water and gas. Entrances, halls, office, and auditorium to be wired for electric lighting. Heating plant for auditorium, and a room for bicycles. No toilet system other than for teachers use need be installed. Small lavatory and drinking fountains must be on each floor.

Plans shall be completely and accurately figured with all necessary dimensions and spacings, and the thickness of each wall in each story shall be clearly indicated. Specifications shall be complete, and shall accurately describe all materials and labor required in the construction and finishing of the building. Each architect who submits plans shall furnish the secretary of the Board of Education with a complete set of plans and specifications as above enumerated, on or before the 9th day of March, 1914, and one of the sets furnished by the successful architect shall be kept as a public record from the date of and following the selection by the Board of Education of such plans and specifications for use in the construction of a public building. The successful architect will be required to finally furnish four full sets of plans and specifications, and four full sets of blue-print detail drawings. Full-size detail drawings for all mill work, stair work, and other parts of the proposed structure shall be furnished and delivered to the board by the successful architect within three weeks from the date of the official adoption of the plans for the building.

In case the successful architect becomes the superintendent of construction of the building, the Board will allow as an entire compensation for the construction of the building 6 per cent of the building exclusive of furnishing and fixtures. In case the architect does not become the superintendent of the building construction, then compensation of 6 per cent shall be divided between the architect and building superintendent in accordance with the prescribed rules for architect's fees. The entire compensation of the successful architect is to be dependent upon the cost of the building. Any change in plans or specifications, from original filed copies—the total cost, as shown by regular bids from reliable contractors, not exceed the sum of \$30,000. In case the board fails to get a bid from a reliable contractor to erect the proposed building for \$30,000 or less, then the architect furnishing the plans, etc., shall forfeit all claim to any compensation whatever for his plans and specifications, etc.

The Board of Education expressly reserves the right to reject any or all plans, also to require such minor changes as may be found necessary before the final adoption of any plan.

CHAS. H. CAMPER,
Secretary Board of Education,
City Hall, Chicago, Cal. (S)

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 819—Proposals for Four Steel Tugboats for Handling and Docking of Vessels at the Entrances of the Panama Canal—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. March 23, 1914, at which time they will be opened in public for furnishing the above

eral information relating to this circular (No. 819) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; F. C. BOGGS, major, corps engineers, U. S. A., general purchasing officer.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, will carefully classified as to location. These same items are repeated in the lower part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE — 2 story and base, frame, \$4,000. San Francisco. Architect, Walter Voddien, 1015 Cole street, S. F. Owners, Thomas Voddien and Son, 1015 Cole street, S. F. The dwelling, which has been designed for a seven-room house, will be erected on the east side of 18th avenue north of California street. Interior finish will be of pine and redwood with oak floors in the principal rooms. There will be furnace heat and an open fire place. Mantel will be of tile. An automatic water heater will be installed. Bath room will have composition floor and tile wainscot. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

RESIDENCE — 2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, A. Duffie, 635 Dolores street, S. F. The dwelling has been designed for a seven-room house and will be erected on 9th avenue near Orviga street. Interior finish will be largely of pine and redwood. Hardwood floors will be used in the living and dining rooms and reception hall. There will be a large open fire place in the living room. Mantel will be of brick. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with brick veneer and cement plaster on metal lath. Plans are complete. Work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$4,500. San Francisco. Architect, none. Owner, J. M. Peters, 1010 Balboa street, S. F. The dwelling has been designed for an eight-room house and will be erected on the east side of 20th avenue south of California street. Interior finish will be of pine, redwood and hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$5,000. San Francisco. Owners, Cleeve Carson and Sons, 219 32nd avenue, S. F. The dwelling will be erected on the south side of Castenda west of San Marcus, and has been designed for an eight-room house with bath and

sleeping porch. Interior will be finished in pine, redwood and hardwood. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater is provided for. Bath room will have composition floor and tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. All work will be done by Day Labor. Owners are now in the market for all materials.

RESIDENCES—7, 2 story and base, frame, \$5,000 each. San Francisco. Architect, Theo S. Boehm, Hewes Bldg., S. F. Owners, Pockman & Co., 27th avenue and Geary. These houses will be erected on lots 35, 36, 37, 55, 56, 57, and 58 in the Lincoln Manor Tract. Each of the dwellings has been designed to contain eight rooms and bath. Interior finish will be of pine, redwood, white enamel and hardwood veneer. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be furnace heat, open fire places and an automatic water heaters. Mantels will be of brick and tile. All bath rooms will have tile wainscot and composition floors. Exteriors will be covered with brick veneer, rustic and cement plaster on metal lath. Plans are in the hands of the owners and work will be done by Day Labor. Materials are now being purchased.

RESIDENCE—1½ story and base, frame, \$2,500. San Francisco. Architect, A. W. Richardson, 2877 Mission street, S. F. Owner, A. Linom, 443 Clipper street, S. F. The dwelling has been designed to contain six rooms and bath and will be erected in the Crocker Amazon Tract. Interior finish will be of pine and redwood. Oak floors will be used in the living room and dining room. There will be a large open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with brick veneer and cement plaster on metal lath. Plans are complete and figures are being taken by the owner.

BUNGALOWS—6, 1½ story and base, frame, \$3,000 each. San Francisco. Architect, O. E. Evans, 2367 Mission street, S. F. Owner's name withheld. These houses will be erected on Douglas street near Castro, and each has been designed to contain seven rooms and bath. Interiors will be finished in pine and redwood with some hardwood veneer. There will be oak floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have tile wainscot and composition floors. Tile wain-

scot will also be used in the kitchens. All houses will be equipped with automatic water heaters. Exterior will be covered with cement plaster on metal lath. Plans are nearly complete and work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$2,000. San Francisco. Architect, none. Owner, William Bahrs, 635 15th avenue, S. F. The dwelling will be erected on the east side of 16th avenue near Anza and has been designed for a six-room house with bath. Interior will be finished in pine and redwood. Oak floors will be used in the principal rooms. There will be a large open fire place in the living room with a tile mantel. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE—1½ story and base, frame, \$2,000. San Francisco. Architect, A. W. Richardson, 2877 Mission street, S. F. Owner, A. Kaufman, Isabel street. The house will be erected on Isabel street near Montcalm avenue, and has been designed to contain seven rooms and bath. Interior finish will be of pine and redwood. Oak floors will be used in the principal rooms. There will be a large open fire place in the living room. Mantel will be of brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, Ben E. Tormey, 1650 Clay street. The dwelling will be erected on the west side of 33rd avenue south of Lincoln Way, and has been designed to contain six rooms and bath. Interior finish will be of pine and redwood. Oak floors will be used in the living room and dining room. There will be a large open fire place with tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

RESIDENCE—2½ story and base, brick veneer, \$15,000. San Francisco. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owner, Mrs. Meyer. The dwelling will be erected on Pacific avenue, and has been designed for a modern city home containing fourteen rooms and six baths. Interior will be finished in pine, redwood and hardwoods. Oak floors will be used throughout, except in the bath rooms which will have tile floors and wainscot. There will be a central heating system, probably furnace heat. Plans provide for six open fire places which will have tile mantels. All bath rooms will be equipped with showers. There will be vacuum cleaning and automatic water heaters. Ornamental plaster will also be used. Exterior of the dwelling will be covered with pressed brick veneer and trimmed with terra cotta. Plans are complete and figures are now being taken.

APARTMENT HOUSE—6 story and base, brick and steel, \$65,000. San Francisco. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owners, Gaffney Estate Co. The building will be erected on a portion of the company's property at the northwest corner of Sutter and Taylor streets, covering an area of 60 by 137½ feet. Upper floors will be arranged for a number of two and three room suites with private baths. Interior finish will be of pine and hardwoods veneer and oak floors in the halls and living rooms. Plans provide for steam heat, a vacuum cleaning system, elevator service and a hot water supply. Bath rooms will have tile wainscot and composition floors. Marble will be used in the entrance lobby. Exterior of the building will be faced with pressed brick and terra cotta. Plans are now being prepared.

APARTMENT HOUSE—3 story and base, frame, \$15,000. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, E. J. Keller. The building will be erected on the east side of 12th avenue north of Irving street, covering an area of 75 by 33 feet. Interior has been arranged for a total of nine apartments of two and three rooms. Pine, redwood and hardwood veneer will be used in the interior finish. Some oak floors are also specified. All suites will have private bath rooms and wall beds. There will be steam heat and a hot water supply. Portable vacuum cleaners will be installed. Bath rooms will be finished in tile and composition floors. Exterior of the house will be covered with veneer pressed brick and cement plaster on metal lath. Plans are complete and in the hands of the owner. Work will be done by Day Labor.

BAKERY—2 story and base, brick, \$10,000. San Francisco. Architects, Righetti & Headman, Phelan Bldg., S. F. Owner's name withheld. This building will be erected on 4th street near Stevenson, and will cover an area of 50 by 85 feet. First floor will contain the bakery proper and upper floor will be arranged for office and shipping rooms. Interior will be finished in pine throughout. A cement floor will be used on the ground floor. Special machinery and equipment will be installed. Metal window sash and frames are specified. Exterior of the building will be faced with pressed brick. Plans are being prepared and figures will be called for shortly.

WAREHOUSE—3 story and base, reinforced concrete, \$12,000. San Francisco. Engineer, James T. Ludlow, 604 Mission street, S. F. Owners, National Ice Cream Co. The building will be in the nature of an addition to the company's plant on Guerrero street north of 16th. Construction will be of the reinforced concrete type throughout with concrete floors and walls. Interior will contain the offices, factory, cold storage rooms and packing and shipping departments. Interior will be finished in pine. Special machinery will be called for. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken.

LAUNDRY ADDITION—1 and 2 story and base, brick. Cost not stated. San Francisco. Architect, Milton Lichtenstein, 111 Ellis street, S. F. Owners, Galland Laundry Co. The building

will be erected at the southeast corner of 8th and Folsom streets in the rear of the company's present building. There will be a cement first floor. Interior finish will be of pine throughout. Metal window sash and frames are specified. Exterior of the building will be faced with stock brick. Plans are complete and figures are being taken.

FLAT ALTERATIONS—3 story frame, \$8,000. San Francisco. Architect, O. E. Evans, 2367 Mission street, S. F. Owner's name withheld. The present three-story frame building will be altered into modern flats. This work will include modern plumbing, new interior finish, painting, plastering and carpentry work. There will be four open fire places and the mantels. Some exterior alterations will also be made. Plans are nearly complete and figures will be called for shortly.

FLATS—2 story and base, frame, \$6,000. San Francisco. Architect, Alvin J. Stern, 1522 Broadway, Oakland. Owner, E. J. Duffey. The building will be erected on the south side of Green street west of Jones, and has been designed to contain two modern flats with garages in the basement. Each flat will consist of five rooms and bath. Interiors will be finished in pine, redwood and hardwood panels. Oak floors will be used in the living rooms and dining rooms. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with a pressed brick veneer base and cement plaster on metal lath. Plans are complete and the owner will shortly take figures.

FLATS—2 story and base, frame, \$4,000. San Francisco. Architect, none. Owners, C. J. and W. J. Keenan, Grove and Masonic streets, S. F. The building, which has been designed to contain two flats of five and six rooms, will be erected on the east side of Masonic avenue north of Hayes, and will cover an area of 25 by 60 feet. Interiors will be finished in pine and redwood with some oak floors. There will be an open fire place in the living room of each flat. Mantels will be of tile. Bath rooms and kitchens will have tile wainscot. Composition floors will be used in the baths. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and shiplap. Plans are in the hands of the owners and the work will be done by Day Labor.

FLAT—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, M. Perrazzo, 284 Lee avenue, S. F. The building has been designed to contain two flats and one store and will be erected on the south side of Ocean avenue east of Lee street. Interior finish will be of pine, redwood and elm panels. Oak floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

FLATS—2 story and base, frame, \$2,500. San Francisco. Architect, A. W. Richardson, 3877 Mission street, S. F. Owner, D. Leibel, 317 Market street, S. F. The present building located at 2905 and 2907 Pine street will undergo extensive alterations. When complete the structure will contain two modern flats of five and six rooms. Interior finish will be of pine and hardwood with oak floors in the living rooms and dining rooms. There will be open fire places and tile mantels. Bath rooms will have composition floors and tile wainscot. Automatic water heaters will be installed. Exterior of the building will be covered with rustic. Plans are complete and the work will be done by Day Labor.

HOSPITAL WARD—2 story, reinforced concrete. Cost not stated. Presidio of San Francisco. Architect, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Plans for an additional ward at the Letterman General Hospital have been completed and are now out for figures. The building will be arranged to contain wards and private rooms. Interior finish will be of pine throughout. Steam heat will be supplied from the hospital's general plant. Exterior will be faced with cement plaster. A clay tile roof is specified. Plans and specifications can be secured from the Constructing Quartermaster's office at Fort Mason. Bids will be opened on March 25th. An official proposal appears in another column of this issue.

HOTEL AND STORES—3 story and base, reinforced concrete, \$20,000. San Francisco. Architects, Phillip Schwerdt & Co., Phelan Bldg., S. F. Owners, H. and I. Wolf. The building will be erected on Sixth street, south of Howard, having a frontage of 25 feet and a depth of 155 feet. There will be one store besides the hotel entrance on the first floor. Upper two floors will contain a number of single rooms and public baths. Interior finish will be of pine and redwood. Plans provide for a central heating system and hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with cement plaster. Patent store fronts and plate glass windows are specified. Plans are complete and a contract will be let within a few days.

HOTEL—4 story and base, brick and steel. Cost not stated. San Francisco. Architect, Albert W. Burgess, Holbrook Bldg., S. F. Owner, William Roeder. The building will be erected at the northwest corner of Turk and Leavenworth streets, covering a considerable ground area. There will be a store and the hotel lobby and office on the first floor. Upper floors will contain 54 guest rooms and 40 baths. Interior finish will be of pine and hardwood with some oak floors. Plans provide for steam heat, elevator service, a hot water supply and vacuum cleaning. Bath rooms will have tile wainscot and composition floors. Ornamental plaster and marble and tile will be used in the entrance and lobby. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$16,000. San Francisco. Architect, Theo W. Lenzen, Humboldt Bank Bldg., S. F. Owners, Braun

and Kley Co. The building will be erected at the northwest corner of Cumberland and Guerrero streets on property 39 by 63 feet. Plans provide for twelve suites arranged in apartments of two and three rooms. All suites will have wall beds and private bath rooms. Interiors will be finished in pine, redwood and some elm panels. Bath rooms will have tile wainscot and composition floors. There will be steam heat and a hot water system. Entrance will be finished in tile and marble. Exterior of the building will be faced with rustic and shiplap. Plans are complete and figures are now being taken.

FLATS—2 story and base, frame, \$6,000. San Francisco. Architect, L. M. Hausman, Sharon Bldg., S. F. Owners, M. W. and J. H. Cain, 620 4th avenue, S. F. The building has been designed to contain two modern flats and will be erected on the north line of Clement street west of 15th avenue, the property having a frontage of 25 feet and a depth of 90 feet. Each flat will consist of six rooms and bath. Interiors will be finished in pine and redwood with elm panels in the living and dining rooms. Oak floors will be used in the principal rooms. There will be open fire places and tile mantels. Automatic water heaters will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owners and work will be done by Day Labor. All materials are now being purchased.

STORE—1 story and base, frame, \$5,000. San Francisco. Architect, none. Owner, R. W. Moller, 195 Stevenson street, S. F. The building will be erected on the west side of Montgomery street south of Filbert, and has been designed to contain one store. Interior finish will be of pine throughout. There will be plate glass windows in patent store fronts. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

Contracts Awarded.

BELT LINE EXTENSION AND TUNNEL—\$219,233. San Francisco. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Contractors, Bates, Borland & Ayer, S. F. Contract price, \$219,233. A complete list of all bids opened by the State Board of Harbor Commissioners for this work will be found under the heading of San Francisco in this issue.

Award Contract For Belt Line Extension.

State Board of Harbor Commissioners
Let Work to Bates, Borland and
Ayer for Belt Line Job.

Bids opened by the State Board of Harbor Commission for the construction of the Belt Line Extension including the tunnel under Fort Mason, were opened at the last meeting of the Harbor Board. The bid of Bates, Borland & Ayer was accepted. Their figures for the work were \$219,233. Other bids received for the work were as follows:

Belt Line Extension.

Bates, Borland & Ayer.....	\$219,233.00
Roberts B. Storrie Co.....	302,075.00
Shattuck, Eppinger Co.....	336,674.50
Luncanson, Harrelson Co.....	271,920.50
Grant Smith & Co.....	262,955.50
Healy-Thibbitts Const. Co.....	251,800.00

The extension will be carried along Jefferson street from the Embarcadero to Van Ness avenue then by tunnel under Fort Mason to Beach and Laguna streets.

Highway Work To Be Let Shortly.

State Highway Commission Open
Figures for Two Pieces of Work,
One in San Mateo and One in
San Diego.

Bids opened by the State Highway Commission in Sacramento on February 24th, for constructing state highways in San Mateo and San Diego Counties show Bates, Borland & Ayer of San Francisco low at \$53,925.40. Work in San Diego County show Taylor & Berliner of Los Angeles low at \$74,951. A complete list of the figures received follow. No award was made.

San Mateo County Div 4 Route 2 See A
Raisch Improvement Co, S. F. \$70,821.50
Flinn & Treacy, S. F. 63,123.00
Bates, Borland & Ayer, S. F. 53,925.40
Clark & Henery Constr Co.

Stockton 68,186.30
Engineer's Estimate, \$79,438.00.

San Diego County, Div. 7 Route 2 See D
Taylor & Berliner, L. A. 74,951.00
Ernest S. Shields, San Diego, 106,399.30
Engineer's Estimate, \$74,852.35.

Building Contracts Awarded

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Am't.
544	Biddell	Whitman	235
545	Center	Gompertz	3943
546	Evers	Schroder	3100
547	Stewart	Whitman	335
548	Egan	Moller	16238
549	Reuter	Reuter	560
550	Bahrs	Bahrs	2900
551	Acme Brewing Co.	Novelty	500
552	Bjorkman	Bjorkman	1400
553	Perrazzo	Perrazzo	3000
554	Bozark	Bozark	1000
555	Rosener	Fink	400
556	Scott	Arlie	400
557	San Christina	Matthews	1091
558	Ruhl	Ruhl	1200
559	Duffie	Duffie	3000
560	Peters	Peters	4500
561	Lerer	Lerer	1000
562	Pockman	Pockman	5000
563	Same	Same	5000
564	Same	Same	5000
565	Same	Same	5000
566	Same	Same	5000
567	Same	Same	5000
568	Same	Same	5000
569	Feldermann	Grell	1000
570	Turner	Turner	500
571	Keenan	Keenan	4000
572	Sullivan	Heaphy	400
573	G G Cloak	Burnette	600
574	Pockman	Pockman	4000
575	Same	Same	4000
576	Same	Same	4000
577	Same	Same	4000
578	Carson	Carson	5000
579	White	Barz	4000
580	Hahn	Rew	2100
581	Tarrant	Anderson	1200
582	Beaudry	Barrett	1440
583	Davidow	Elders	1800
584	Same	May	650
585	Calverley	Anderson	562
586	Crocker	Millett	3623
587	Simmons	Anderson	19729
588	Same	Klemm	2282
589	P T I E	Company	3700
590	Dick	Weber	3714

591	Fr-Am Bank	Glant	978
592	Same	Fuller	4348
593	Same	Lyden	6015
594	Same	Munsto Sons	11500
595	Ludolph	Klaahn	2650
596	Acadry Science	Goerick	4283
597	Same	Stand Elec	1950
598	Same	Lyden	12500
599	Same	Collins	3929
600	McCreery	Burke	48110
601	Hyman Est	W Iron	19212
602	United Cigar	Branch	400
603	Moller	Moller	2000
604	Cain	Cain	1900
605	Miller	Nelson	1000
606	Kleiber	Kleiber	1850
607	Lockwood	Lockwood	750
608	Levin	Bergren	500
609	Baneau	Debricus	400
610	Weinstein	Cahen	400
611	Lloyd	Nichols	400
612	Barnier	Page	400
613	Tormey	Tormey	2500
614	Weinstein	Lynch	750
615	Arata	Brisa	700
616	Vodden	Vodden	4000
617	Livingston	Emanuel	700
618	Nelson	Nelson	2500
619	Fischer	Bergren	300
620	Carson	Carson	5000
621	Hock	Hock	4500
622	Frediani	Cuneo	6000
623	Gray	Leigh	5200

(544) E TWENTY-THIRD AVE 125 S Anza; No. 522 23rd Ave. Alterations to building.

Owner.....C. E. Biddell, 522 23rd Ave San Francisco.

Architect...None.
Contractor...Albert Whitman, 2321 Anza, San Francisco.

Filed Feb. 24, '14. Dated Feb. 9, '14.

Concrete foundations in.....\$135
Completed.....115

Usual 35 days.....85

TOTAL COST, \$335

Bond, limit, forfeit, plans and specifications, none.

(545) W TREAT AVE 49.92 N 18th N 125-6 W 56 S 121 E 9-8 1/2. All work for two-story frame stable and one-story bottling works.

Owner.....The John Center Co., 660 Market, San Francisco.

Architect...None.
Contractor...Charles W. Gompertz, 503 Market, San Francisco.

Filed Feb. 24, '14. Dated Feb. 21, '14.

Frame up.....\$1971
Accepted.....1972

TOTAL COST, \$3943

Bond, none. Limit, 45 days from Feb. 25th. Forfeit, none. Plans and specifications filed.

(546) W FOLSOM AND HARRIET SW 75 NW 81 NE 20 SE 6 NE 55 SE 75.

All work except plumbing, gas fitting, sewer, finish hardware and store front, steps, and mounding for one-story frame stores.

Owner.....F. A. Evers, 485 6th, S. F. Architect...None.

Contractor...Schroder & McIntosh, 765 Folsom, San Francisco.

Filed Feb. 24, '14. Dated Feb. 16, '14.

Ceiling joists set.....\$775
Brown coated.....775

Completed and accepted.....775
Usual 35 days.....775

TOTAL COST, \$3100

Bond, \$1550. Surety, Atlas Planing Mill Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(547) NO. 526 TWENTY-THIRD AVE Alterations to building.

Owner.....L. H. Stewart. Architect...None.

Contractor...Albert Whitman, 2321 Anza San Francisco.

Filed Feb. 24, '14. Dated Feb. 9, '14.

Concrete foundation in.....\$135

Completed.....115

Usual 35 days.....85

TOTAL COST, \$335

Bond, limit, forfeit, plans and specifications, none.

(548) W FOLSOM 75 E Eighth E 25x N 160. All work for three-story brick hotel and stores.

Owner.....Egan Bros., 1150 Folsom, San Francisco.

Architect...None.
Contractor...R. W. Moller, 185 Stevenson, San Francisco.

Filed Feb. 25, '14. Dated Feb. 15, '14.

Second floor joists set.....\$2059.75
Roof on plumbing roughed in and ready for plaster.....2059.75

White coated.....2059.75
Completed and accepted.....2059.75

Usual 35 days.....2750.00

TOTAL COST, \$10,989.00

Bond, \$5500. Surety, The Aetna Accident & Liability Co. Limit, 110 days. Forfeit, none. Plans and specifications filed.

(549) NO. 527-A ANZA. Alterations. Owner.....Wm. Reuter, 527 Anza, San Francisco.

Architect...None.
Day's work.....COST, \$500

(550) E SIXTEENTH AVE 125 S Anza Two-story and basement frame dwlg

Owner.....William Bahrs, 635 17th Ave., San Francisco.

Architect...Wm. Bahrs. Day's work.....COST, \$2000

(551) NO. 1045 MARKET. Electric sign. Owner.....Acme Brewing Co., 1401 Sansome, San Francisco.

Architect...None.
Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.

Filed Feb. 24, '14. Dated Feb. 21, '14.

Accepted.....COST, \$500

(552) SE MORSE AND NEWTON. One and one-half-story and basement frame dwelling.

Owner.....John Bjorkman, 4077 23rd, San Francisco.

Architect...None. Day's work.....COST, \$1400

(553) S OCEAN AVE 100 E Lee. Two story and basement frame store and flats.

Owner.....M. Perrazzo, 284 Lee Ave., San Francisco.

Architect...None. Day's work.....COST, \$3600

(554) W BRIGHT 175 N Stanley. Two story and basement frame dwlg.

Owner.....John Bozark, 121 Bright, San Francisco.

Architect...None. Day's work.....COST, \$1000

(555) NO. 57 POWELL. Alter front. Owner.....Chas. S. Roscner, Prem.

Architect...M. Lichtenstein, 111 Ellis, San Francisco.

Contractor...The Fink Schindler Co., 226 13th, San Francisco.

Filed Feb. 24, '14. Dated Feb. 9, '14.

Accepted.....COST, \$400

(556) NO. 2614 WEBSTER. Minor alterations on residence.

Owner.....Geo. B. Scott, Premises. Architect...None.

Contractor...The Arlie Co., 1527 Pine, San Francisco.

COST, \$400

(557) GORE MARKET AND GOLDEN Gate Ave. Removing partitions so as to enlarge offices.

Owner.....San Christina Invest Co., 1st National Bank Bldg., S. F.

Architect...J. R. Miller, 213 Lick Edg., San Francisco.

Contractor...Mathies & Griffith, 180 Jessie, San Francisco.

Filed Feb. 24, '14. Dated Feb. 15, '14.

Second floor joists set.....\$2059.75
Roof on plumbing roughed in and ready for plaster.....2059.75

White coated.....2059.75
Completed and accepted.....2059.75

Usual 35 days.....2750.00

TOTAL COST, \$10,989.00

Bond, \$5500. Surety, The Aetna Accident & Liability Co. Limit, 110 days. Forfeit, none. Plans and specifications filed.

(558) NO. 2794 DIAMOND. Alter 2nd floor into flat.

Owner.....Mrs. A. P. Ruhl, 4380 Mission, San Francisco.

Architect...None. Day's work.....COST, \$1200

(559) E NINTH AVE 125 N Ortega. Two-story and basement frame dwlg

Owner.....A. Duffie, 685 Dolores, San Francisco.

Architect...None. Day's work.....COST, \$3000

(560) E TWENTIETH AVE 150 S California. Two-story and basement frame dwelling.

Owner.....J. M. Peters, 1010 Balboa San Francisco.

Architect...None. Day's work.....COST, \$4500

(561) NW HARRISON AND 11TH. Two-story frame store house.

Owner.....Joseph Lerer, 381 11th, San Francisco.

Architect...None. Day's work.....COST, \$1000

(562) LOT 35 LINCOLN MANOR TCT. Two-story and basement frame dwlg.

Owner.....Pockman & Co., 37th Ave and Geary, San Francisco.

Architect...Theo. S. Boehm. Day's work.....COST, \$5000

(563) LOT 57 LINCOLN MANOR TCT. Two-story and basement frame dwlg.

Owner.....Pockman & Co., 37th Ave and Geary, San Francisco.

Architect...Theo. S. Boehm. Day's work.....COST, \$5000

(564) LOT 58 LINCOLN MANOR TCT. Two-story and basement frame dwlg.

Owner.....Pockman & Co., 37th Ave and Geary, San Francisco.

Architect...Theo. S. Boehm. Day's work.....COST, \$5000

(565) LOT 55 LINCOLN MANOR TCT. Two-story and basement frame dwlg.

Owner.....Pockman & Co., 37th Ave and Geary, San Francisco.

Architect...Theo. S. Boehm. Day's work.....COST, \$5000

(566) LOT 56 LINCOLN MANOR TCT. Two-story and basement frame dwlg.

Owner.....Pockman & Co., 37th Ave and Geary, San Francisco.

Architect...Theo. S. Boehm. Day's work.....COST, \$5000

(567) LOT 36 LINCOLN MANOR TCT. Two-story and basement frame dwlg.

Owner.....Pockman & Co., 37th Ave and Geary, San Francisco.

Architect...Theo. S. Boehm. Day's work.....COST, \$5000

SYNAGOGUE - - FOR THE
 FIRST HEBREW CONGREGATION
 COR 20TH & WEBSTER STREETS
 OAKLAND - - - - - CAL.
 G. ALBERT LANSBURGH
 ARCHITECT - - - S.F.



SYNAGOGUE FOR FIRST HEBREW CONGREGATION
 Oakland, Cal.

G. Albert Lansburgh, Architect
 San Francisco



THE NEW BROWNLEE APARTMENTS
San Francisco

Henry C. Smith, Architect
San Francisco

(568) LOT 37 LINCOLN MANOR TCT.

Two-story and basement frame dwlg.
Owner.....Pockman & Co., 37th Ave
and Geary, San Francisco.

Architect...Theo. S. Boehm.

Day's work. COST, \$5000

(569) NO. 1716 FILLMORE. Alter
front of dining room.

Owner.....J. D. Feldermann, Prem.

Architect...None.

Contractor..Phillip Grell.

COST, \$1000

(570) NO. 115 RICE. Move dwelling
and add concrete foundation.Owner.....Alice A. Torner, 516 Fulton
San Francisco.

Architect...None.

Day's work. COST, \$500

(571) E MASONIC AVE 25 N Hayes.
Two-story and basement frame (2)
flats.Owner.....C. J. and W. J. Keenan,
Grove and Masonic Ave.,
San Francisco.

Architect...None.

Day's work. COST, \$4000

(572) NO. 525 FELL. Minor repairs
and alterations to dwelling.

Owner.....Mrs. S. Sullivan, Premises.

Architect...None.

Contractor..J. J. Heaphy, 1721 Lom-
bard, San Francisco.

COST, \$400

(573) NO. 1060 MARKET. Alter show
windows and panels.Owner.....Golden Gate Cloak & Suit
Bldg., Premises.Architect...C. W. Dickey, Central Bk.
Bldg., Oakland.

Contractor..Bruce B. Burnett, Oakland

COST, \$600

(574) LOT 49 LINCOLN MANOR TCT.
Two-story and basement frame dwlg.Owner.....Pockman & Co., 37th Ave
and Geary, San Francisco.

Architect...Theo. S. Boehm.

Day's work. COST, \$4000

(575) LOT 52 LINCOLN MANOR TCT.
Two-story and basement frame dwlg.Owner.....Pockman & Co., 37th Ave
and Geary, San Francisco.

Architect...Theo. S. Boehm.

Day's work. COST, \$4000

(576) LOT 50 LINCOLN MANOR TCT.
Two-story and basement frame dwlg.Owner.....Pockman & Co., 37th Ave
and Geary, San Francisco.

Architect...Theo. S. Boehm.

Day's work. COST, \$4000

(577) LOT 51 LINCOLN MANOR TCT.
Two-story and basement frame dwlg.Owner.....Pockman & Co., 37th Ave
and Geary, San Francisco.

Architect...Theo. S. Boehm.

Day's work. COST, \$4000

(578) S CASTENADA 480 W San
Marcos; Lot 21 Bk 17 Forrest HkH
Court. Two-story and basement
frame residence.Owner.....Cleeve Carson & Sons, 219
22nd Ave., San Francisco.

Architect...None.

Day's work. COST, \$5000

(579) SE FELL AND VAN NESS AVE
S 275 E 24-10 1/4 NE 171-5 1/4 N 174-9 1/4
W 164 WA 70. A mill constructionfloor with maple floor over all on
second floor of White Garage Bldg.

Owner.....The White Co., Premises.

Architect...Maurice C. Couchot, 116
Sutter, San Francisco.Contractor..A. W. Barz and W. E.
Roeder, 108 Regent St.,
Alameda.

Filed Feb. 26, '14. Dated Feb. 17, '14.

On 1st and 15th of each month 75c
30 days after..... 25%

TOTAL COST, \$4000

Bond, \$2100. Surety, Massachusetts
Bonding & Insurance Co. Limit, 40
days after Feb. 25. Forfeit, \$10. Plans
and specifications filed.(580) E NINETEENTH AVE 225 S
Noriega S 25x E 120. All work ex-
cept electric wiring and electric fix-
tures for frame bungalow.

Owner.....Nellie Hahn.

Architect...Plans by Contractor.

Contractor..J. W. Rew and H. A. Foy.

Filed Feb. 26, '14. Dated Feb. 24, '14

Rafters up.....\$525

Brown coated..... 525

Completed and accepted..... 525

Usual 35 days..... 625

TOTAL COST, \$2100

Bond, none. Limit, 90 days. Forfeit,

\$10. Plans and specifications filed.

(581) SW UNION AND TAYLOR S
120xW 82-6. Alterations and addi-
tions except concrete cement and
terrazzo work and excavation and
house moving for two frame build-
ings.

Owner.....Pietro Tarantino.

Architect...None.

Contractor..A. Brisa, 625 Vallejo, S. F.

Filed Feb. 26, '14. Dated Feb. 25, '14.

Completed and accepted.....\$650

Usual 35 days..... 640

TOTAL COST, \$1290

Bond, none. Limit, 60 days. Forfeit,

none. Plans and specifications filed.

(582) COM. AT PT 89 N FROM NE
Hermann and Laguna E 27-4xN 17 W
A 214. All work for one-story frame
garage.Owner.....Mrs. A. Beaudry, 4 Laguna
San Francisco.Architect...Righetti & Headman, Phe-
lian Bldg., San Francisco.

Contractor..Barrett & Hilp.

Filed Feb. 26, '14. Dated Feb. 25, '14.

Rough concrete frame done.....\$360

Building roofed and walls ce-
mented..... 360

Completed and accepted..... 360

Usual 35 days..... 360

TOTAL COST, \$1440

Bond, none. Limit, 35 days after Feb.

27. Forfeit, none. Plans and speci-
fications filed.(583) E VAN NESS AVE 67 N Jack-
son. Mill work, etc., for two-story
Class "C" garage building.Owner.....B. Davidson, 46 Kearny,
San Francisco.Architect...O. R. Thayer, Merchants'
National Bank Bldg., S. F.Contractor..G. Elders, 221 Sansome,
San Francisco.

Filed Feb. 26, '14. Dated Feb. 25, '14.

Mill work finished and delivered
to building.....\$462.0050% carpentry work done in-
cluding mill work..... 462.50

Completed and accepted..... 462.50

Usual 35 days..... 462.50

TOTAL COST, \$1800.00

Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

(584) PLUMBING ON ABOVE.

Contractor..Gus May, 3670 18th, S. F.

Filed Feb. 26, '14. Dated Feb. 14, '14.

Roughed in.....\$243.50

Completed and accepted..... 243.50

Usual 35 days..... 163.00

TOTAL COST, \$650.00

Bond, none. Limit, 40 days. Forfeit,

none. Plans and specifications filed.

(585) N PACIFIC 60 E Taylor E 25x
N 62-6. All work except electric
fixtures and shades for three-story
and basement frame flats.

Owner.....Ludovico Cavalieri.

Architect...Chas. J. Rousseau, 46
Kearny, San Francisco.Contractor..N. P. Anderson, 220 Mar-
ket, San Francisco.

Filed Feb. 26, '14. Dated Feb. 26, '14.

Roof on.....\$1420.50

Brown coated..... 1200.50

Accepted..... 1420.50

Usual 35 days..... 1420.50

TOTAL COST, \$5682.00

Bond, \$2841. Sureties, R. Ringrose and
David Dillon. Limit, 90 days. Forfeit,

none. Plans and specifications filed.

(586) SW POST AND POWELL W
127-6 S 63-6 E 69-7 N 6-6 E 67-11 W
57 to be. To furnish models and
cut, carve, hone, polish and set up
in place two Tavernelle marble man-
tels in banquet rooms of mezzanine
floor in building.

Owner.....Crocker Hotel Co.

Architect...Bliss & Faville, Sheldon
Bldg., San Francisco.

Contractor..Stepho Miletin.

Filed Feb. 26, '14. Dated Feb. 14, '14.

On 1st of each month..... 75%

Usual 35 days, 25%.....\$905.75

TOTAL COST, \$3623.00

Bond, \$1850. Surety, National Surety
Co. Limit, 90 days. Forfeit, \$50. Plans
and specifications filed.(587) N CLAY 137-6 W Leavenworth
W 37-6xN 137-6. All work except
plumbing, sewerage, electric fixtures
and wall paper for three-story and
basement frame apartments.Owner.....Hattie and Samuel Wilson
Simmons.Architect...Dunn & Kearns, Monad-
nock Bldg., San Francisco.Contractor..N. P. Anderson, 220 Mar-
ket, San Francisco.

Filed Feb. 26, '14. Dated Feb. 24, '14.

Roof rafters on.....\$3699

Brown coated..... 3699

Standing finish on..... 3699

Completed and accepted..... 3699

Usual 35 days..... 4932

TOTAL COST, \$13,729

Bond, \$9864.50. Sureties, R. Ringrose
and David Dillon. Limit, 100 days after
Feb. 24. Forfeit, \$10. Plans and speci-
fications filed.(588) SEWERING, PLUMBING AND
gas fitting 13 apartments and rough-
ing in for 15 on above.Contractor..Frank J. Kilnam, 221 Oak,
San Francisco.

Filed Feb. 26, '14. Dated Feb. 24, '14.

Roughed in.....\$1000

Completed and accepted..... 711

Usual 35 days..... 571

TOTAL COST, \$2282

Bond, none. Limit, fast as possible.

Forfeit, \$10. Plans and specifications
filed.

(589) EXPOSITION SITE. Construction of concrete foundation on Main Entrance Tower.

Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.
Architect...None.

Contractor...Commery-Peterson Co., 46 Kearny, San Francisco.
Sub-Contractor...New Era Marble & Concrete Co., 430 Divisadero, San Francisco.

Filed Feb. 26, '14. Dated Feb. 16, '14.
26 days after Director of Works makes estimate 75%
Usual 35 days 25%

TOTAL COST, \$3760
Bond, \$1850. Surety, Maryland Casualty Co. Limit, none. Forfeit, \$150. Plans and specifications, none.

(590) NW HOWARD AND TWENTY-third N 40xW 122-6. Interior wood work, furniture and equipment, etc., for Post Office Station.

Owner.....S. W. Dick Co., by P. J. Walker Co., Agents., Monadnock Bldg., S. F.

Architect...C. H. Miller, Dalziel Bldg., Oakland.

Contractor...C. F. Weber & Co., 365 Market, San Francisco.

Filed Feb. 26, '14. Dated Feb. 16, '14.
On completion 75%
Usual 35 days 25%

TOTAL COST, \$3714
Bond, \$1857. Sureties, Chas. W. Welch and A. E. Schwabacher. Limit, without delay. Forfeit, none. Plans and specifications filed.

(591) W TRINITY 68-9 N Sutter W 61-3/4xN 34-4 1/2. Vacuum cleaner equipment, etc., for ten-story addition to present building.

Owner.....French American Bank of Savings oy P. J. Walker Co., Agent.

Architect...E. A. Bozio, 1125 Laguna, San Francisco.

Contractor...Giant Suction Cleaner Co., 731 Folsom, San Francisco.

Filed Feb. 26, '14. Dated Feb. 25, '14.
5 days after acceptance \$578

TOTAL COST, \$978
Bond, \$500. Sureties, N. Alper and S. H. Rowland. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(592) GLASS AND GLAZING ON above.

Contractor...W. P. Fuller & Co., Beale and Mission, S. F.

Filed Feb. 26, '14. Dated Feb. 19, '14.
1st and 15th semi-monthly 75%
30 days after 25%

TOTAL COST, \$3433
Bond, \$1719. Surety, Massachusetts Bonding & Insurance Co. Limit, fast as possible. Forfeit, none. Plans and specifications filed.

(593) PLAIN AND ORNAMENTAL plaster on above.

Contractor...Lyden & Bickel, 269 Fell, San Francisco.

Filed Feb. 26, '14. Dated Feb. 24, '14
Payments same as above.....

TOTAL COST, \$6015
Bond, \$3007.50. Surety, Fidelity & Deposit Co. of Maryland. Limit, rapidly as possible. Forfeit, none. Plans and specifications filed.

(594) MARBLE WORK ON ABOVE.

Contractor...Jos. Musto Sons-Keenan Co., 565 North Point, S. F.

Filed Feb. 26, '14. Dated Feb. 14, '14.

Payments same as above.....

TOTAL COST, \$11,500
Bond, \$5750. Sureties, Marie Adam Musto and Maria Musto. Limit, forfeit, none. Plans and specifications filed.

(595) E TWENTY-FIRST AVE 275 S Irving S 25x E 120. All work for one and one-half-story frame residence.

Owner.....Henry H. Ludolph, 1000 Haight, San Francisco.

Architect...A. Klahn (Uncertificated).

Contractor...A. Klahn & Son, 27 Chenery, San Francisco.

Filed Feb. 27, '14. Dated Feb. 18, '14.

Frame up \$500
Brown coated 500
White coated 500
Completed 500

Usual 35 days 650
TOTAL COST, \$2650

Bond, none. Limit, 90 days. Forfeit, \$1. Plans and specifications filed.

(596) IN GOLDEN GATE PARK. Rough and finish carpenter work for Museum Building.

Owner.....California Academy of Sciences.

Architect...Lewis P. Hobart, Crocker Bldg., San Francisco.

Contractor...W. A. Goericke.

Filed Feb. 27, '14. Dated Feb. 16, '14.

On 15th of each month 75%

Usual 35 days 25%

TOTAL COST, \$4269
Bond, \$2134.50. Surety, Equitable Surety Co. Limit, Aug. 1, '14. Forfeit, none. Plans and specifications filed.

(597) ELECTRICAL WIRING AND conduit system, etc., on above.

Contractor...The Standard Elec. Construction Co., 60 Natoma, San Francisco.

Filed Feb. 27, '14. Dated Feb. 17, '14.
Payments same as above.....

TOTAL COST, \$1950
Bond, \$975. Surety, Equitable Surety Co. Limit, Aug. 15, 1914. Forfeit, none. Plans and specifications filed.

(598) ORNAMENTAL INTERIOR AND exterior plastering on above.

Contractor...Lyden & Bickel, 269 Fell, San Francisco.

Filed Feb. 27, '14. Dated Feb. 17, '14.

Payments same as above.....

TOTAL COST, \$12,500
Bond, \$6250. Surety, The Aetna Accident & Liability Co. Limit, August 1, 1914. Forfeit, none. Plans and specifications filed.

(599) METAL FURRING & LATHING on above.

Contractor...Cornelius Collins.

Filed Feb. 27, '14. Dated Feb. 17, '14.

Payments same as above.....

TOTAL COST, \$3939
Bond, \$1970. Surety, Chicago Bonding & Surety Co. Limit, 30 days after May 1, 1914. Forfeit, none. Plans and specifications filed.

(600) N PINE 87-6 N Sansome W 50x N 137-6. All work for three additional stories to Oriental Bldg.

Owner.....Richard S. McCreery and Mercantile Trust Co. Exrs

Estate Andrew B. McCreery, decd, 221 Sansome, San Francisco.

Architect...Chas. Paft & Co., Merchants' Exchange Bldg., San Francisco.

Contractor...E. F. Burke, 43 Sussex, San Francisco.

Filed Feb. 27, '14. Dated Feb. 18, '14.

On 1st of each month 75%

30 days after 25%

TOTAL COST, \$48,110

Bond, \$24,100. Surety, Pacific Coast Casualty Co. Limit, 90 days. Forfeit, \$25. Plans and specifications filed.

(601) SW TAYLOR AND EDDY W 137-6xS 137-6. Cast and wrought iron, steel work, fire escapes, tank and other work for six-story and basement brick hotel and stores.

Owner.....Morris, Jos. and Julia Hyman, Theresa Stone, Emilie Baruch and the Henry W. Hyman Estate, Kohl Bldg., San Francisco.

Architect...Henry H. Meyers, Kohl Bldg., San Francisco.

Contractor...Western Iron Works, 141 Beale, San Francisco.

Filed Feb. 27, '14. Dated Feb. 26, '14.

On 10th of each month 75%

Usual 35 days 25%

TOTAL COST, \$19,312

Bond, \$9610. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeit, \$50. Plans and specifications filed.

(602) NO. 189 O'FARRELL. Alter and repair stores.

Owner.....United Cigar Stores Co.

Architect...None.

Contractor...J. Branch, 1680 Sanchez, San Francisco.

COST, \$100

(603) W MONTGOMERY 40 S Filbert. One-story and basement store.

Owner.....R. W. Moller, 185 Stevenson, San Francisco.

Architect...None.

Day's work. COST, \$2000

(604) N CLEMENT 105 W 15th Ave. Two-story and basement frame (2) flats.

Owner.....M. W. & J. H. Cain, 620 4th Ave., San Francisco.

Designer...M. W. Cain.

Plans by...L. M. Hausman, Sharon Bldg., San Francisco.

COST, \$6000

(605) NO. 1733 TENTH AVE. Add 1 room and steps.

Owner.....Geo. Miller, Premises.

Architect...None.

Contractor...Emil Nelson, 550 Jersey, San Francisco.

COST, \$1000

(606) N FOLSOM 155 W 10th. Additions to present frame building.

Owner.....Kleiber & Co., 1426 Folsom, San Francisco.

Architect...None.

Day's work. COST, \$1850

(607) NO. 1318 PAGE. Terrazzo steps and mosaic floor and minor changes.

Owner.....Bessie Lockwood.

Architect...None.

Contractor...F. Lockwood, 1202 Stanyan, San Francisco.

COST, \$750

(608) NW POST AND LAGUNA. Repair fire damage.

Owner.....Mrs. L. Levin, 3111 Jackson, San Francisco.

Architect...None.

Contractor...L. G. Bergren & Son, 209 Sanchez, San Francisco.
COST, \$500

(609) NW SAN BRUNO AND BACON. Alter residence.
Owner.....Mr. Baneau, Premises.
Architect...None.
Contractor...A. Debricus, 1753 Oakdale Ave., San Francisco.
COST, \$400

(610) NO. 647 NINTH AVE. Add bath and kitchen, paper and paint flat.
Owner.....Samuel Weinstein, 1641 Market, San Francisco.
Architect...Joseph Cahen, 45 Kearny, San Francisco.
COST, \$400

(611) NW SUTTER AND SCOTT. Alter front and rat proof floor.
Owner.....Lloyd Estate, 51 Sutter, San Francisco.
Architect...None.
Contractor...H. L. Nichols, 1281 Stevenson, San Francisco.
COST, \$400

(612) NW SICKLES AND MISSION RD. Repair saloon.
Owner.....Henry Bornier.
Architect...None.
Contractor...C. W. Page, 12 Sadowa, San Francisco.
COST, \$400

(613) W THIRTY-THIRD AVE 75 S Lincoln Way. Two-story basement and attic frame dwellings.
Owner.....B. E. Tormey, 1650 Clay, San Francisco.
Architect...None.
Day's work. COST, \$2500

(614) NO. 1041 MARKET. Extend balcony.
Owner.....Weinstein Co., Premises.
Architect...None.
Contractor...Wm. C. Lynch & Co., 1364 Webster, San Francisco.
COST, \$750

(615) NO. 320 PACIFIC. Repair and alter laundry.
Owner.....Louia Arata.
Architect...None.
Contractor...A. Brisa, 525 Vallejo, S. F.
COST, \$700

(616) E EIGHTEENTH AVE 360 N California. Two-story and basement frame dwelling.
Owner.....Thos. Vadden & Son, 1015 Cole, San Francisco.
Architect...Walter Vadden, 10¹⁵ Cole, San Francisco.
Day's work. COST, \$1000

(617) NO. 110 GRANT AVE. Construct mezzanine floor.
Owner.....Livingston Bros., Premises.
Architect...None.
Contractor...L. & E. Emanuel, Inc., 144 12th, San Francisco.
COST, \$700

(618) E SIXTEENTH AVE 125 N California. Two-story and basement frame dwelling.
Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.
Architect...None.
Day's work. COST, \$2500

(619) NO. 3337 TWENTY-SECOND. Repair fire damage.

Owner.....E. E. Fischer, Premises.
Architect...None.
Contractor...L. G. Bergren & Son, 209 Sanchez, San Francisco.
COST, \$500

(620) E NINETEENTH AVE 225 "W." One-story and basement frame dwelling.
Owner.....Carson Bldg. Co., 4323 19th San Francisco.
Architect...None.
Day's work. COST, \$5000

(621) N ANZA 57-6 E 9th Ave. Two-story and basement frame (2) flats.
Owner.....F. Hock.
Architect...J. C. Hladik, 825 Monadnock Bldg., S. F.
Day's work. COST, \$4500

(622) W FOLSOM 37-6 S 12th S 25x 87-6. All work for three-story and basement frame flats.
Owner.....Frediani Bros., 1609 Folsom, San Francisco.
Architect & Eng...Falc & Knoll, Hearst Bldg., S. F.
Contractor...Antonio Cuneo.
Filed Feb. 28, '14. Dated Feb. 27, '14.

Frame up	\$1500
Brown coated	1500
Completed	1500
Usual 35 days	1500
TOTAL COST, \$6000	
Bond, \$2000. Sureties, L. Badgalupi & C. J. Costa. Limit, 100 days from issuance of permit. Forfeit, none. Plans and specifications filed.	

(623) S CALIFORNIA 82-6 E 24th Ave E 50xS 100. All work for two two-story six-room and bath residences.
Owner.....John Gray, 447 Broderick, San Francisco.
Architect...None.
Contractor...Leigh & Schultz, 330 8th Ave., San Francisco.

Filed Feb. 28, '14. Dated Feb., '14.
Roof on two buildings.....\$1300
Both buildings brown coated... 1300
Completed and accepted..... 1300
Usual 35 days..... 1300
TOTAL COST, \$5200
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.
NOTE:—One residence will be erected on California street 107-6 E 24th Ave.

CESSATION OF LABOR.

Feb. 28, 1914—EXPOSITION SITE.
Panama-Pacific International Exposition Co. with Ampere-Smith & Co. Work ceased.....Feb. 27, 1914

INCORPORATIONS.

Hygienal Drug Co. Capital Stock, \$10,000; subscribed, \$150; shares, \$5 each. Directors—H. W. Hyland, L. B. Stein, S. E. Straw, 10 shares each. Place of business, San Francisco
The International Automatic Director Co. Capital Stock, \$200,000; subscribed, \$45; shares, \$3 each. Directors—J. A. Stowe, M. Cavileer, M. F. Stowe, 5 shares each. Place of business, San Francisco.
North End Land Co. (Certified). Capital Stock, \$300,000; subscribed, \$50; shares, \$10 each. Directors—R. E. Bousfield, J. E. Bousfield, W. G. Dodge, R. B. Bell, W. G. Kinsell, 1 share each. Place of business, San Francisco.
New Method Gravel Mining Co. Capital Stock, \$75,000; subscribed, \$5;

shares, \$1 each. Directors—H. Holley, F. P. Morrill, O. E. Chaney, L. M. Morrill and M. Holley, 1 shares each. Place of business, San Francisco.

Pan-Opticon Concession Co. Capital Stock, \$250,000; subscribed, \$300; shares, 100 each. Directors—G. W. Alexander, T. W. Forsyth, J. W. V. Vredenburg, 1 share each. Place of business, San Francisco.

Sequoia Motor Car Co. Capital Stock, \$100,000; subscribed, \$50; shares, \$10 each. Directors—G. A. McDougald, O. C. Pratt, E. C. Sharpe, H. F. Reed, C. Pomeroy, 1 share each. Place of business, San Francisco.

Reserve Land Co. Capital Stock, \$200,000; subscribed \$3; shares, \$1 each. Directors—H. H. Whiting, G. Parsons, H. L. Melander, 1 share each. Place of business, San Francisco.

NOTICE OF NON-RESPONSIBILITY.

Feb. 27, 1914—N PINE 141-6 W Jones W 40xN 137-6. Mrs Esther Clymo as to improvements on leased property

Feb. 24, 1914—W THIRTY-THIRD Ave 50 N Irving N 50xW 95. Boston Invest Co as to improvements on leased property

Feb. 24, 1914—W THIRTY-THIRD Ave 75 S Lincoln Way S 25xW 90. Boston Invest Co as to improvements on leased property.....

CESSATION OF LABOR.

Feb. 24, 1914—E LEAVENWORTH 112-6 S Eddy S 25x E 87-6. M J Hynes, Adms Estate Jacob Vits, deed with Burch-Hoffman Co. Work ceased

BUILDING TOTAL FOR FEBRUARY.

\$1574281 Invested in Building Construction.

Building operations for the month of February, as reported by the Bureau of Building Inspection of the Board of Public Works, show that 157 permits have been issued for new buildings, amounting to \$4,438,567, this amount including three public buildings. This Bureau also issued 292 permits for alterations, amounting to \$134,714. The three public buildings included in the report are the New City Hall, Oriental and Cooper Schools.

Following is a complete report, as compiled by the Building Bureau:

Class	No. of Bldgs.	Amount
"A"	1	\$ 2,750
"C"	15	278,240
Frames	138	420,557
Alterations	292	134,714
Public buildings	3	3,738,000
Total	449	\$4,574,281

COMPLETION NOTICES.

San Francisco.

Feb. 18, 1914—W COLE 25-8% N Carmel N 125-1x100. Mary T. Kevin to whom it may concern, Feb. 18, 1914
Feb. 20, 1914—N LOMBARD 168 W Powell 30x137-6. Primo Braghetta to De Benedetti & Cuneo.....
Feb. 20, 1914—N GREEN 116-3% W Jones W 47xN 120. John McGraw to C C W Haun.....Jan. 3, 1914

Feb. 20, 1914—W SPEAR AND HOWARD NW 137-6ASW 68-9. Orville C Pratt Jr to James S Pennell.....
Feb. 20, 1914—S ELLIS 137-6. E Leavenworth E 27-6X137-6. A N Sherman to Petterson & Persson.....
Feb. 20, 1914—S TWENTY-FIFTH 266-6 W Church. James F Long to James F Long.....
Feb. 21, 1914—N POST 68-9 W Polk N 120xW 68-9. Robert Jones to Stanquist & Forbes.....
Feb. 21, 1914—NW JACKSON AND Scott N 127-8 1/2xW 137-6. Academy of the Sacred Heart to Schrader Iron Works, corp.....
Feb. 21, 1914—S OF FARRELL 27-6 W Gough W 55xS 107-6. Emma Brun to C E McMullin & R Von Voorbries.....
Feb. 24, 1914—E EIGHTEENTH AVE 100 S Anza (A) S 25x E 120. Eugene J Egan or Egan to J Welch.....
Feb. 24, 1914—E FREMONT 275 N Harrison N 22 E 137-6 S 21-2 1/2 W 137-6. E W Tucker to W H Reed & Co.....
Feb. 24, 1914—FOLSOM NO. 712. Hyosaku Sugiyama to Gust Artlett.....
Feb. 24, 1914—N RIVOLI 100 E Cole E 75x N 100. N J Nelson to whom it may concern.....
Feb. 24, 1914—S ANZA 29-1 E 24th Ave — 25 S 100 W 25 N 100. Eva C Hughes to whom it may concern.....
Feb. 25, 1914—N POST 75 — Baker W 25xN 100. Herman Lichtenberger to Munster & Bornholdt.....
Feb. 25, 1914—N CLAY AND SW East NW 142 S Merchant W 35 S 115 E 117-6 City Blk "D". C H Holbrook and Wm L McGuire to Thos H Day's Sons.....
Feb. 25, 1914—W EIGHTH AVE 175 S Clement S 75xW 120. Mary and Edward Fox to O E Evans.....
Feb. 25, 1914—S FRANCISCO 70 E Grant Ave E 30xS 122-6. F Pedrini and E Giambastiani and Matteucci & Vannucci Co to S Montani and G Stefanini.....
Feb. 26, 1914—N GREEN 192-3 1/2 W Jones. Geo A Bos to Hermann Bosch.....

LIENS FILED

San Francisco.

Feb. 18, 1914—NE CALIFORNIA & Elrick Lane E 60xN 77-6. William Wade vs Michael Dempiak and Ludwig Beiss.....
Feb. 18, 1914—S LINCOLN WAY 57-6 W 18th Ave 25x120 m or l. Jos Beck vs Sol Getz & Sons, Inc., Martin O'Donnell, L H Hansen and H Moehel.....
Feb. 19, 1914—E THIRTY-SEVENTH Ave 125 N Irving N 25x E 120. J S Guerini & Co vs C Bellanca and Anna Bellanca.....
Feb. 26, 1914—E THIRTY-SEVENTH Ave 125 N Irving N 25x E 120 OL 637. Pietro Santucci. \$209.
Alfonso, \$132 vs Anna Bellanca.....
Feb. 26, 1914—E NINETEENTH AVE 195-5 S Santiago S 29-7x E 120. The Greater City Lumber Co vs

Mrs Elizabeth Greenlin .. \$40
Feb. 20, 1914—S LINCOLN WAY 57-6 W 18th Ave W 25xS 100. Bennett Bros, corp vs Sol Getz & Sons, Inc., Martin O'Donnell, W F Hansen and H L Hansen.....
Feb. 20, 1914—SE PINE & POWELL E 68-6xS 60. Hooper Lumber Co vs John H Bohlig and George H Stoffels.....
Feb. 21, 1914—LOT 19 BLK "A" Mission Terrace described as N Capistrano Ave 41.58 E San Jose Ave E 25.09 N 136.17 W 29.94 S 134. 49. Banning & Stewart vs Joseph & Theresa Michel.....
Feb. 21, 1914—SE PINE & POWELL E 68-6xS 60. C E Gordon vs John Bohlig.....
Feb. 21, 1914—W TOWNSEND AND Seventh SW 170xNW 200. Hauptmann Lumber Co vs R Rosenberg & Sons Co, Cpn.....
Feb. 21, 1914—W MISSION NO S 22nd W 125xS 40. F N Hayman Co vs C P Gibbons, A Streng and H M Hage (as Star Bakery & Cafe) and C Walton.....
Feb. 21, 1914—E THIRTY-SEVENTH Ave 175 N Irving N 25x E 120. Levy Elec Co vs Anna Bellanca.....
Feb. 21, 1914—SE PINE & POWELL E 68-6xS 60. C E Gordon vs Geo H Stoffels and John H Bohlig.....
Feb. 21, 1914—SE PINE & POWELL 68-6x60. Bass Heuter Paint Co vs C E Gordon & John H Bohlig.....
Feb. 21, 1914—N GEARY 138 E Van Ness Ave E 26xN 120. Pioneer Plate & Window Glass Co vs Jas P Sweeney and H H Sattler.....
Feb. 25, 1914—W LYON 87-6 S Sutter S 75xW 119-5. H C Mulvaney vs Bridget McErlane.....
Feb. 24, 1914—W MISSION NO S 22nd W 125xS 40. F N Hayman Co vs C P Gibbons, A Streng and H M Hage (Star Bakery & Cafe) and C N Walton.....
Feb. 26, 1914—SE POWELL & PINE S 60x E 68-6. Geo H Stoffels vs J H Bohlig.....
Feb. 26, 1914—W TOWNSEND AND Seventh SW 170xNW 200. H D Samuel and Thomas H Price vs R Rosenberg & Sons Co and W C Boswell.....
Feb. 26, 1914—W TOWNSEND AND Seventh SW 170xNW 200. Hab-enicht & Howlett, \$108.40; California Mill Co, \$214.44; National Elec. Co, \$61.70 vs R Rosenberg & Sons Co and W C Boswell.....
Feb. 26, 1914—W TOWNSEND AND Seventh SW 170xN 200. J B Ayres vs R Rosenberg & Sons Co and W C Boswell.....

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 2 story and base, frame, \$3,500. Oakland, Cal. Architect, none. Owner, I. W. Button, 347 63rd street, Oakland. The dwelling has been designed for a seven-room house with bath and sleeping porch, and will be erected on the west side of Hillegass avenue near 62nd street. Interior finish will be largely of pine and redwood. Some veneer hardwood will be used in the living and dining rooms. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room

will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

BUNGALOW — 1 story and base, frame, \$3,200. Oakland, Cal. Architect, none. Owners, Collins Bros., 825 57th street, Oakland. This dwelling has been designed for a six-room house, and will be erected on the north side of Everett avenue near 13th avenue. Interior will be finished in pine and redwood with hardwood veneer in the living room and dining room. Oak floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and composition floor. An automatic water heater is specified. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are in the hands of the owners and the work will be done by Day Labor. Materials are now being purchased.

RESIDENCE — 2 story and base, base, frame, \$9,000. Oakland, Cal. Architect, F. D. Voorhees, Central Bank Bldg., Oakland. Owner's name withheld. The dwelling will be erected on Lake Shore Drive near Rand avenue, and has been designed to contain eight rooms, bath and sleeping porch. A garage will also be erected on the property. Interior of the dwelling will be finished in pine, redwood and hardwood. Oak floors will be used throughout except in the bath which will have composition floor. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of both dwelling and garage will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

BUNGALOW—1 1/2 story and base, frame, \$3,500. Berkeley, Alameda Co., Cal. Architect, George Anderson, 6046 Lawton avenue, Oakland. Owner, Thomas A. Anton. The dwelling has been designed for a seven-room house and will be erected on Claremont avenue. Interior finish will be largely of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have composition floor and tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

BUNGALOW—1 1/2 story and base, frame, \$3,200. Oakland, Cal. Architects, The Elite Planners, 1844 5th avenue, Oakland. Owner, Edward Lawlor. The dwelling will be erected in Piedmont by the Lake, and has been designed to contain seven rooms, bath and sleeping porch. Interior will be finished in pine, redwood and some hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or the

brick. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now nearly complete.

BUNGALOW — 1 story and base, frame, \$3,200. Oakland, Cal. Architect, none. Owners, Collins Bros., 825 57th street, Oakland. The dwelling will be erected on Everett street near 13th avenue, and has been designed for a seven-room house with bath and sleeping porch. All interior finish will be of pine and redwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Composition floor will be used in the bath room. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE — 2 story and base, frame. Cost not stated. Piedmont, Alameda Co., Cal. Architect, Claude B. Barton. Security Bldg., Oakland. Owner, H. P. Houston. The dwelling will be erected in Piedmont Manor, and has been designed to contain eight rooms, bath and sleeping porch. Interior will be finished in pine, redwood and hardwood veneer. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster. Plans are complete and figures are now being taken by the architect.

BUNGALOW — 1½ story and base, frame, \$3,500. Oakland, Cal. Architect, Alvin J. Stern, 1522 Broadway, Oakland. Owner, Peter Lindblad. The dwelling will be erected in the Fourth Avenue Terrace Tract, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be largely of pine and redwood. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Hardwood floors will be used in the living room, dining room and reception hall. There will be an automatic water heater. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$7,000. Berkeley, Alameda Co., Cal. Architect, William A. Plovman, 3601 Telegraph avenue, Berkeley. Owner, William Ashland. The dwelling will be erected in Northbrae, and has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine and redwood. Some oak floors will be used. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCES — 1 1½ story and 2, 1 story, frame, \$3,000 and \$2,500. Oakland, Cal. Architect, Alvin J. Stern, 1522 Broadway, Oakland. Owner, Edward Sommarstrom. These houses will be erected in Piedmont by the Lake, the two one-story dwellings being designed to contain six rooms each and the 1½ story house to contain seven rooms. Interiors will be finished in pine, redwood and hardwood veneer. Oak floors will be used in the living rooms, dining rooms and reception halls. There will be furnace heat and open fire places. Mantels will be of tile and brick. Automatic water heaters will be installed. Bath rooms and kitchens will have the wainscot and composition floors. Exterior of the three houses will be covered with cement plaster on metal lath.

RESIDENCE — 2 story and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architect, F. R. Peake Co., 2127 University avenue, Berkeley. Owner, Mrs. J. U. De Roco. The house will be erected on Euclid avenue south of Keith and has been designed to contain six rooms, bath and sleeping porch. Interior will be finished in pine and redwood with hardwood floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath rooms will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor under the direction of F. R. Peake Co.

RESIDENCE — 2 story, attic and base, frame, \$23,000. Berkeley, Alameda Co., Cal. Architect, William H. Ratcliff. First National Bank Bldg., Berkeley. Owner, E. A. Nickerson, First National Bank Bldg., Berkeley. The dwelling will be erected at the junction of the Tunnel and Roble Roads, and has been designed for a ten-room house with several baths and sleeping porches. A garage will also be erected on the property. Interior finish will be of pine, redwood and hardwoods. Oak floors will be used in the principal rooms. Plans provide for furnace heat, open fire places, a vacuum cleaning system and automatic water heaters. Bath rooms will be finished in tile and will have composition floors. Exterior of the dwelling and garage will be covered with cement plaster on metal lath. Plans are now practically complete and figures will be called for shortly.

RESIDENCE — 1 story and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architect, none. Owners, Junk-Riddell Investment Co., 2247 Telegraph avenue, Berkeley. The dwelling has been designed for a six-room house with bath and sleeping porch, and will be erected on Buena Vista Way near Greenwood Terrace. Interior finish will be of pine and hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Composition floor will be used in the bath room. Exterior of the house will be covered with shakes. Plans are complete and in the hands of the owner who will do the work by

Day Labor. Materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$5,000. Oakland, Cal. Architect, none. Owner, E. J. Lloyd, 1057 Walker avenue, Oakland. The dwelling will be erected on Fairbanks avenue, and has been designed to contain eight rooms and bath. All interior finish will be of pine or redwood. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot and composition floors will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner and work will be done by Day Labor. All materials are now being purchased.

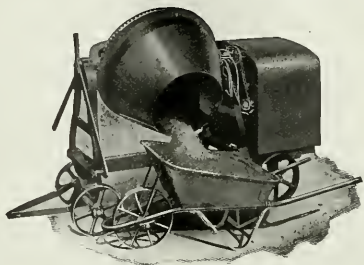
RESIDENCE — 2 story and base, frame, \$9,000. Oakland, Cal. Architect, none. Owner, Edward Olsen, 277 Bay View avenue, Oakland. The dwelling will be erected at the northeast corner of College avenue and Manila. The dwelling has been designed to contain nine rooms and a store. Interior will be finished in pine and redwood. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Store will have plate glass windows and patent store fronts. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

APARTMENT HOUSE — 3 story and base, frame, \$10,000. Oakland, Cal. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner's name withheld. The building will be erected on 36th street and has been designed to contain a number of two and three room suites. All apartments will have wall heats and private bath rooms. Interiors will be finished in pine and redwood. Oak floors will be used in the hallways and dining rooms. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and terrazzo. Exterior of the house will be covered with rustic and shiplap. Plans are now being prepared.

FLATS — 2 story and base, frame, \$5,000. Oakland, Cal. Architect, Alvin J. Stern, 1522 Broadway, Oakland. Owners, Coit Investment Co. The building will be erected at the corner of 34th and Dover streets and has been designed to contain four flats of four and five rooms. Interior finish will be of pine with hardwood floors in the principal rooms. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Marble and tile will be used in the entrance. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be carried on by Day Labor.

MUNICIPAL AUDITORIUM — 2 story. Class A construction. Cost not stated. Oakland, Cal. Architect, J. J. Donovan, associated with Walter Mathews, Oakland. Owners, City of Oakland. Bids opened on February 26th for preparing the site, concrete work, granite work

Get It From Bacon



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BIG-AN-LITTLE BATCH CONCRETE MIXER.

Just the thing for mixing concrete for foundations, bridges, walls, culverts, etc.

—O—

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—O—

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38-40 NATOMA STREET

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San Francisco

and granite setting show Christenson Bros. low at \$196,360. A complete list of all bids together with the alternate propositions will be found under the heading of Oakland and Alameda County in this issue.

HOTEL ADDITION — 2 story and base, frame, \$10,000. Oakland, Cal. Architect, M. L. Newsom, 1832 5th avenue, Oakland. Owner, T. Galvan. The build-

ing at the corner of 7th and Henry streets will undergo repairs, and two additional stories will be added. These new doors will contain 24 rooms and several public baths. Interior finish will be of pine and redwood. A hot water system will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

Bids Opened For Oakland Auditorium.

Bids were opened Thursday, February 26th, by the City Council of Oakland for the new auditorium as follows:

Bids were called for the preparation of the site, concrete work and granite work and setting.

Five alternates were called for as follows: Alternate No. 1—Manti Stone and substitute reinforced concrete

backing for reinforced concrete wall.

Alternate No. 2—Indiana Lime Stone and substitute reinforced concrete lacking for reinforced concrete wall.

Alternate No. 3—Granite work and substitute reinforced concrete as above

Alternate No. 4—Substitute brick wall for reinforced concrete wall.

Alternate No. 5—Brick hacking and wall instead of reinforced concrete lacking and walls.

	No. 1	No. 2	No. 3	No. 4	No. 5
	add	add	add	add	deduct
Lewis A. Hicks.....	\$229,000	\$65,000	\$78,000	\$1100	\$ 900
Sound Constr & Eng Co.	\$63,350	57,000	72,000	.....	600
					add
Clinton Fireproofing Co..	197,000	72,300	60,000	\$1,500	3800
Christensen Bros.....	196,360	.....	.....	.....	4000

Building Contracts Awarded Oakland.

No.	Owner	Contractor	Amt.
396	Consumers Yeast.	Munster	1000
397	Lewis	Lewis	1000

No.	Owner	Contractor	Amt.
398	Dotson	Dotson	150
399	S. P.	S. P.	400
400	Korpacey	Korpacey	1000
401	Bennett	Foss	1535
405	Soule	Jackson	400
406	Pfeitner	Pfeitner	1400
407	Davenport	Davenport	2200
408	Hirao	Hirao	500
409	Same	Same	500

410	Cormack	Cormack	1600
411	Lee	Hovey	1200
412	Borrello	Burnett	1200
413	Dayville	Peona	2000
414	Vierra	Vierra	500
415	Hanson	Anderson	5300
416	Country	Lewis	2233
417	Young	Young	1700
418	Sheridan	Sheridan	2000
419	Eulton	Eulton	3500
420	Same	Same	3500
421	Stillwell	Roth	400
422	Warren	Warren	500
423	Stil	Longbery	1200
424	Barcellas	Rodriges	500
428	Collins	Collins	3200
429	Marquis	Anderson	1500
430	Same	Same	1500
431	Burke	Johnson	3750
432	Vaughn	Woodard	400
433	Bischoff	Risch off	500
434	Lloyd	Lloyd	3500
435	Olsen	Olsen	9000
436	Swalley	Swalley	400
437	Babcock	Babcock	1800
445	Smith	Legault	2032
446	Whitaker	Boehrer	2500
447	Bolts	Bolts	2000
448	Van Lamselt	Bartlett	600
449	Oakland	Olsen	400

(296) NO. 1372 FIFTH, Oakland. Ad-

dition.

Owner.....Consumers' Compressed

Yeast Co., Premises.

Architect.....None.

Contractor.....Munster & Bornholdt, 1530

Broderick, San Francisco.

COST, \$1000

(397) S LIESE AVE 100 W Minnie.

Oakland. One-story 4-room dwlg.

Owner.....A. Lewis, 3230 Lieise Ave.,

Oakland.

Architect.....None.

Day's work.....COST, \$1000

(398) S PLYMOUTH 200 W Jones Ave

Oakland. One-story 5-room dwlg.

Owner.....J. H. Dotson, 1334 96th Ave

Oakland.

Architect.....None.

Contractor.....J. H. Dotson, 1364 96th Ave

Oakland.

COST, \$1550

(399) SE EIGHTEENTH & POPLAR.

Oakland. Signal Tower.

Owner.....Southern Pacific Co., 412

13th, Oakland.

Architect.....None.

Day's work.....COST, \$400

(400) W NEVADA 125 N Jones Ave.,

Oakland. One-story 5-room dwlg.

Owner.....M. Korpacey, 720 Nevada,

Oakland.

Architect.....None.

Day's work.....COST, \$1000

(401) NO. 404 E-FOURTEENTH, Oak-

land. Alterations and additions.

Owner.....C. Bennett, Premises.

Architect.....F. D. Voorhees, Centra'

Bank Bldg., Oakland.

Contractor.....C. C. Foss, 1242 First Ave.,

Oakland.

COST, \$1535

(405) TWELFTH AND WASHINGTON

Bacon Bldg., Oakland. Repairs.

Owner.....B. L. Soule, Premises.

Architect.....None.

Contractor.....P. H. Jackson & Co., 237

1st, San Francisco.

COST, \$400

(406) W SEVENTY-SEVENTH AVE

325 S Warren, Oakland. One-story 4

room dwelling.

Owner.....H. A. Pfeitner, 954 Fruit-

vale Ave., Oakland.

Architect.....None.

Day's work.....COST, \$1400

(407) W MANILA AVE 50 N Cavour, Oakland. One-story 6-room dwlg. Owner.....Hewitt Davenport, Dalziel Bldg., Oakland.
Architect...G. H. Miller, Dalziel Bldg. Oakland.
Day's work. COST, \$2200

(408) W 105TH AVE 640 S Knight, Oakland. Hot house.
Owner.....Kazumi Hirao. Sunset Nursery, 105th Ave., Okd.
Architect...None.
Contractor...I. H. Hiran, Sunset Nursery, 105th Ave., Oakland.
COST, \$500

(409) W 105TH AVE 685 S Knight, Oakland. Hot house.
Owner.....Kazumi Hirao. Sunset Nursery, 105th Ave., Okd.
Architect...None.
Contractor...I. H. Hiran.
COST, \$500

(410) W WEBSTER 88 S 42nd, Oakland. One-story 5-room dwelling.
Owner.....Margaret Cormack, 589 39th, Oakland.
Architect...None.
Contractor...R. Cormack, 589 39th, Okd.
COST, \$1600

(411) SE TWENTY-FOURTH AVE & E-26th, Oakland. One-story 4-room dwelling and store.
Owner.....Geo. H. Lee, 1212 Fruitvale Ave., Oakland.
Architect...None.
Contractor...C. E. Hovey, 3145 Peralta Ave., Oakland.
COST, \$1200

(412) N FORTY-NINTH 133 W Broadway, Oakland. One-story four-room dwelling.
Owner.....E. Borello, 443 43rd, Okd.
Architect...None.
Contractor...G. Brunetti, 443 43rd, Okd.
COST, \$1200

(413) NE LONGFELLOW & 100TH Ave., Oakland. Two-story five-room dwelling.
Owner.....G. Davalle, 713 Castro, Oakland.
Architect...None.
Contractor...John Perona, 674 19th, Oakland.
COST, \$2000

(414) E TWENTY-SEVENTH AVE 206 S E-9th, Oakland. One-story 3-room dwelling.
Owner.....A. Vierra, 2749 Boehmer, Oakland.
Architect...None.
Day's work. COST, \$500

(415) W CLAY 150 N Third, Oakland. All work for two-story brick bldg.
Owner.....John Hanson and J. C. McDermed, Oakland.
Architect...None.
Contractor...John Anderson, 1424 Broadway, Oakland.
Filed Feb. 25, '14. Dated Feb. 24, '14.
2nd floor joints in place.....\$1250
Brick work completed.....1250
Completed1250
Usual 35 days.....1550
TOTAL COST, \$3300

Bond, none. Limit, 55 days after Feb. 25. Forfeit, none. Plans and specifications filed.

(416) W SCHOOL 200 S County Road from Centerville to Niles W 227.81 SE 147.96 NE 172.73, Centerville. All

work for one-story frame building.
Owner.....The Country Club.
Architect...None.
Contractor...Lewis & Silva.
Filed Feb. 25, '14. Dated Feb. 21, '14.
Frame up and roof sheathed \$474.94
1st coat plaster on.....474.94
Completed474.94
Usual 35 days.....815.54
TOTAL COST, \$2239.35
Bond, \$950. Sureties, B. C. Hansen and P. T. Hawes. Limit, 90 days. Forfeit, \$5. Plans and specifications, none.

(417) E BROWN (or Whitney) 176 N Fifty-ninth, Oakland. One-story 5-room dwelling.
Owner.....W. S. Young, 523 63rd, Okd.
Architect...None.
Day's work. COST, \$1700

(418) W SIXTY-FOURTH 100 S Bronley, Oakland. One-story five-room dwelling.
Owner.....K. M. Sheridan, 1020 Broadway, Oakland.
Architect...None.
Day's work. COST, \$2000

(419) W HILLEGASS AVE 100 N 62nd, Oakland. Two-story 6-room dwlg.
Owner.....I. W. Button, 347 63rd, Okd.
Architect...None.
Day's work. COST, \$3500

(420) E HILLEGASS AVE 140 N 62nd, Oakland. Two-story 6-room dwlg.
Owner.....I. W. Button, 347 63rd, Okd.
Architect...None.
Day's work. COST, \$3500

(421) NO 3441 FRUITVALE AVE., Oakland. Alterations.
Owner.....H. Stillwell, 2699 Montana, Oakland.
Architect...None.
Contractor...Conrad Roth, 2117 Pacific Ave., Alameda.
COST, \$100

(422) NO. 1020 TENTH, Oakland. Alterations.
Owner.....W. J. Warren, 731 2nd, Oakland.
Architect...None.
Day's work. COST, \$500

(423) NW THIRTY-SECOND AND Grove, Oakland. Two-story 5-room dwelling.
Owner.....J. F. Sill, Premises.
Architect...None.
Contractor...J. F. Loughery, 705 31st, Oakland.
COST, \$1290

(424) NO. 1428 FORTY-FOURTH AVE Oakland. Alterations.
Owner.....L. Barcelas, Premises.
Architect...None.
Contractor...J. Rodrigues, 1409 47th Ave., Oakland.
COST, \$500

(428) N EVERETT AVE 210 E 13th Ave., Oakland. One-story 6-room dwelling.
Owner.....Collins Bros., 825 57th, Okd.
Architect...None.
Day's work. COST, \$3200

(429) S AGUA VISTA 300 W High, Oakland. One-story 5-room dwlg.
Owner.....E. M. Marquis, 2827 Russell Berkeley.
Architect...None.
Contractor...C. Anderson.
COST, \$1500

(430) W FORTY-FIRST AVE 300 S Santa Rita, Oakland. One-story 5-room dwelling.
Owner.....E. M. Marquis, 2827 Russell Berkeley.
Architect...None.
Day's work. COST, \$1500

(431) S FAIRBANKS 157 W Kenmore Ave., Oakland. Two-story 8-room dwelling.
Owner.....Louis Burke.
Architect...None.
Contractor...Louis Johnson, 223 Greenbank Ave., Piedmont.
COST, \$3750

(432) EL CENTRO AVE 125 E 13th Ave., Oakland. Garage.
Owner.....E. P. Vaughan, Premises.
Architect...None.
Contractor...E. W. Woodard, 2645 13th Ave., Oakland.
COST, \$400

(433) E CHERRY 120 N Harwood Ave Oakland. One and one-half-story 6-room dwelling.
Owner.....Jno. A. Blischoff, 551 Crofton Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

(434) S FAIRBANKS AVE 210 E Walker Ave., Oakland. Two-story 8-room dwelling.
Owner.....E. J. Lloyd, 1057 Walker Ave., Oakland.
Architect...None.
Day's work. COST, \$3500

(435) NE COLLEGE AND MANILA Ave., Oakland. Two-story 9-room dwelling and stores.
Owner.....Ed Olsen, 977 Bay View Ave., Oakland.
Architect...None.
Day's work. COST, \$9000

(436) NW WICKSON AND WARFIELD Ave., Oakland. Garage.
Owner.....H. M. Swalley, 745 Grand Ave., Oakland.
Architect...None.
Day's work. COST, \$400

(437) N BROOKDALE AVE 111 E 35th Ave., Oakland. One-story 6-room dwelling.
Owner.....O. F. Babcock, 3522 Brookdale Ave., Oakland.
Architect...None.
Day's work. COST, \$1800

(445) NO. 473 THIRTEENTH, Oakland Alterations to store.
Owner.....E. A. Smith.
Architect & Supt....J. Henry Boehrer, 473 14th, Oakland.
Contractor...Alfred Legault, 3929 West, Oakland.
Filed Feb. 25, '14. Dated Feb. 26, '14.
Contract signed\$150
Rough carpenter work in place.....688
Mill work in place.....688
Completed688
10 days after.....738
TOTAL COST, \$2952

Bond, \$1476. Surety, Southwestern Surety Ins. Co. Limit, 21 days. Forfeit, none. Plans and specifications, none.

(446) NO. 473 THIRTEENTH, Oakland Alterations.
Owner.....Whitaker, Premises.
Architect...None.

Contractor..Boehrer & Legault, Delger Bldg., Oakland.
COST, \$2500

(147) S HARPER COURT 190 W 35th Ave., Oakland. One-story 5-room dwelling.

Owner.....M. C. Polts 3116 Central Ave., Alameda.

Architect...None.
Day's work. COST, \$2000

(148) NO. 1225 WASHINGTON, Oakland. Alterations.
Owner.....P. J. Van Lobensels, Prem.
Architect...None.

Contractor..J. N. Bartlett, 1741 Virgin a Oakland.
COST, \$600

(149) NO. 1313 FRANKLIN, Oakland. Garage.
Owner.....Oakland Comp., State Svcs Bank, Oakland.

Architect...None.
Contractor..Edw. Olsen.

COST, \$400

Building Contracts Awarded

Berkeley.

No.	Owner	Contractor	Amt.
402	Clark	Porter	1500
403	Sargent	De Kay	2000
404	McFarland	Wiley	750
425	S. F. Fruit	Offe	500
426	United Bldrs	Owner	1600
427	Dalley	Hubbard	1500
428	Junk	Riddell	2000
433	Horgan	Mailanen	2450
440	Hollaway	Hollaway	1600
441	Bigelow	Bigelow	1000

(402) S HEARST AVE 100 E Shattuck Ave., Berkeley. Two-story six-room dwelling.

Owner.....Dora E. Clark, Berkeley.
Architect...None.

Contractor..Porter Bros., 1714 Vine, Berkeley.

COST, \$1500

(403) E WALNUT 240 S Vine, Berkeley. Two-story 6-room dwelling.

Owner.....B. F. Sargent, 1522 Walnut, Berkeley.

Architect...None.
Contractor..Geo. H. De Kay, 2000 Shattuck Ave., Berkeley.

COST, \$2000

(404) SW PIEDMONT AND PARKER, Berkeley. Alterations.

Owner.....E. L. McFarland, 1st Nat'l Bank Bldg., Berkeley.

Architect...None.
Contractor..J. M. Wiley, 1718 Hearst Ave., Berkeley.

COST, \$750

(425) NW FOURTH AND CHANNIN; Way, Berkeley. Alterations.

Owner.....S. L. Fruit Co.
Architect...None.

Contractor..F. Offe, 1025 Bristol, Berkeley.

COST, \$500

(426) W STANTON 250 W Ashby, Berkeley. One-story 5-room dwlg.

Owner.....United Home Bldrs., 1762 Broadway, Oakland.

Architect...None.
Day's work. COST, \$1600

(427) E BONAR 150 N Dwight, Berkeley. One-story 5-room dwlg.

Owner.....F. H. Dalley, Ricardo and Blair, Piedmont.

Architect...None.

Contractor..R. W. Hubbard, 3608 Hagemann, Oakland.
COST, \$1500

(433) E BUENA VISTA WAY 100 W Greenwood Terrace, Berkeley. One-story 6-room dwelling.

Owner.....Junk-Riddell Invest. Co., 2247 Telegraph Ave., Bkly.

Architect...None.
Day's work. COST, \$3000

(439) N EUNICE 90 E Arch N 100xE 45, Berkeley. All work except cement sidewalk for one and one-half-story dwelling.

Owner.....D. J. Horgan.
Architect...Leonard H. Ford, 2136 Center, Berkeley.

Contractor..Otto Mailanen, Paul Gustafson and August Laine, 2123-B 9th, Berkeley.

Filed Feb. 27, '14. Dated Feb. 27, '14.

Frame up\$600
Brown coated 600

Completed 600
Usual 35 days..... 650

TOTAL COST, \$3450

Bond, \$1225. Sureties, H. J. Quinn and R. R. Henno. Limit, 75 days. Forfeit, \$1. Plans and specifications filed

(440) W BONAR 295 S Bancroft, Berkeley. One-story 5-room dwelling.

Owner.....Geo. K. Hollaway Sr., 2119 45th Ave., Oakland.

Architect...None.
Day's work. COST, \$1600

(441) N CHANNING WAY 310 W Dana Berkeley. Alterations.

Owner.....D. S. Bigelow, 2333 Channing Way, Berkeley.

Architect...None.
Day's work. COST, \$1000

Building Contracts Awarded

Alameda.

No.	Owner	Contractor	Amt.
442	Johnson	Johnson	2250
443	Lundholm	Lundholm	1975
444	Clark	Delaney	3400

(442) NO. 2307 SANTA CLARA AVE., Alameda. One-story 5-room dwlg.

Owner.....Louis Johnson, 223 Greenbank Ave., Alameda.

Architect...None.
Day's work. COST, \$2250

(443) NO. 2119 ENCINAL AVE., Alameda. One-story 5-room dwelling.

Owner.....Jno. M. Lundholm, 1717 Wood, Alameda.

Architect...None.
Day's work. COST, \$1975

(444) NO. 1333 CAROLINE, Alameda. One-story five-room dwelling.

Owner.....A. V. Clark, Care Delaney & Randlett.

Architect...None.
Contractor..Delaney & Randlett, 2393 Central Ave., Alameda.

COST, \$3400

COMPLETION NOTICES

ALAMEDA COUNTY.

Feb. 13, 1914—SW HOPKINS 25 SE 14th Ave., Okla. P. E. Baird to whom it may concern.....Feb. 11, 1914

Feb. 13, 1914—W SAN PABLO AVE 239-1 from S line Stanford Ave S 35xW 100, Okla. J. Michel to P

Morilhat.....Feb. 11, 1914
Feb. 14, 1914—NW FORTY-FIFTH Ave and Ygnacio Ave NW 104xNE 30, Okla. Gertrude E H Romine to W H Sims.....Feb. 7, 1914

Feb. 14, 1914—LOT 15 BLK "B" Map Scenic Blvd Knott, Okla. John W Painter to F L Burnett.....Feb. 1, 1914

Feb. 16, 1914—S SUMMER 321 E Spruce E 50xS 135, Bkly. Geo K Holloway Sr to whom it may concern.....Feb. 9, 1914

Feb. 16, 1914—LOTS 29 AND 30 BLK "C" Map Rsdvsn of Kinsell Tract, Elmhurst, Brooklyn Tp. Mary J Brand to Merritt Allen.....Feb. 12, 1914

Feb. 16, 1914—LOT 15 except S 10 ft. Blk 2 Amended Map Thousand Oaks Court, Bkly. Patrick-Nelson Bldg Co to whom it may concern.....Feb. 13, 1914

Feb. 18, 1914—E SEVENTY-EIGHTH Ave 200 S Rusdale, Okla. Philip Canny to A J Bellefontaine.....Nov. 29, 1913

Feb. 19, 1914—LOT 27 Vernon Park "V" being No. 5925 Keith Ave., Okla. G H S Harding to C H Warren.....Feb. 14, 1914

Feb. 19, 1914—W FRANKLIN 50 N 11th, Okla. Samuel Ginsberg and Albert Elkus to Walter Suel & Son.....Feb. 11, 1914

Feb. 20, 1914—W SPRUCE 472.38 N Eunice N 40xW 134.69, Berkeley. Georgia Willson McCluskey to whom it may concern.....Feb. 17, 1914

Feb. 20, 1914—W SPRUCE 432.28 N Eunice N 40xW 134.69, Berkeley... Georgia Willson McCluskey to whom it may concern.....Feb. 17, 1914

Feb. 20, 1914—S FORTY-THIRD 100 E San Pablo Ave E 40x100, Emeryville. James H Young to whom it may concern.....Feb. 10, 1914

Feb. 20, 1914—W SPRUCE 553 N Eunice N 40xW 134.69, Berkeley. Georgia Willson McCluskey to whom it may concern.....Oct. 25, 1913

Feb. 21, 1914—LOTS 1, 2 AND 3 BLK 6 East Piedmont Heights Extension, Oakland Tp. Miss J Gregory to A Peterson and J H Anderson.....Feb. 17, 1914

Feb. 21, 1914—POSTN PLOT "1" Map Rancho Las Posas. Coast Mfg & Supply Co to C H Rasmussen (2 Completion notices).....Feb. 14, 1914

Feb. 24, 1914—NE SEVENTEENTH and Broadway N 60x6 1/2 Okla. Lucy Fay Thomson by P J Walker Co, Agent to Clinton Fireproofing Co.....Feb. 20, 1914

Feb. 25, 1914—SE SHAFTER AVE & 50th E 32.5xS 92, Okla. Margaret McArthur to Charles McArthur.....Feb. 21, 1914

Feb. 25, 1914—SE AYALA 80 SW Forest S W34.66xSE 100, Okla. W S Young to whom it may concern.....Feb. 16, 1914

Feb. 25, 1914—LOTS 7 AND 22 BLK "D" Northrae Business Pty., Bkly. F R Peake Co to whom it may concern.....Feb. 24, 1914

Feb. 26, 1914—S FIFTIETH 32.5 E Shafter Ave E 33xS 92, Okla. Chas McArthur to whom it may concern.....Feb. 26, 1914

Feb. 26, 1914—SW PERRY 50x154 being NW 50 Lot 18 Blk "K" Map Oakland Heights, Oakland Wm. Woodus Greene by Ethel H Greene to Thad M Tupper.....Feb. 26, 1914

Feb. 26, 1914—LOT 13 Map High Court Tract, Bkly. Geo D Welsh to L H Williams.....Feb. 25, 1914

LIENS FILED.

ALAMEDA COUNTY.

Feb. 4, 1914—LOT 2 BLK "C" Official Map Elmerest, Okd. M D Horner vs Fay J Corum and Martha Corum\$65.60

Feb. 9, 1914—NW CENTRAL AVE and Willow W 75 N 143½ W 25 N 34 E 100 E 177½, Ala. Ernest L Thompson vs George A Young and A W Cooper.....\$277.37

Feb. 13, 1914—LOT 2 BLK "C" Map Elmerest, Okd. Hogan Lumber Co vs F J and Martha Corum.....\$400.22

Feb. 13, 1914—LOT 58 Map Resbvn Peralta Park, Bkly. Hogan Lumber Co vs E B and Alberta Fontaine and C M Blabon.....\$277.37

Feb. 13, 1914—LOT 8 BLK 17 Map Melrose Heights, Okd. Hodge-Collins Lumber Co vs William A. Myrtle and Andrew Le Baron and H A Pleitner Jr, Christine S Pleitner, C S Morse & S A Lowell.....\$113.85

Feb. 13, 1914—LOT 118 Map Fremont Tct, Okd. Hodge-Collins Lumber Co vs S T and Kate Holmes, L J Pessio, G Lavaggio and N Stagnaro\$145.49

Feb. 14, 1914—LOT 58 Map Resbvn Peralta Park, Bkly. Pacific Mfg Co vs C M Balbon.....\$185.36

Feb. 14, 1914—PACIFIC AVE and N Mountain Ave NE 35.90 NW 74.76 SW 75.5 E to pt beg, Piedmont. G A Scott vs B Mc A Dunn.....\$78.45

Feb. 14, 1914—SW 40 LOT 14 BLK "C" Map Piedmont Vista, Piedmont. Hogan Lumber Co vs Lundberg & Courtright and Dora M De Beredetti\$462.88

Feb. 14, 1914—NE TWENTY-FIFTH and Telegraph Ave 47 4x99, Okd. C Carnevall Marble & Mosaic Co vs Annie M Spelman and Ed Sommarstrom\$293.70

Feb. 14, 1914—NE TWENTY-FOURTH and Webster E 100xN 58.00, Okd. C Carnevall Marble & Mosaic Co vs C V Norcross and Leo Nichols.....\$58.50

Feb. 16, 1914—LOT 20 AND NE PPN Lot 21 Map Key Route Heights, Okd. C H Greaves vs Jean and L McDonald and O C Cooley.....\$36.50

Feb. 16, 1914—LOT 58 Map Resbvn Peralta Park, Bkly. The California Door Co vs C M Blabon, E B and Alberta Fontaine\$174.60

Feb. 16, 1914—NE TELEGRAPH AVE and 25th N 47-4xE 99, Okd. Geo H Tay Co vs Annie M Spelman and Wara Bros\$192.48

Feb. 16, 1914—NE TELEGRAPH AVE and 25th N 47-4xE 99, Okd. L D Frazee, \$855: Wara Bros, \$1875.02 vs Annie M Spelman\$305

Feb. 17, 1914—NW DWIGHT WAY and Waring N 169xW 162½, Bkly. W J Biddle vs C L Cory.....\$205

Feb. 18, 1914—LOT 58 Map Resbvn Peralta Park, Bkly. Strable Mfg Co vs E B and Alberta Fontaine, Viola E Studer and C M Blabon.....\$27.9"

Feb. 19, 1914—LOT 118 Map Fremont Tct, Okd. Walter F Lloyd vs Frank P Holmes.....\$31.65

Feb. 19, 1914—NW THIRTEENTH and Franklin 40-6x75, Okd. F G Jones vs States Savings Bank.....\$95.25

Feb. 21, 1914—LOT 118 Map Fremont

Tract, Okd. W P Fuller & Co vs F P Holmes.....\$74.02

Feb. 24, 1914—N NINTH W Madison W 75xN 100, Okd. Hodge & Collins Lumber Co vs G E Tuman, N A Thompson and Sarah J Hastings\$1708.68

Feb. 24, 1914—SW HOLLY 118 NW 94th Ave NW 25xSW 80, Oakland. Hogan Lumber Co vs L A P Larsen and Nellie Larsen\$818.10

Feb. 26, 1914—SW DWIGHT WAY & Benvenue Ave W 110 S 98.61 E 100 N 106, Bkly. Geo Stoddard vs Est John Woolley and W F Kroll.....\$44.30

Feb. 26, 1914—LOT 2 BLK 16 Map Northbrae, Bkly. National Roofing Co vs Interurban Home Bldrs.....\$57

Feb. 26, 1914—LOT 4 BLK 16 Map Northbrae, Bkly. National Roofing Co vs Interurban Home Bldrs.....\$57

Feb. 26, 1914—LOT 20 BLK 4 Map Northbrae, Bkly. National Roofing Co vs Interurban Home Bldrs.....\$57

Feb. 26, 1914—LOT 22 BLK 4 Map Northbrae, Bkly. National Roofing Co vs Interurban Home Bldrs.....\$57

SAN JOSE AND THE SANTA CLARA VALLEY

RESIDENCE—2 story and base, frame, \$14,000. Palo Alto, Santa Clara Co., Cal. Architect, Smith O'Brien. Humboldt Bank Bldg., S. F. Owner, Mrs. Harris Allen. This work has been mentioned here before. The dwelling will contain in the neighborhood of twelve rooms, several bath and sleeping porch. Interior finish will be of pine and hardwoods with oak floors in the principal rooms. A central heating system, hot water supply and vacuum cleaning are specified. Bath rooms will have tile wainscot and floors. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story, attic and base, frame, \$8,000. San Bruno, San Mateo Co., Cal. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Father W. J. Cantwell. The dwelling will be erected on property adjoining the church, and has been designed to contain nine rooms including a study and large reception room. Interior finish will be of pine, redwood and some hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and three open fire places. Mantels will be of tile and brick. Bath rooms will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RUNGALOW—1 story and base, frame, \$2,500. San Mateo, San Mateo Co., Cal. Architect, O. E. Evans, 2367 Mission street, S. F. Owner's name not given. The house has been designed for a five-room dwelling with bath and sleeping porch. Interior finish will be entirely of pine or redwood. Oak floors will be used in the living and dining rooms. There will be a large open fire place and brick mantel. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCES—1 and 2 story and base, frame. Cost not stated. San

Jose, Santa Clara Co., Cal. Architect, none. The following Day Labor Jobs are reported as about to be started in San Jose: Jack Walsh, 196 North 3rd street, 1 story, five-room cottage, \$2,500; Ella Ferguson, Alnm Rock avenue, 1 story, six-room cottage, \$2,500; and J. W. Hutsler, 1004 East Santa Clara street, 2 story, frame residence, Cost not stated.

STATE HIGHWAY WORK—Cost not stated. San Mateo and San Diego Counties, Cal. Engineer, State Highway Commission, Forum Bldg., Sacramento. Bids opened by the State Highway Commission on February 27th for the construction on highways in San Mateo County show Bates, Borland & Ayer low at \$59,925.40 and in San Diego County Taylor and Berliner of Los Angeles low at \$74,951. Contracts have not been awarded. A complete list of these figures together with the engineer's estimate of cost will be found under the heading of San Francisco in this issue.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

LOT 18 BLK 47, Palo Alto. All work for one-story plaster bungalow. Owner.....W. R. Garcelon, Palo Alto. Architect.....R. W. Follmer. Contractor.....W. L. Morton, Palo Alto. Filed Feb. 15, '14. Dated Feb. 4, '14.

Roof on	¾
When plastered	¾
When completed	¾
Usual 35 days.....	¾

TOTAL COST, \$3140

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

SIXTH AND RAILROAD STS., Gilroy. All work for reinforced concrete structure.

Owner.....Coast Counties Gas & Elec. Company. Architect.....W. H. Weeks, 75 Post, San Francisco. Contractor.....Wm. Radtke.

Filed Feb. 18, '14. Dated Jan. 31, '14.

Walls poured	\$786
Ready for plaster	787
When completed	787
Usual 35 days.....	787

TOTAL COST, \$3147

Bond, \$1572. Surety, Massachusetts Bonding & Insurance Co. Limit, 45 days. Forfeit, \$10. Plans and specifications filed.

NEAR COR FIFTH AND MONTEREY STs., Gilroy. All work for one-story business building.

Owner.....Jas. McAlpine et al, Gilroy. Architect.....None. Contractor.....Wm. Radtke, Gilroy.

Filed Feb. 19, '14. Dated Feb. 7, '14.

Between 1st and 5th of each following month

Usual 35 days.....	75%
	25%

TOTAL COST, \$2600

Bond, \$1300. Sureties, S. F. Moore and C. Radtke. Limit, 6* days. Forfeit, \$10. Plans and specifications filed.

LOT 15 BLK 19 SEALE ADD'N, Palo Alto. All work for dwelling.

Owner.....E. D. Congdon, Palo Alto. Architect.....A. B. Clark. Contractor.....G. G. Bertsche, Palo Alto.

Filed Feb. 18, '14. Dated Feb. 17, '14.

House ready for lathing.....\$818.75

Plastering completed 818.75

House finished \$18.75
Usual 35 days..... \$18.75
TOTAL COST, \$3275.00
Bond, none. Limit, 90 days. Forfeit,
\$. Plans and specifications filed.

LOT 5 BLK 3, Shottenhamer Tract,
San Jose. All work for one-story
frame residence.
Owner.....H. G. Hunt, San Jose.
Designer.....H. S. Waltz.
Contractor.....H. S. Waltz, San Jose.
Filed Feb. 16, '14. Dated Feb. 16, '14.
Frame up \$750
Rough plaster on 750
When completed 750
Usual 35 days..... 750
TOTAL COST, \$3000

Bond, \$1500. Sureties, G. S. Hurff and
T. C. Hastings. Limit, 60 days. For-
feit, none. Plans and specifications
filed

NO. 999 SOUTH SEVENTH ST., San
Jose. All work for one-story frame
cottage.

Owner.....E. P. Davis, 897 South 7th
St., San Jose.
Architect.....None.
Contractor.....E. D. Wells, 44 N-17th St.,
San Jose.

Filed Feb. 17, '14. Dated —.
Frame up \$500
When enclosed 500
When completed 530
Accepted (all) 500
TOTAL COST, \$2030
Bond, limit, forfeit, none. Plans and
specifications filed.

NO. 56 S-MARKET ST., San Jose. Re-
modeling front.
Owner.....James Beatty, Premises.
Architect.....None.
Day's work. COST, \$450

E SIXTEENTH, 4th Lot S of Jackson
St., San Jose. Five-room cottage.
Owner.....Jack Walsh, 196 N-3rd St.,
San Jose.
Architect.....None.
Day's work. COST, \$2500

NO. 420 N-SIXTEENTH ST., San Jose.
Six-room cottage.
Owner.....Ella Ferguson, Alum Rock
Ave., San Jose.
Architect.....None.
Day's work. COST, \$2500

NO. 1004 E-SANTA CLARA ST., San
Jose. Two-story tank frame and
residence.
Owner.....J. W. Hutslar, Premises.
Architect.....None.
Day's work. COST, \$750

NO. 462 S-FIFTEENTH ST., San Jose.
Five-room bungalow.
Owner.....O. E. Schnable, 34 N-Third
St., San Jose.
Architect.....C. S. McKenzie, Bank of
San Jose Bldg., San Jose.
Contractor.....J. B. Lamb, 610 S-11th St.,
San Jose. COST, \$3000

BUILDING CONTRACTS.

SAN MATEO COUNTY.

LOT 16 BLK NO. 3 Sub No. 1 and 2,
Lomita Park. All work for bunga-
law.
Owner.....Thos. J. Feeley.
Architect.....None.
Contractor.....J. E. Dickieson

Filed Feb. 17, '14. Dated Feb. 17, '14.
1st floor joists laid..... \$421.85
Roof on and building enclosed 421.85
When plastered 421.90
When completed 421.90
Usual 35 days..... 562.50
TOTAL COST, \$2350.00
Bond, \$1125. Sureties, Sidney Watson
and Chas. Coburn. Limit, 65 days.
Forfeit, none. Plans and specifications
filed.

LOT NO. 50, San Mateo Park. All work
for two-story residence.
Owner.....Christian Walther and
Marie Walther (wife).
Architect.....None.
Contractor.....E. Quagelli.

Filed Feb. 20, '14. Dated Feb. 17, '14.
Rough frame up & rafters on \$1036
Plastered inside and outside and
roof shingled 1036
Completed and accepted..... 1036
Usual 35 days..... 1037
TOTAL COST, \$4145
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

LIENS FILED

SAN MATEO COUNTY.

RECORDED AMOUNT
Feb. 19 1914—LOT NO. 3 BLK NO. 8,
Crocker Estate Tract, Subdn No. 1.
A L Stockton Lumber Co vs R E
Geering, B B Wickersham and
Matilda Wickersham.....\$308 45

RELEASE OF LIENS.

SAN MATEO COUNTY.

RECORDED AMOUNT
Feb. 20, 1914—LOT 34 BLK 20, Crock-
er Estate Tract, Subdn 1 John F
Boulbair to Edith M Johnson, \$1094.50
Feb. 20, 1914—PEORIA AND GREEN
Daly City, J M Enyeart to Edith
M Johnson\$28

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

NURSERY BUILDING FOR MALES
—Frame and concrete, \$13,500. Eld-
ridge, Sonoma Co., Cal. Architect,
State Department of Engineering, Sacra-
mento. Owners, State of California.
Bids opened in Sacramento on Febru-
ary 26th for constructing a nursery
building for males at the Sonoma State
home show R. S. K. MacMillen of San
Francisco low at \$13,977. He will prob-
ably be awarded the contract. A com-
plete list of all bids will be found
under the heading of Marin, Contra
Costa and Sonoma Counties in this
issue.

DAIRY BARN—1 story, frame con-
struction, \$6,500. Yountville, Napa Co.,
Cal. Architect, State Department of
Engineering, Sacramento. Owners,
State of California. Bids opened in
Sacramento on February 27th for the
construction of a dairy barn at the
Veterans' Home at Yountville show
Lewis Cereghino of San Francisco low
at \$6,447. A list of all bids will be
found under the heading of Marin,
Contra Costa and Sonoma Counties in
this issue.

RECREATION BUILDING—1 story,
frame and concrete, \$10,000. Napa,
Napa Co., Cal. Architect, State De-
partment of Engineering, Sacramento.
Owners, State of California. R. S. K.

MacMillen of San Francisco submitted
the lowest bid for constructing the
recreation building to be erected at the
Napa State Hospital at \$9,500. A com-
plete list of all bids received will be
found under the heading of Marin,
Contra Costa and Sonoma Counties in
this issue.

LIBRARY—1 story and base, rein-
forced concrete, \$10,000. San Anselmo,
Marin Co., Cal. Architect, W. Garden
Mitchell, Bankers' Investment Bldg., S.
F. Owners, San Anselmo. Preliminary
plans have been submitted to the La-
brary Trustees for approval. These
plans show a building containing a
large reading room, stack rooms and
office. Interior finish will be of pine
with maple floors. A central heating
system will be installed. Exterior will
probably be faced with cement plaster.
Definite action has not been taken.
Further mention will be made of the
work.

HOSPITAL BOILER—Cost not stat-
ed. Napa, Napa Co., Cal. Engineer,
State Department of Engineering, Sacra-
mento. Owners, State of California.
Bids will be received at the State De-
partment of Engineering in Sacramen-
to on March 10th for furnishing and
installing, complete, one 250 H. P.
water tube boiler with oil burning fur-
nace, brick setting, fittings, valves,
etc., in the Napa State Hospital. Plans
and specifications can be secured from
the State Department of Engineering.

Open Figures For More Work At Napa.

R. S. K. MacMillen is Low on Recrea-
tion Building at Napa State Hospi-
tal. Eight other Bids.

Bids opened in Sacramento on Febru-
ary 24th for the construction of a
recreation building which is to be
erected at the Napa State Hospital,
show R. S. K. MacMillen of San Fran-
cisco low at \$9500. Eight bids were
submitted. The following is a com-
plete list of the bids opened:

Recreation Building Napa State Hospital.

R. S. K. MacMillen.....\$ 9,500
Tieslaw Bros. 10,470
Cereghino & Son..... 10,890
McSheehy Bros. 11,392
Frank Gallagher 11,840
D. J. Duffie..... 11,866
R. O. Summers..... 11,898

Bids For State Job At Eldridge Home.

R. S. K. MacMillen Low, But No Con-
tract Was Awarded. Seven Other
Firms Submitted Figures.

Bids were opened at noon on Thurs-
day, February 26th, by the State De-
partment of Engineering at Sacramento
for the construction of a Nursery
Building for Males, which is to be
erected at the Sonoma State Home at
Eldridge, Sonoma County. Seven bids
were received, the lowest being that
presented by R. S. K. MacMillen, of
San Francisco, at \$13,977. A complete
list of the figures follow:

Nursery Building, Eldridge.	
U. S. K. MacMillen.....	\$13,977
Boxton-Dillon & Boxton.....	15,840
Tieslau Bros.....	16,435
Keating & Holt.....	16,460
McSheehy Bros.....	16,442
Harvey A. Klyce.....	16,255
R. O. Summers.....	17,524

Bids For State Job At Veterans' Home.

Lewis Cereghino & Son Low Men For
Dairy Barn at Yountville Veterans'
Home, Napa County.

(By Special Wire.)

SACRAMENTO, CAL. Feb. 27th.—Bids opened by the State Board of Control at Sacramento on February 27th for the construction of a dairy barn at the Veterans' Home at Yountville, Napa County, show Lewis Cereghino & Son of San Francisco low at \$6447. Six other bids were received. The following is a complete list of the bids as opened:

Dairy Barn at Yountville.

Lewis Cereghino & Son.....	\$6,447
McSheehy Bros.....	6,495
Boxton, Dillon & Boxton.....	6,560
Tieslau Bros.....	6,770
R. O. Summers.....	6,756
R. S. K. MacMillen.....	8,536

No contract was awarded.

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
Feb. 19, 1914—LOTS 5, 6, 7, 8, 9, 10,
11, 12, 13, 14 Blk 3, City of Rich-
mond, Pacific Gas & Elec Co to
R D Wood & Co.....Feb. 11 1914
Feb. 20, 1914—LOTS 1, 2, 3, 4, 5, 6
Blk "D," Brentwood, Balfour
Guthrie Invest Co to Mangrum &
Otter, Inc.....Feb. 16, 1914
Feb. 21, 1914—LOT 12 BLK 5, Rich-
mond Villa Tract. Hoyt & Greene
Inc to C D Knolly.....Feb. 17, 1914
Feb. 21, 1914—LOT 18 BLK 5, Rich-
mond Villa Tract. Hoyt & Greene,
Inc to C D Knolly.....Feb. 17, 1914
Feb. 21, 1914—LOT 17 BLK 5, Rich-
mond Villa Tract. Hoyt & Greene
Inc to C D Knolly.....Feb. 17, 1914
Feb. 25, 1914—LOTS 16 AND 17 BLK
"C," Richmond Tract. W I Clarke
to Harry C Knight.....Feb. 21, 1914

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED ACCEPTED
Feb. 18, 1914—NYE AND FIFTH STs.,
San Rafael, Geo H Bolin to J A
Kappermann.....Feb. 10, 1914

RELEASE OF LIENS.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
Feb. 21, 1914—LOT 32 BLK 2, Rich-
mond Villa Tract. Paul Glaser to
M Widrin\$1250

FRESNO, MODESTO, STANISLAUS. LAUS AND CENTRAL CALIFORNIA.

BRIDGES—Reinforced concrete, Cost not stated. Thalheim, Stanislaus Co., Cal. Engineer, County Surveyor, Modesto, Owners, Stanislaus County. Plans have been completed and received the approval of the Board of Supervisors. The bridge will be erected near Thalheim and has been designed for a highway bridge with road way and foot way. There will be concrete abutments and some ornamental iron. Plans are now out for figures and bids will be opened on March 10th at 10 o'clock. A certified check of 10% of the amount of the bid is required. Plans can be secured from the County Clerk, H Benson at Modesto.

SCHOOL—1 story and base, reinforced concrete, \$35,000. Bishop, Inyo Co., Cal. Architect, G. C. Clements, Bishop. Owners, Bishop School District. Plans for the new reinforced concrete school have been completed and approved by the Board of Education. There will be a number of standard sized class rooms, principal's office, teachers' rooms and an assembly hall. Plans provide for steam heat, direct system, oil burning furnace, pine trim and maple floors in the class rooms. Exterior will be faced with cement plaster. Plans can be secured from the architect. Bids are now being taken and will be opened on March 10th.

Contracts Awarded.

SCHOOL—2 story and base, reinforced concrete, \$113,510. Eureka, Humboldt Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Eureka Union High School District. Contractor, Robert Trost, S. F., general construction. Contract price, \$113,510.

COMPLETION NOTICES.

FRESNO COUNTY.

RECORDED ACCEPTED
Feb. 25, 1914—LOT 40 W 24 ft. Lot
39 Blk 4, Riverdale Addn, Fresno.
A J Schorling to Reese & Atkins
.....Feb. 24, 1914

Bids Opened For Stockton School.

Only Three Sets of Figures Received
For East Side Grammar School. All
Bids Rejected.

Only three sets of figures were received by the Stockton Board of Education for the construction of the two-story building to be known as the East Side Grammar School. Graham & Jensen, of this city, submitted the lowest figure at \$78,555. All bids were rejected by the Board and new figures will be called for within a few days. The school was designed by Architects Stone & Wright. Following is a list of the bids as opened:

East Side School, Stockton.

Chirhardt & Nystedt, Stockton.....	\$84,000
Graham & Jensen, S. F.....	78,555
Daniels & Green, Stockton.....	79,727

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

HOTEL—4 story and base, reinforced concrete, \$60,000. Arcadia, Humboldt County, Cal. Architect, W. H. Weeks, 75 Post St., S. F. Owners, Arcadia Hotel Co. A site has been secured at the corner of 9th and G streets and a new hotel and store building covering an area of 50 by 110 feet will be erected. There will be a number of stores on the first floor and 75 guest rooms and a number of private baths on the upper floors. Plans provide for steam heat, a hot water system and vacuum cleaning. There will be patent store fronts and metal window sash and frames. Interior finish will be of pine. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

RESIDENCES—1 and 2 story and base, frame. Cost not stated. Sacramento, Cal. Architect, none. The following Jay Labor jobs are reported as about to be started in Sacramento: C. J. Hopkinson, 1818 25th street, 1 story, five-room residence, \$4,000, and E. G. Gross, 2194 East avenue, 2 story, 13 room residence and 1 store, \$4,000.

BRIDGE—Steel lift type. Cost not stated. Solano, Sacramento Co., Cal. Engineers, County Surveyors of Sacramento and Solano Counties. Owners, Sacramento and Solano Counties. County Surveyor F. A. Steigler of Sacramento has been in San Francisco in conference with the Federal authorities in reference to the proposed bridge over the Sacramento River between Solano and Sacramento Counties at Rio Vista. The proposed bridge is to be about 3,200 feet long, consisting of 20 150-foot stationary spans and one 200-foot lift span, under which the steamers will pass. It will leave a space of 100 feet in the clear when lifted. The plans call for a modern steel structure set on cylindrical piers driven to bed-rock or into gravel. For one-half its distance the bridge will pass over the present river channel and the other half will be what is now, except in time of freshet, dry land. It is reported that Federal approval will be forthcoming.

COURT HOUSE—2 story and base, reinforced concrete, \$90,000. Alturas, Modoc Co., Cal. Architect, F. L. De Longchamps, Reno, Nevada. Owners, Modoc County. Architect, De Longchamps has completed working drawings for the new County Court House and these plans have received the approval of the County Supervisors. Construction will be started as soon as bids can be secured. An official advertisement will be published on March 2nd and bids will be opened on April 2nd. Plans and specifications will be available about March 5th and can be secured from the architect. The structure will be fireproof throughout, and, besides providing offices for the county officials, will contain a large meeting room for the supervisors, judges' chambers and the county jail. Considerable marble and tile work will be used. There will be steam heat, vacuum cleaning and fireproof vaults. Exterior will be faced with cement plaster and native stone.

RESIDENCES—2, 1 story and base.



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frame, \$3,000 and \$2,700 respectively. Sacramento, Cal. Architect, none. Owner, E. A. Pierce, 3526 Park avenue, Sacramento. These two houses will be erected in the West Curtis Oaks Tract and will contain five and six rooms. Interiors will be finished in pine and redwood with oak floors in the living and dining rooms. There will be open fire places and tile or brick mantels. Automatic water heaters are specified. Bath rooms will have tile wainscot. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

BUNGALOW—1 story and base, frame, \$2,000. Sacramento, Cal. Architect, none. Owner, H. F. Carstens, 1831 I street, Sacramento. The dwelling will be erected on Calaveras avenue and will contain five rooms and bath. All interior finish will be of pine or redwood. Oak floors will be used in the living and dining rooms. There will be a large open fire place and tile mantel. The wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and shiplap. Plans are in the hands of the owner and the work will be done by Day Labor.

RESIDENCES—1 and 2 story, frame. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, none. The following Day Labor jobs are reported as about to be started in Stockton: H. Anderson, 1310 South California street, 1 story frame dwelling, \$1,800; John Lucas, 1235 South American street, 1 story frame dwelling, \$1,000; Mrs. L. P. Leander, Stockton, 1 story frame dwelling, \$1,800; Charles Echan, Stockton, 1 story frame dwelling, \$2,500; R. Godsil, 516 West Park street, 1 story frame dwelling, \$2,500; Frank P. Gurgon, 1215 South American street, 2, 1 story frame dwellings, \$1,500 each; W. R. Pease, 1314 East Oak street, 1 story frame dwelling, \$1,000; R. F. Ames, 420 McCloud avenue, 1 story frame dwelling, \$2,000, and C. R. Campbell, Stockton, 1 story frame dwelling, \$1,500.

SCHOOL—2 story and base, brick and concrete, \$75,000. Stockton, San Joaquin Co., Cal. Architects, Stone & Wright, Stockton. Owners, City of Stockton. Only three sets of figures were received by the Stockton Board of Education on February 25th for the construction of the East Side Grammar School and these figures were rejected. Plans will be put out for figures again without revision. The lowest bid was

from Graham & Jensen of San Francisco at \$78,585. A complete list of the figures will be found under the heading of Sacramento, Stockton and Northern California in this issue.

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

LOT 34 MIER & SOWELL HIGH High School Tct., Sacramento. One-story 6-room dwelling.

Owner.....C. H. Chatterton, 3126 T St., Court, Sacramento.

Architect...None.

Contractor...Chatterton Bros., 2112 28th St., Sacramento.

COST, \$2,600

N 20 FT. LOT 7 BLK 55, Oak Park, Sacramento.

Owner.....Vincent Marinkovich, 1024 4th St., Sacramento.

Architect...None.

Contractor...John A. Silva, 415 11th St., Sacramento.

COST, \$600

N 20 FT. OF S ½ OF W ½ LOT 1, J. K. 10th and 11th Sts., Sacramento. Repair fire damage to two-story brick building.

Owner.....Amelia H. Combs, Oakland

Architect...None.

Contractor...Geo. S. Hayes, Land Hotel, Sacramento.

COST, \$1,000

LOT 9 STILLSON TCT., Stillson and Sunset Ave., Sacramento. Frame addition to two-story dwelling.

Owner.....Joseph Edenhofer, 3011 Cypress, Sacramento.

Architect...None.

Day's work.

COST, \$500

E 40 FT. LOT 90, H. J. Goethe Co. Addition; F Sierra Ave near Manzanita Ave., Sacramento. One-story five-room frame dwelling.

Owner.....A. B. Ballard, Sierra Ave., Sacramento.

Architect...None.

Contractor...F. H. Dille, 3029 6th Ave., Sacramento.

Filed Feb. 13, '14 Dated Feb. 17, '14.

COST, \$1,560

N ¼ OF LOT 1, I, J, 2ND AND 3RD St., No. 903 Second St., Sacramento.

Three-story brick and concrete bldg.

Owner.....John Rasmussen et al, Mont Vista near R St., Sacramento.

E. H. Williams

Chalmer Munday

Munday & Williams

Attorneys-at-Law

Special Attention Given to Building
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615 Phelan Building, San Francisco

Engineer...F. A. S. Foale, 1673 J St., Sacramento.

Contractor...Telchert & Ambrose, Ochssner Bld., Sacramento. COST, \$16,900

LOT 2552 OAK TERRACE, No. 3726 5th Ave., Sacramento. One and one-half-story seven-room frame dwelling.

Owner.....Edward Vonahnen, 3728 5th Ave., Sacramento.

Architect...None.

Contractor...D. Lamorne, 4219 Stanford Ave., Sacramento.

COST, \$5,000

E 60 FT. LOT 4, J, K, 3RD AND 4TH Sts., Sacramento. Ornamental iron work on ten-story building.

Owner.....Merchants' Improvement Co., Sacramento.

Architect...None.

Contractor...Ransome Concrete Co., 506 E. & M. Bank Bldg., Sacramento.

Sub-Contractor...Ralston Iron Works, 20th and Indiana, S. F.

Filed Feb. 18, '14. Dated Jan. 26, '14.

E 60 FT. LOT 4, J, K, 3RD AND 4TH Sts., Sacramento. Mill work on ten-story building.

Owner.....Merchant Improvement Co.

Architect...None.

Contractor...Sacramento Pl. Mill and Furniture Co., 7rd and V St., Sacramento.

Filed Feb. 14, '14. Dated Jan. 24, '14.

COST, \$10,473

E 32 FT LOT 6 N. O. 8TH AND 9TH Sts., No. 825 O St., Sacramento. One-story 6-room frame dwelling.

Owner.....Antone S. Lewis, 1415 3rd St., Sacramento.

Architect...None.

Contractor...Chas. Vanina, 2021 Sacramento.

COST, \$1,900

E ½ OF N ½ LOT 4 I, J, 29TH AND 30th Sts., No. 2930 I St., Sacramento.

Two-story frame apartments (four rooms each).

Owner.....W. H. McMorly, 1617 17th St., Sacramento.

Architect...None.

Contractor...H. Goldman, 1726 18th St., Sacramento.

COST, \$7,000

E ¼ OF LOT 6, I, J, 8TH AND 9TH Sts., Sacramento. Remodel portion two-story and basement brick bldg.

Owner.....J. C. Carly Co., 623 J St., Sacramento.

Architect...R. A. Herold, Forum Bldg., Sacramento.

Contractor... Teichert & Ambrose,
Ochsner Bldg., Sacramento
Filed Feb. 19, '14. Dated Feb. 18, '14.
COST, \$5343

NE THIRD AND J W ½ OF S ½ Lot
8, I, J, 3rd and 4th Sts., Sacramento.
Alterations and additions to Fratt
Building.
Owner.....Estate F. W. Fratt.
Architect...None.
Contractor...Charles Vanina.
Filed Feb. 19, '14. Dated Feb. 18, '14.
COST, \$2460

LOT 2, R, S, 11TH AND 12TH STS, Sacra-
mento. Six-story and basement
warehouse.
Owner.....The Sacramento Ware-
house Company.
Architect...Clarence C. Cuff, 30 Ochs-
ner Bldg., Sacramento.
Contractor...Murrell & Haley, 2nd and
V Sts., Sacramento.
Filed Feb. 19, '14. Dated Feb. 17, '14.
COST, \$90,000

LOT 3 PARK VILLA, Oak Park. 37th
near Park Ave. Sacramento. One-
story frame dwelling.
Owner.....Chas. Brownell, 2219 Mag-
nolia Ave., Sacramento.
Architect...None.
Contractor...John Goodwin, 3830 Sacra-
mento Ave., Sacramento.
COST, \$400

LOWER STOCKTON ROAD AND PAL-
metto Ave., Sacramento. One-story
frame nursery.
Owner.....Sacramento Orphanage &
Farm Ass'n., Sacramento.
Architect...None.
Contractor...Frank P. Williams, 3117
7th Ave., Sacramento.
COST, \$6000

LOT 183 West Curtis Oaks, 4th Ave nr
24th, Sacramento. One-story 6-room
frame dwelling.
Owner.....Clyde Brand, Merriem
Apartments, Sacramento.
Architect...None.
Contractor...Frank P. Williams, 3117
7th Ave., Sacramento.
COST, \$3800

W 60 FT. AND E 20 FT. S ½ Lot 1.
M, N, 2nd and 3rd Sts., No. 200 M
St., Sacramento. One-story frame
freight depot.
Owner.....Oakland, Antioch & Eastern
Railway, 105 Mont-
gomery, San Francisco.
Architect...None.
Day's work. COST \$2500

N ¼ Lot 5, k, S, 26TH AND 27TH STS.
No. 1816 27th St., Sacramento. One-
story five-room frame dwelling.
Owner.....C. J. Hopkinson, 1318 25th
St., Sacramento.
Architect...None.
Day's work. COST, \$1900

N 50 FT. LOT 31 BLK "B," Oak Grove
Tract, Cor. East and 3rd Ave., Sacra-
mento. Two-story 13-room frame
store and dwelling.
Owner.....E. G. Gross, 3114 East Ave.
Sacramento.
Architect...None.
Day's work. COST, \$4000

E ¼ OF N ½ LOT 13, Oak Grove Tract,
Sacramento. One-story 4-room frame
dwelling.
Owner.....Lee Apperson, 2422 Bonita
Ave., Sacramento
Architect...None.
Contractor...B. H. Bills, 3215 4th Ave.,
Sacramento.
COST, \$1100

S 120 FT OF W ½ LOT 8, X, Y, 20TH
and 21st Sts., No. 2000 Gale St., Sacra-
mento. One-story 6-room dwlg.
Owner.....George E. Russell, 709 L
St., Sacramento.
Architect...None.
Contractor...Robert Powell & Co., 1911
28th St., Sacramento.
COST, \$2500

W 9 FT. LOTS 145 AND 146, West
Curtis Oaks; No. 2100 21st St., Sacra-
mento. One-story 6-room frame
dwelling.
Owner.....E. A. Pierce, 3526 Park
Ave., Sacramento.
Architect...None.
Day's work. COST, \$3000

E 35 FT. LOT 146, West Curtis Oaks
Add'n, Sacramento. One-story five-
room frame dwelling.
Owner.....E. A. Pierce, 3526 Park
Ave., Sacramento.
Architect...None.
Day's work. COST, \$2700

LOT 7817 H J Goethe Co. Sub 78, Cala-
veras Ave near Upper Stockton Road
Sacramento. One-story 5-room frame
dwelling.
Owner.....H. F. Carstens, 1831 I St.,
Sacramento.
Architect...None.
Day's work. COST, \$1600

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

LOT 13 BLK 120 S M C, Stockton.
Frame building.
Owner.....H. Anderson, 1310 S-Calif-
ornia St., Stockton.
Architect...None.
Day's work. COST, \$1800

E ½ LOT 16 BLK 104, S M C, Stockton.
Frame building.
Owner.....John Lucas, 1235 S-Ameri-
can St., Stockton.
Architect...None.
Day's work. COST, \$1000

LOT 2 BLK 63 E, Stockton. Remodel
frame building.
Owner.....Mrs. M. Nassaur.
Architect...None.
Day's work. COST, \$400

N ½ LOTS 10 AND 12 BLK 90 S M C,
Stockton. Frame dwelling.
Owner.....Mrs. L. P. Leanden.
Architect...None.
Day's work. COST, \$1800

NO. 21 N-HUNTER ST., Stockton. Re-
model brick building.
Owner.....E. W. Bonos.
Architect...None.
Day's work. COST, \$600

W 41 LOT 10, BLK 233 E, Stockton.
Frame building.
Owner.....Chas. Echan.
Architect...None.
Day's work. COST, \$2500

S 10 LOTS 9 AND 11 BLK 37 W, Stock-
ton. Frame building.
Owner.....R. Godsil, 516 W-Park St.,
Stockton.
Architect...None.
Day's work. COST, \$2500

LOT 18 BLK 8 The Oaks, Stockton.
Frame building.
Owner.....C. R. Campbell.
Architect...None.
Day's work. COST, \$1500

N ½ OF LOT 9 BLK 104 S M C, Stock-
ton. Frame building.
Owner.....Frank P. Gurgon, 1215 S-
American St., Stockton.
Architect...None.
Day's work. COST, \$1500

NO. 224 S-SUTTER ST., Stockton. Re-
model frame building.
Owner.....Lorenz Delucchi, 230 E-
Main St., Stockton.
Architect...None.
Day's work. COST, \$400

LOT 8 BLK 73 S M C, Stockton. Re-
model frame building.
Owner.....W. J. Magneson, 627 E-
Jefferson St., Stockton.
Architect...None.
Day's work. COST, \$400

S 75 LOTS 2 AND 4 BLK 140 E, Stock-
ton. Addition to frame building.
Owner.....J. M. Kile, 1106 N-San
Joaquin St., Stockton.
Architect...None.
Day's work. COST, \$500

LOT 3 BLK 209 E, Stockton. Frame
building.
Owner.....W. R. Pease, 1314 E-Oak
St., Stockton.
Architect...None.
Day's work. COST, \$1000

NO. 333 E-WEBER AVE., Stockton.
Remodel brick building.
Owner.....Dr. A. Hodgkins
Architect...None.
Day's work. COST, \$400

NO. 28 N-CALIFORNIA ST., Stockton.
Remodel brick building.
Owner.....M. S. Arndt & Co., 313 E-
Main St., Stockton.
Architect...None.
Day's work. COST, \$500

LOT 22 BLK 3, The Oaks, Stockton.
Frame building.
Owner.....R. E. Ames, 420 McCloud
Ave., Stockton.
Architect...None.
Day's work. COST, \$2000

LOT 7 BLK 104 S M C, Stockton. Frame
building.
Owner.....F. P. Guyon, 1215 S-Ameri-
can St., Stockton.
Architect...None.
Day's work. COST, \$1500

LOS ANGELES AND SOUTH- ERN CALIFORNIA.

RESIDENCE — 2 story and base,
frame and hollow tile. Cost not stated.
Los Angeles, Cal. Architects, Hunt &
Burns, Laughlin Bldg., L. A. Owner,
General C. M. Spitzer. The dwelling,
which will contain fourteen rooms and
three baths, has been designed in the
Italian Villa style, and will be erected
at the corner of 3rd street and An-

draws Boulevard. Walls will be of hollow tile faced with cement plaster. Interior will be finished in pine, hardwoods and white enamel. Oak floors will be used throughout. Bath rooms will have tile wainscot and floors. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Roof will be of clay tile. Plans are complete and figures are now being taken.

APARTMENT HOUSE—3 story and base. Class C construction. \$30,000. Los Angeles, Cal. Architect, Leonard L. Jones, 1. W. Hellman Bldg., L. A. Owner, C. W. Howard. The building will be erected on South Fremont street, having a frontage of 48 feet and a depth of 128 feet. Plans provide for a total of 69 rooms which will be arranged in two and three room suites. All apartments will have private bath rooms and wall beds. Plans provide for steam heat, a hot water supply and vacuum cleaning. Interior will be finished in pine with some oak floors. Bath rooms will have tile wainscot and composition floors. Metal window sash and frames are specified. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for shortly.

SCHOOL—1 and 2 story and base, brick and concrete. Cost not stated. Tustin, Orange Co., Cal. Architect, Frederick H. Eley, Register Bldg., Santa Ana. Owners, Tustin School District. Plans have been completed for the new brick grammar school building which is to be erected in the Tustin School District. Plans are now out for figures and separate bids will be taken for the general construction, heating and ventilating, and plumbing and electric work. Plans can be secured from the architect. Bids will be opened on March 18th.

SCHOOL—1 and 2 story, brick and cement plaster, \$160,000. Hyde Park, Los Angeles Co., Cal. Architect, George A. Howard, Jr., Grant Bldg., L. A. Owners, Hyde Park School District. The sketches provide for six buildings, four, two-room buildings and an auditorium will be erected on the present school site at Hyde Park, and two, two-story, eight-room buildings will be erected on a new site to be purchased at Angelus Mesa. The buildings will be of frame construction with brick or hollow tile walls, plastered on the exterior. Only preliminary plans have been prepared and further mention will be made of the work at a later date.

SCHOOL GROUP—1 and 2 story and base, brick. Cost not stated. Venice, Los Angeles Co., Cal. Architects, C. H. Russell Co., Union League Bldg., L. A. Owners, Venice Union High School District. Plans for this group of buildings, which have been fully described in the columns before, have been completed and have received the approval of the Board of Education. Bids for the work are now being taken and will be opened by the Board on March 9th at 3 p. m. Bids will be taken for the general construction with alternates A, B, C, D, E, F, G and H as per plans and specifications. Plans may be obtained from the architects on deposit of \$20.

STORES AND LOFTS—6 story and base. Class A construction. \$75,000.

Pasadena, Los Angeles Co., Cal. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owners, North Raymond Avenue Co. The building will be erected on Raymond avenue near Holly street, and will have a frontage of 50 feet by a depth of 103 feet. Ground floor will be arranged for stores and the upper five floors for light lofts. Construction will be of the reinforced concrete type throughout with reinforced concrete walls, floors, stairways and roof slabs. Interior finish will be of pine and metal. There will be metal window sash and frames, fireproof doors and patent store fronts. Plans provide for two elevators, a hot water system and steam heat. Exterior of the building will be faced with cement plaster. Plans are now being prepared. The work will be carried on by Mathew Slavin, Slavin Bldg., Pasadena.

Contracts Awarded.

HOSPITAL—5 story and base. Class A construction, \$110,000. Los Angeles, Cal. Architects, Garrett & Farrell, Currier Bldg., L. A. Owners, Methodist Hospital Association. Contractor, Geo. H. Whyte, Paloma street near Allen avenue, Pasadena. Contract price, \$110,000.

SCHOOL—1 story and base, brick \$34,174. Palms, Los Angeles Co., Cal. Architects, Dennis & Hewitt, Fay Bldg., L. A. Owners, Palms School District. Contractors, The Hunsberger-Reed Construction Co., Van Nuys Bldg., L. A. Contract price, \$34,174.

PORTLAND AND OREGON.

APARTMENT HOUSE—5 story and base, brick and steel, \$100,000. Portland, Ore. Architect, none. Owners, R. F. Wassell Co., 13th and Lovejoy streets, Portland. The building will be erected at the corner of 13th and Lovejoy streets, covering a large ground area. There will be a total of 57 suites arranged in two and three room apartments. All suites will have wall beds and private bath rooms. Interior finish will be of pine and hardwood. Oak floors will be used in the living and dining rooms. Plans provide for steam heat, elevator service, vacuum cleaning and hot water supply. Bath rooms will be finished in tile with composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and the owners are now taking figures on the following: Dumbwaiters, elevator, steam heating plant, cement, brick, lumber, plumbing, and bids for the balance of the work will be called for at a later date.

BRIDGES—Reinforced concrete. Cost not stated. Portland, Ore. Engineer, County Engineer. Portland. Owners, Multnomah County. Plans have been completed by the County Engineer for six bridges which are to be erected in Multnomah County. Plans and specifications can be secured from the County Commissioners, Court House, Portland. The following is a complete list of the work included: At Latourelle Falls, one reinforced concrete bridge, three 80 foot arches. At Youngs Creek, near Bridal Veil, 100 foot, reinforced concrete arch. At Bridal Veil, one reinforced concrete girder bridge across Bridal Veil Falls. At Multnomah Falls, 2 reinforced concrete viaducts and one reinforced concrete bridge. At Oneonta Gorge, one reinforced concrete girder bridge. At

Horse Tail Falls, one reinforced concrete girder bridge, together with reinforced concrete slabs on three openings between Mist and Multnomah Falls on the Columbia River Highway.

WATER SYSTEM—\$20,000. Umatilla, Ore. Engineer, Louis C. Kelsey, Selling Bldg., Portland. Owners, City of Umatilla. Bonds have been voted in the sum of \$20,000 to construct a municipal water system. Engineer's plans show a pumping plant with oil engine, steel tank and tower and direct connected pumps. Both cast iron and steel pipe will be used. Bids will be called for as soon as bonds can be sold. Further mention will be made of this work.

SCHOOL—2 story and base, reinforced concrete and brick, \$15,000. Arlington, Ore. Architect, Charles H. Burgraff, Albany, Ore. Owners, Arlington School District. Alternate bids will be taken for reinforced concrete and brick construction. The building will contain four class rooms on the first floor, together with a large corridor; second floor will contain three class rooms, an office and the balance of the floor to be left unfinished at present. Basement will consist of playrooms, lavatories, furnace and fuel rooms. Separate proposals will be received for heating and plumbing, and the balance to be included in the general contract. Plans can be had from the architect. Bids are now being taken and will be opened on March 6th.

SCHOOL ADDITION—1 story and base, brick, \$20,000. Astoria, Ore. Architects, Whitehouse & Foulhoux, Wilcox Bldg., Portland. Owners, Astoria School District. The work will consist of the erection of an addition to be used as an auditorium with gallery and seating 800. Other work included in the contract is the completion of the basement. Structure will contain equipped rooms for manual training, domestic science and sewing. Plans will be completed in about one month when bids will be called for. Bonds in the sum of \$20,000 have been voted for this purpose.

STORES, OFFICES AND THEATRE

—1 story and base, reinforced concrete, \$100,000. Portland, Ore. Architect, A. H. Gould, Henry Bldg., Portland. Owners, Portland Theatre Syndicate. The building will be erected near the corner of Stark and Park streets, covering an area of 100 feet square. Construction will be of the fireproof type with reinforced concrete walls, floors and roof slabs. Interior partitions will be of hollow tile and metal hatch and plaster. Trim will be of hardwoods and metal. Metal window sash and frames and patent store fronts are specified. Plans provide for eight stores on the first floor besides the theatre proper which will have a seating capacity of 2,000 people. Upper floors will be arranged for offices. There will be steam heat, elevator service, a vacuum cleaning system and mail chutes. Exterior of the building will be faced with cement plaster. Actual construction will begin early in March.

SEATTLE AND WASHINGTON.

WAREHOUSE—4 story and base, reinforced concrete, \$100,000. Seattle, Wash. Engineer, Assistant Engineer Henry Baetz, Port of Seattle Commission, Seattle. Owners, City of Seattle.

The building is to be located at the corner of Whatcombe and Spokane streets, and will cover an area of 147 by 210 feet. Interior will provide 1,500,000 cubic feet of storage space. Construction will be fireproof throughout with reinforced concrete walls, floors and roof slabs. There will be hollow tile and metal lath and plaster interior partitions, metal window sash and frames and fireproof doors. Elevator service is provided. Exterior of the building will be faced with cement plaster. Plans will be complete and ready for figures early in the summer. Further information can be secured from the Port of Seattle Commission.

HOTEL—2 story and base, brick \$30,000. Seattle, Wash. Architect, C. H. Bebb, Denny Bldg., Seattle. Owners, Horton Estate. The building will cover an area of 114 by 120 feet and will be arranged for stores on the first floor and a large number of single rooms and public baths on the upper floor. Interior finish will be of pine. Bath rooms will have tile wainscot and composition floors. There will be steam heat and a hot water supply. Metal window sash and frames and patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Separate figures will be taken for the plumbing, heating, electric work and painting.

MUNICIPAL DOCK—Timber and concrete construction. \$125,000. Tacoma, Wash. Engineer, City Engineer, Tacoma. Owners, City of Tacoma. The Commissioner of Public Works has been authorized to complete plans for a municipal dock large enough to care for ocean-going vessels and of a permanent type of construction. Money in the amount of \$125,000 is now available for construction. Further mention will be made of this work.

RESIDENCES—3, 2 story and base, brick, \$19,500 each. Seattle, Wash. Architect, Robert Knipe, Henry Bldg., Seattle. Owner's name withheld. These houses will be erected on Newton street near Broadway, and each has been designed to contain ten rooms, three baths and sleeping porches. Interiors will be finished in pine and hardwoods. Oak floors will be used throughout except in the bath rooms which will be finished in tile and will have composition floors. Plans provide for a central heating system, probably hot water, vacuum cleaning and automatic water heaters. There will be open fire places and tile or brick mantels. Exteriors will be faced with pressed brick trimmed with terra cotta. Plans are now nearing completion.

STORES AND OFFICES—2 story and base, brick and steel, \$45,000. Seattle, Wash. Architect, Charles H. Bebb, Denny Bldg., Seattle. Owner, Edgar Eames. The building will be erected at the southwest corner of 2nd avenue and Stewart street, covering an area of 90 by 110 feet. There will be several stores on the first floor and a number of modern offices on the upper floor. Interior will be finished in pine and hardwood. There will be metal trim, metal window sash and frames and patent store fronts. Steam heat is specified. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

HARDWOODS OF PANAMA.

[Consul James C. Kellogg, Colon.]

The following report on hardwoods of Panama was compiled from data furnished by Mr. S. P. Verner, sanitary inspector, Isthmian Canal Commission, who has traveled extensively in the Provinces and is familiar with the forests and the timber industry of the country. The botanical names have been verified and corrected by the Forest Service of the United States Department of Agriculture.

The cacique (*Eugenia lepidota*, family Myrtaceae) is a small tree, growing about 4 feet high and a foot thick, in scattered clumps or thickets on the hills. It is comparatively rare and the timber should therefore be taken out in connection with the general lumber industry in any given locality. The timber is generally considered the most valuable in the Republic, being durable, hard, impervious to insects, and very beautiful. The ground color of the wood, when cut and aged, is a rich deep red, with black spots and stripes. The natives demand at least \$5 for a cacique whiststock or cane, and such canes have sold in New York for \$25. The cured timber is quoted at 35 cents per pound. There are probably about 100,000 trees of timber size in the Republic, and the value of the timber, aside from the cost of getting it out, would be about \$7,000,000.

The name of this tree comes from the fact that the ancient Indian chiefs (caciques) used the wood for their scepters or batons of office. The ground wood is used by the natives as a styptic.

Caoba and Espave Trees.

The word caoba refers, in common Central American usage, to three kinds of trees: *Guarea caoba*, *Curatella guianensis* and *Swietenia mahagoni*. All three occur in the higher parts of Panama. The first two attain a height of 100 feet or more. Their timber is so similar to Honduras mahogany (*Swietenia mahagoni*) that it is equally valuable—about \$90 per 1,000 feet. The *Guarea caoba* will run from 3,000 to 5,000 feet per acre, and the amount now standing in the country is valued at \$180,000,000.

The espave (*Anacardium rhinocarpus*, family Anacardiaceae), often 5 feet thick at the base, grows to a height of 80 to 120 feet, of which 40 feet from the base is clear. Some of the large branches are available for lumber. Some forests average 15 big trees to the acre. The leaves are large, somewhat heart-shaped, light green, and very abundant. The espave is prized so much by the natives as a shade tree that they usually spare it in clearing for planting. They use the timber, however, for their canoes, many of which last for a generation or more. The wood is of a reddish bay color, resembling mahogany, for which it is often mistaken. It is close-grained, durable, and uniform in texture, takes a polish, and works readily. There are probably 1,500,000 of these trees in Panama. The timber is worth \$80 per 1,000 feet and the total value is about \$130,000,000.

Guayacan, Laurel, and Santa Maria.

The guayacan (*Tecoma chrysantha*, family Bignoniaceae) is somewhat smaller than most hardwoods, averaging

70 feet high and 2 feet thick and branching 30 feet from the ground. The leaves are small and compound, and the grayish black bark is rough and shaggy, with longitudinal furrows. The inflorescence is a mass of magnificent golden blossoms. The wood, hardest and most durable of the timbers of Panama, is akin to the lignum-vite (*Gualicum*) of the West Indies. It is much heavier than water, and to be rafted must be carried with lighter wood. Railway ties of guayacan have been in use on the Panama Railroad for more than 50 years. Since it is so hard that holes had to be bored for the spikes, it might be advisable to work it green for some purposes. The small waste of the industry might be used for shuttle blocks, of which the supply in the United States is fast becoming exhausted. There are probably 1,000,000 of these trees in Panama, worth about \$10,000,000.

The laurel (*Cordia gerascanthus*, family Boraginaceae), 3 feet in diameter, grows on hillsides to a height of 100 feet. The bark is white. The wood is yellow, hard, fine-grained, durable, and easily worked. It is said to be good for piling. There are probably more than 1,000,000 laurel trees in Panama, with an average yield of 1,000 feet per tree and a total value of \$60,000,000.

The Santa Maria or calaba (*Calophyllum calaba*, family Guttiferie) is a large evergreen, attaining a height of 100 feet or over with more than 50 feet clear and with a diameter at the base of about 3 feet. The bark is comparatively thin, mottled gray and black, and slightly rough. It peels from the wood readily. The wood is grayish white, as hard and elastic as hickory and also similar to teak. It is durable, straight, and close-grained, takes a good polish, and splits longitudinally better than most tropical hardwoods. It was used by the Indians for poles and is employed almost exclusively for palanquin poles. There is probably \$70,000,000 worth of this timber in Panama.

CONVENTIONS AT THE PANAMA-PACIFIC EXPOSITION.

Two hundred and six conventions now have been formally booked to meet in San Francisco in 1915 during the progress of the Panama-Pacific International Exposition. The last convention to be secured is that of the National Conference on Weights and Measures, which is composed of State weights and measures inspectors, city-inspectors of weights and measures, manufacturers of weighing and measuring apparatus, and Federal officials.

Three of the other most recent conventions assured to San Francisco in 1915 are of the American Association of Masters, Mates, and Pilots of Steam Vessels; the American Druggists' Syndicate; and the American National Live Stock Association.

GENERAL CONTRACTORS' ASSOCIATION HONORS MEMORY OF JAMES A. WILSON.

On Monday, February 16th, the General Contractors' Association closed its doors at 1:30 P. M. in honor of the memory of the late James A. Wilson, late President of the Builders' Exchange.

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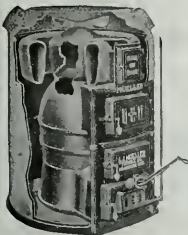
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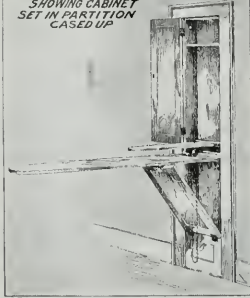
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Builders' Supply Depot, 38 8th, San FranciscoPage 40
Dalziel, F. E., 2014 University Ave., Berkeley; manufacturer of house and office fittings, mouldings and window frames, turning, band sawing, shaping, etc.

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Smith Co., P. A.

Hay & Grain.

Angeltinger, E.

Heating & Ventila- ting.

Ahnbach & Mayer
Atlas Heating &
Ventilating Co.
Klernan & O'Brien
Hurley Co. J. C.
Lawson, Herman
Looney Co. J.
Mangrum & Otter
Snoek & Co.,
Fred W. E.
Turner Co., The
Houses Movers &
Raters.
Hatch, H. L.
Pearson, N. H.
Sullivan, D. J. & T.

Inland Floors.

Hardwood Inter-
rior Co.
Inland Floor Co.
Pac. Floor Sand-
ing Co.

Iron Foundry.

Enterprise Found-
ry Co.
Stelger & Kerr,
Stove & Found-
ry Co.
Iron & Steel.
Baker & Hamilton
Dawson & Noyes
Ludon Mfg. Co.
Pacific Coast Steel
Company.
Trusted Concrete
Steel Company,
Woods & Huddart

Iron Works.

Brode Iron Wks.
Dyer Bros.
Eureka Wire &
Iron Wks.
Glasser & Kloeres
Golden Gate Iron
Works
Hillard Co., C. J.
Kell Iron Works
Nichel & Pfaff
Monarch Iron
Works
Ralston Iron
Works
S. F. Iron Works
Sartorius Co.
Schraeder's Iron
Works
Security Iron &
Wire Works
Stelger & Kerr
Stove & Found-
ry Co.
Vulcan Iron Wks.
West Coast Wire
& Iron Works
Western Iron
Works
Zenith Iron Wks.

Joint Hangers.

Paul Cape.
Kortick - Falls
Mfg. Co.
Lull & Co., Thur-
ston
Roman Co., C.
Waterhouse &
Price Co.
Western Bldrs.
Supply Co.

Lathers, Wood & Metal.

Balzke, Robt.
Edwards, H. H.
Hayden, Fred
Lynch, Richard
McAfee, E. T.
Raymond, Wm. H.
Snell & Dennis
Ward, J. E.

Lime & Plaster.

Arden Plaster Co.
Cal. Lime & Hy-
drate Co.
Cowell Lime &
Cement Co.
Guerin & Co., J. S.
Holland, J. E.
Lennon Co. J. E.
Pacific Portland
Cement Co.
Western Lime &
Cement Co.

Lumber Dealers.

Acme Lumber Co.
Christenson Lum-
ber Co.
Columbia Lumber
Co.
Doe Co., Frank F.
Hardy Lumber Co.
Hartwood Lum-
ber Co.
Hauptman Lum-
ber Co.
Krusse Co. J. H.
Hooper Lumber Co.
Higgins Lumber
Co.
Lumber Co.
Loop Lumber Co.
MacDonald Lum-
ber Co.
Moore Mill and
Lumber Co.
Olson - Mahony
Simms Nelson Co.
Peterson, E. T.
Pope & Talbot
Reinhart, Wm. L.
Lumber Co.
Ryan, George
Santa Clara Val-
ley Lumber & Lum-
ber Co.
Santa Fe Lumber
Co.
S. L. Lumber Co.
Schouten & Co., J.
W.
Sunset Lumber Co.
Tiemann & Beronio
Van Aradale-Har-
ris Lumber Co.
Woods Bros. & Co.
Wall, Jos. P.
Wood Lumber Co.,
E. K.
Yater, Wm. F.

Magnesian Floor- ing.

Artholt Mfg. Co.
Bender R.&P. Co.
Dwan & Co., J. E.
Firestone &
Roofing Co.
Flaherty R.&P. Co.
H. H.
Goodman, A. K.
Marolt & Peter-
son
Watsonite Co.

Mantels, Tiles & Grates.

Ginsberg Bros.
Kirwan & Dono-
van
Mangrum & Otter
Peerless Agencies
Co.
Rigney, Thos. F.
Wells & Mantel &
Tile Co.

Marble and Mosaic Work.

Gnecco, M. H.
Grassi & Co., P.
Mission Concrete
Works
Mission Marble
Works
Minto & Son, Kean-
on
New Era Marble
& Concrete Co.
Vermont Marble
Co.

Metal Lath.

Atlantic Fire-
proofing Co.
Berger Mfg. Co.
Blowhard Metal
Lath Company.
Lilly & Thurston
Co.
Roollings Sons
Co., John A.
Waterhouse &
Price Co.
Western Builders'
Supply Co.

Metal Stamping.

S. F. Metal Stamp-
ing & Cor. Co.
Oils and Greases.
Hatch, J. G.
Standard Oil Co., H.
Ornamental Plas-
tering.
Benkman, Ed. G.
Bing, Theodore
Larson, O. F.
Lipp & Co., J. P.

Paints and Deco- rators.

Baker Co., W. T.
Baker & Kaiser
Blum, Louis
Brock & James
Burns Bros.
Clark & Dickson
Cramer Bros.
Connor, E. J.
Connick, T. W.
Dahl, T. H.
Donovan, V. J.
Ericsson, W. N.
Hansen, Elbing A.
Lewis, S.
Miller, L.
Miller, J. J. James
McCubb, J. E.
Nanning, John
Neal, L. J.
Quaker Son
Ruderman, J.
Shawbury, Ben.
Schaefer, Wm.
Simms Nelson Co.
Smith, J. B.
Sovig, C. B.
Spark & Sons,
John H.
Swanson, Peter
Walker, Mayer
Wagner Bros.
Wagner Bros.
Zelinsky, R.

Paints, Oil Var- nishes, Etc.

Clark & Dickson
Cohn & Co., Mar-
tine
Fuller Co., W. P.
O'Brien, J. S.
Paraffine Paint Co.
Rice & Lambert
Whittier - Coburn
Co.

Patent Chimneys.

Clawson Co., J. E.
Dresser - McDon-
Hughes, H. J.
Dunlevy & Gottle

File Drivings.

Lambruth, C. E.

Planing Mills.

Anderson Bros.
Atkins Planing
Mill Co.
Birch Co., L. H.
Builders' Supply
Depot

Cal. Door Co.

Cal. Planing Mill
Emmanuel, L. & E.
(Inc.)
Empire Planing
Mill
Herring's Mill
Holden - Deuprey
Co.
Lorenson Mill Co.,
J. P.

Main St. Planing

Moore Mill & Lum-
ber Co.
Premis Planing
Mill
Reliant Lumber
& Planing Mill
Ryan, George
San Men Plan-
ing Mill
Santa Clara Val-
ley Mill & Lum-
ber Co.
Spencer St. Plan-
ing Mill
Taylor & Co.
Ting Mfg. Co.
Western Planing
Co.
Voss & Collins
Yates, Wm. F.

Plasterers.

Bosch, Herman
Bradley & O'Reilly
Brennan, James
Burt, Chas.
Campbell, Chas.
Cashman, M. J.

Chalmers, H. A.
(Inc.)

Fay, John
Greenback, Joe.
Connell Co., J. E.
Daly & Co., H.
Duthie, Chas.
Fraser, Simon
Fry.
Gilmour, W. G.
Jacobson, N.
Knowles, A.
Lea & Kaiser
Lyden & Bickel
MacGruber & Co.
Mowat Donald
Orford
Philbin, J. J.
Sexton, T. D.
Terranova, M. J.
The Pacific Plas-
tering Co.
Wagner, James A.

Plumbing and Gas Fitting.

Ahnbach & Mayer
Alker, Thom.
Bosch Bros.
Bernard, Geo. F.
Condon & Bond
Dunn, Neil H.
Empire Plumbing
Co.
Goss, Wm. P.
Grondona, A.
Houston, J. J.
Kara, F. J.
Klernan & O'Brien
Kirschbaum, W. F.
Lacey Bros.
Lauder, H. I.
Lawson, Herman
Lettich Bros.
Lavy Plumbing
Co., J. M.
Looney Co., J.
May, Gus
McNair, Lee, J.
McLeod, J. J.
Penkerton, J. H.
Perazich, H. J.
Skelley, Thomas
Shears, John
Snoek & Co.,
Fred W.
Steele & James E.
Turner Co., The
Wetzel, Theo.
Wilson & Co., W.

Plumbers Supplies.

Mark-Lally Co.
Nelson Mfg. Co.

Railroad Agent, Freight & Pas- senger.

Kent, James B.

Railway Materials.

Langford, Felts &
Myers
Orenstein - Ar-
thur Koppel Co.

Rigging.

Lambruth, C. E.
Markley, James E.

Roofing, Gravel & Composition.

Bender Roofing &
Paving Co.
Cal. Roofing Co.
Caneley & Co., J.
Enterprise Roof-
ing Co.
Flabry & Co.
Flaherty, R. H.
Goodman, A. K.
Larkin Asphalt
Co.
Lawson Roofing
Co.
Lowell Bros.
Majott & Peterson
Perry & Co., H. M.
Raphel Roofing
Co.
Samuel Co., H. D.
Thibetta Roofing
Co.
Watsonite Co.
Western Asbestos
Magnesia Co.
Western Felt and
Refining Co.

Roofing (Slate & Tile).

Graham, R. G.
White, Ed. A.

Roofing Materials.

Bird & Santa F. V.
Johns - Manville
Co., H. W.
Paraffine Paint Co.
Watsonite Co.
Price
Western Asbestos
Supply Co.
Whittier - Coburn
Co.
Sand, Gravel, Etc.
Bay Develop. Co.
Cal. Building Ma-
terial Co.
Holland, J. P.
McMullin Bros.
Stone Co., E. B. &
A. L.
Western Building
terial Co.
Western Develop-
ment Syndicate.

Sanitary Garbage

Chueca,
Bill & Jacobson
Sand Blasting
McDermott, W.

Sheet Metal Wks.

Appman Cornice
Works
Atlas Heating &
Ventilating Wks.
Barns Cornice
Works
Capitol Sheet
Metal Works
Comana Co., N. E.
Crown Cornice
Works
Forsythe Cornice
Works
G. & M. Sheet
Metal Works.
Gifford Cornice
Hibernia Sheet
Metal Works
Hughes, H. J.
Kern & Bros.
Ideal Cornice Wks.
Korell & Co., J. A.
Modern Sheet Met-
al Works

Morrison & Co., S. F. Metal Stam- ping & Cor. Co.

United
Products Co.
Western Furnace
& Cornice Co.

Sidewalk Light- ing.

Jackson Co., P. H.
Dwan & Co., E.
McGulgan & Co.,
John

Plaster Slidewalk

Light Co.
Waterhouse &
Price

Stair Builders.

Bishop & Peralino
Boiler, John
Jacobson, J.
Johnson, C. Wm.
Porter, W. F.
Stewart, J. K.

Stationery.

Foster & Short
Wright & Co.

Steel Bars.

Baker & Hamil-
ton
Dawson & Noyes
Woods & Hud-

Steel Erector.

Schaefer, Fred C.
Pinner, Con. Co.
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struction Co.

Street Cntrs.

Connahgan &
Elliot

Store Fronts.

Kawner Mfg Co.
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Structural Steel

Contractors.
Judson Mfg. Co.
Schraeder's Iron
Works

Western Iron Sup- ply Co.

Woods & Huddart
Staves.

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Stelger & Kerr

Structural Steel Contractors.
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Dwyer Bros.
Golden Gate Iron Works
San Francisco Iron Works
Reliance Iron Wks
Vulcan Iron Wks.
Zenith Iron Wks.

Surveyors.
Morse, E. J.
Sanborn & Corin-
son
Wetherill, Chas E.
**Tracing & Grad-
ing.**
Frank, J. P.
Barton, L. V.

Carlin Bros.
Devencenzi & Co.
L.
Dillon Teaming
Hartnett, J. D.
Holland, J. P.
Lennon Co. J. E.
Loren, Fred
Luggen, Ernest
McGillichey
Monahan
Montague Co., P.
O'Day Co., D.
Pico Edw., F.
Powell, Chas. J.
Shibley Teaming &
Grading Co.
Schmid, A.
Star Contracting
Co.

Wright Co., J. H.
Tiling.
Ginsberg & Co., S.
Mangrum & Otter
Peckless Agecon-
Co.
Tile Mfg. Co.
Watson Manuf'g
&
Vacuum Co.
Bill & Jacobser
Hyde Henry C.
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Co.
Wall Bedd.
Marshall - Stearns
Co.

Water Company.
Spring Valley
Water Works.
Whitewashing.
Simon Nelson Co.
Brickley, P. J.
Reigel & Jamelson
Taylor, L. A.
Window Cleaning.
American Window
Cleaning Co.
Progressive Win-
dow Cleaning
United Window
Clean Co.
Windows, Patent.
Birch Co., L. H.
Simplex Window
Co.

Door Openers.
Rischmuller, Geo.
Electrical.
California Electri-
cal Works.
Central Electric
Co.
City Electric Co.
Decker Electric Co.
Globe Elec. Co.
Levy Elec. Co.
National Elec. Co.
Elevators.
Oris Elevator Co.
Union Elevator
Co.
Fibre.
S. F. Fibre & Cord-
age Co.
Fireproof Doors.
Gervais, Henry.
Norris, L. A.
Roehling Sons,
John A.

**Heating & Vent-
ilating.**
Burnham Plumb-
ing & Heating.
Ing.
Cronan, Wm.
Mangrum & Otter
Montague, W. W.
**House Moving &
Relocation.**
Blum, Cont'g Co.
Pearson, E. K.
Sullivan, D. I. & T.
Inlaid Floors.
Hardwood Inte-
rior Co.
Inlaid Floor Co.
Pacific Floor
Sanding Co.
Iron Works.
Lorenz,
Schiffner &
Co.
Michaela & Pfeffer-
Monarch Iron
Works.
Pacific Rolling
Mill Co.
Pacific Struc. Iron
Works.

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180-188 JESSIE STREET PHONE KEARNY 4700

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Eureka Iron Wks.
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McIntosh Cons.
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Rialton Iron Wks
Schraeder
St. Francis Orn.
Iron Works
Teiger & Kerr
Stevens & Found-
ry Co.
Julcan Iron Wks.
Western Iron Wks
Withington, C. W.
Art Glass.
Cal. Art Glass Co.
Ingerson & Glaser
Co.

Blacksmith.
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American Bond-
ing Co.
Cody & Cutler
Aetna Life Ins. Co.
Boole, F. W.
Empire State Sar-
vis Co.
Fidelity & Deposit
Co. of Maryland
use, M. A.
Hillman & Son, J. R.
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Lloyd & Spengler
McIntosh, H. V.
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Pacific Coast Sas-
terly Co.
Pacific Surety Co.
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Carvey, J. E.
Carnegie Brick &
Pottery Co.
Carquinez Brick &
Pottery Co.

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E. B.
Peterson - Kart-
choke Brick Co.
Remillard, Chas.
Sacramento
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Pottery Wks.
G. B. Brick Co.
Oakland Paving
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Building Material.
California Build-
ing Material
City Supply Co.
Fernald Co., The
Kortick - Falls
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Holland, J. P.
Howard Co.
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Johns-Manville Co.
Lilly & Co., Robt.
L. & Thurston
Pacific Refining &
Roofing Co.
Parrott & Co.
Parsons Print Co
Pratt Building &
Material Co.
Quality Lime and
Cement Co.
United Material Co.
Waterhouse &
Lumber Prd. Co.
Western Bldrs'
Supply Co.

Building Paper
Lilly & Thurston

Cement Dealers
Balfour, Guthrie
Co.
Cowell Lime & Ce-
ment Co.
Holmes Lime Co.
Holland, J. P.
Leonard, J. J.
Maynard, Jr., J. L.
Meyer, A.
Pacific Portland
Cement Co.
Quality Lime and
Cement Co.
Western Building
Materials Co.
Standard Portland
Cement Co.

Concrete.
Chase, Silas A.
Camp & Carllan.
Concannon, Har-
relson Co.
Foater & Vogt
Goodman, B. Artifi-
cial Stone Co.
Hau, C. C. W.
Keatinge & Sons, R.
McClintock, R. and
Wm.
Leonard, J. P.
Lynch, A.
Pasqualetti, J.
Stanceland & Tay-
lor.
Stanceland & Tay-
lor.
Zimmerman, L. Forbes
**Concrete Rein-
forcement.**
Lilly & Thurston
Co.

**Contractors &
Builders.**

Allen, Alex. M.
Anderson, W. W.
Arthur, L.
Bateman, J. C.
Boring, F. H.
Concannon, S. A.
Brady, C. A.
Braunton Bros.
Brick, W. A.
Caldwell & Co.
Cameron & Disas-
ton.
Caleyrough & Ve-
zina.
Chisholm, R. A.
Cobby, J. H.
Concannon, W. N.
Conrad, H.
Craghino & Son.
Crawford, E. W.
Dewar, R. & Son.
Elam, Thos. & Son
Elliott, E. W.
Faby, R.
Fischer, Fred.
Franz, Val.
Frost, T. F.
Gardner, Frank.
Gallagher, B. G.
Gardiser, Flarent.
Greig, Robt.
Hansbrough Bros.
Healey - Tibbitts
Con Co.
Hinson, A.
Hill, J. A.
Holm & Son.
Howkins, A.
Ingerson, C. A.
Jacks, H.
Jones, W. G.
Kent, S. H.

Knowles & Reich-
ley.
Lang & Bergstrom
Lettler, E. T. &
Sons.
Lynch, M. C.
Masow & Morrison
Mathews Con. Co.
Mathies, H. C.
McNain, J.
McClintock, R. and
Wm.
McLachlan, Thos.
Miller, Adam.
Moller, R. W.
Morey, H. B. & Son
Oswley, B. T.
Penny, Isaac.
McLeran & Peter-
son.
Robinson & Gil-
lespie.
Savage, M. J.
Simmen, John.
Smith, J. W. & Son
Spencer, A. T.
Stockholm & Al-
lyn.
Terrill, G. C.
Walker Bros. Co.
Warwick, H. C.
Buller, Thos.
White Bros. (car-
penters)

Cornice Works.
Amsler, C. S.
Berger Mfg. Co.
Capitol Sheet Mtl.
Works.
Comyns & Child-
ers.
Conlin, J.
Cronan, Wm.
Forderer Cornice
Works.
Gulffoy Cornice
Works.
Appelman
Works.
Heldt, Wesley.
Morrison & Clark.
S. F. Cornice Co.
De Lano & Sons.
Western Furnace
& Cornice Wks.

**Contracting
Lumber.**
Lynch, Richard
Snell & Dennis
Raymond, W. H.
Curbank, Granite.
McLeneagan, S. B.
Damp Proofers.
Brickley, P. J.
Reigel & Jamison

Grill Work.
Cal. Art Metal &
Wire Works.
Merle Co., A.
Sartorius Co.
Withington, C. W.

Gen. Contractors.
Andrus, R. C.
Brigham, H. B.
Caldwell & Co.
Cereghino & Son,
Louis
Currie & Currie
Dempsak Bros.
Farquharson, D. B.
Felt, Geo. L.
Fluth & Morton
Fraser & Fraser
Graham, H. E.
Griffin, Wm.
Hannah, J. D.
Hannah & Co. J.S.
Hayes, W. W.
Jackson, A.
Kuykendall, J. O.
Malley, Edward.
Mathies, Henry
Peacock, John
Schneely, Host-
trower & Ped-
griff
Van Sant-Hough-
ton Co.

Glass and Glazing.
Cal. Plate & Win-
dow Glass Co.
Cohen
Cobbledick Glass
Co., L. N.
Friedman Bros.
Fuller, W. P. &
Co.
Habenlicht &
Hawlett
Holland, J. P.
Schwarz & Gott-
lieb (Inc.)

**Grading & Team-
ing.**
Church, D. O. Co.
Dillon, D. J.
Eureka Teaming
Co.
Fay, S. J.
McClure, H. N.
Wilhelm, A. H.
Wilkie Co. A.
Williams, F. A.
Wright, Chas.
Monarch Teaming
Co.
Shibley, L. B.
McLeneagan, S. B.

Granite.
Bradbury, Thos.
Cal. Granite Co.
De Lano & Sons.
C. L.
Hunt, A. T.
Raymond Granite
Co.

Hardware.
Brittain & Co.
Krusse, J. H.
Lorenz, Schiffner
& Co.
Meyer, A.
Palace Hdq. Co.
Hend and Light.
Pacific Gas and
Electric Co.

**Interior Decora-
tions.**
Lathens.
Snell & Dennis
Lynch, Richard
**Jobst Hangers &
Post Caps.**
Kortick - Falls
Lilly & Thurston
Co.
Western Builders'
Supply Co.

**Kawner System
Store Fronts.**
Falls Mfg. Co.
Lilly & Thurston
Co.
Light and Power
City Electric Co.
Pacific Gas & Elec-
tric Co.
Lime, Cement, etc.
Adair, Cement
Plaster Co.
Arden Plaster Co.
California Lime &
Mathies, Henry
Cowell Lime &
Cement Co.
Holladay, J. P.
Holmes Lime Co.
Lennon, Jas. E.
Lucas, W. E.
Pacific Lime & Plas-
ter Co.
S. F. Lime Co.
Shuman Lima Pro-
ducts Co.

**Western Building
Material Co.**
Western Lino &
Cement Co.
Lumber.
Acmur Lumber Co.
Christenson Lum-
ber Co.
Hart-Wood Lum-
ber Co.
Humboldt Lumber
Co.
Hauptman Lum-
ber Co.
Hooper Lumber
Co.
Krause, J. H.
Loop Lumber Co.
Macdonald Lum-
ber Co.
Moore, R. B. Mill
& Lumber Co.
Olsen - Mahoney
Co.
Pope & Talbot.
Santa Fe Lumber
Co.
Schuten Lumber
Co.
Tiernan & Ber-
nards
Van Arsdale-Har-
rison Lumber Co.
Wilson Bros. & Co.
Doe Co. F. F.
**Lumber (Hard-
wood.)**
Diackmann & Ber-
nards
Howard, E. A.
Niehaus, Ed. F. &
Co.
Witte Bros.
S. F. Lumber Co.
Harron, Richard
& McConce.

Masons & Builders
Alexander, R.
Allen, C. J.
Anderson & Ral-
ney.

Arlett, A.
Beck, A.
Brady, M. V.
Brady, O. E. & Son
Brandon, E. J.
Brennan, J. E.
Brigham, H. B.
Butcher, Thomas
Butcher & Hadley
Byron, D. J. & Son
Campbell Bros.
Carr, J. W.
Drake, Harry E.
Downey, J.
Fennell & Reed
Fennell, Jas.
Gale, M. F. & Son
Gilson, J. E.
Harrison, A.
Hibbins & Baker
Hock, Chas.
Hoffman, V.
Hogberg & Lud-
wig

Larsen, H. H.
Lawson, A. W.
McGowan, M.
Miller, J. W.
Murray & Mow-
bray.
Mulcahy Bros.
Nagel, W. L.
O'Connor & Col-
lins
O'Rourke, T. F.
Palk & Schindler
Rings, R. & Son
Scott, W. S.
Walker, P. J.
Watson, Sage
Watson, Sidney
White, J. M.
Whitney & Davies
Wilson, James A.
Wygant, J. H.

Marble.
American Marble
& Mosaic Co.
Columbia Marble
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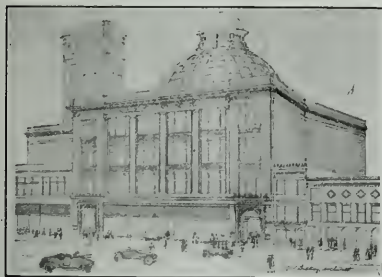
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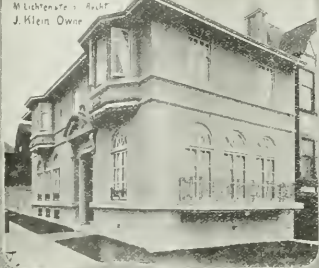
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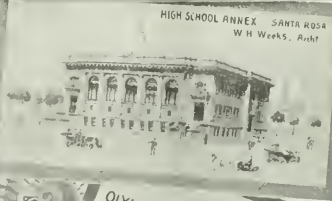
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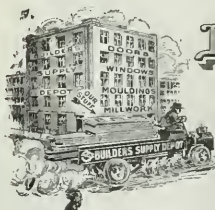
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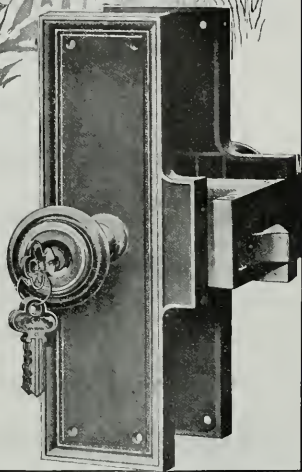
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Editorial Comment.

How fast the affairs in Mexico are moving remains to be discovered. Only one thing is certain and that is that life and property is not safe there for any person. So as events move forward the time will soon come when the powers of earth will have to unite in putting an end to a state of anarchy in the country to the south of us or there will have to be some representative of constitutional government arise that is strong enough to maintain order and maintain some semblance of proper government. It is a sorry mess and the outlook is not at all hopeful.

Despite the weather prophets March has come in like a lamb, and a spring lamb at that, gamboling on the greco of California hills. After two months of rain storm the first month of spring has opened with bland skies and open sunshine. Abundant rains of the winter speaks for a fruitful year. With the currency question settled and the new tariff adjusted, business should rapidly and permanently adjust itself. A prosperous season means a prosperous year and a prosperous year means better buildings and more of them. We can stand the rain and storm. For after the storm comes the sunshine and the rains are the life blood of the State. Whether we get any more rain in March or not we are practically assured a prosperous season in California.

Building construction for the month of February went along at a rather slow pace in San Francisco, the total for private work amounting to \$1,091,119 and an additional amount of \$519,325 for Panama-Pacific work. This was less than two million, although the city let contracts to the extent of \$294,125 for buildings and \$193,314 for street and sewer work. To this is added \$233,953 for State work in the city bringing the total up to \$2,331,866 all together.

February is a short month and considering the rainy winter the total is about up to the average for the month. In February, 1913, the total construction for San Francisco amounted to \$2,736,813. So that the difference is comparatively small.

One thing about the record for last month is that the contracts for brick buildings and permanent construction was small, the total amounting to \$407,075 as against \$541,928 for frame construction. So that the building record for the past month is mainly one of small buildings, residences and buildings outside of the fire limits. In detail the figures are as follows:

Brick & concrete constr. \$ 404,074

Frame	541,928
Alterations	145,136
P. P. I. E. work.....	519,325
City Buildings	294,125
City streets and sewers..	233,953

Total\$2,331,866

The total for January, 1914, amounted to \$1,928,563 so that even with a short month there was a substantial gain.

Compared to former years the figures are as follows:

February.	
1905	\$1,200,880
1906	1,791,858
1907	4,355,513
1908	2,662,143
1909	2,871,495
1910	2,066,034
1911	1,568,680
1912	1,696,332
1913	2,655,990
1914	2,331,866

It is to be noted that 1913 and 1914 contain the City, State and Government contracts, while the years previous to that do not. It happens, however, that both in 1913 and 1914 there was less than half a million contracts let for all these combined for the month of February. So that while last month was slow so far as business is concerned it was about an average for the years.

Architect G. Alexander Wright keeps steadily at the proposition of seeking better methods of estimating. His latest issue of the Quantity Surveyor reiterates his oft repeated statements concerning better estimating and contract methods and draws especial attention to the fact that the system that he advocates necessitates the furnishing of perfectly clear drawings, complete specifications, and final interpretation of all doubtful questions before a contract is let.

This is at least one important reform that should be effected. Most contractors go broke because of incomplete data. During periods of depression, at least, the fellow who makes a mistake usually gets the contract and then he discovers it too late.

Indefiniteness is the great trouble with the building game. It is the cloak that covers a multitude of sins. It hides the incompetent architect and permits him to slide with either the owner or the contractors as his interest may dictate. And it is usually the rock upon which the responsible man is wrecked. Clear drawings and complete specifications are the first requisite to a definite contract. Final interpretation of doubtful questions before the contract is let would remove the cause for most of the disputes and expensive litigation. Architect Wright is on the right track. He should have the support of all who desire to better the building business.

Scientific Sewage And Garbage Disposal.

Reports from Foreign Cities by the U. S. Consular Service.

American cities are paying increased attention to the problem of purifying sewage before discharging it into rivers or other convenient bodies of water. The necessity of such purification is generally recognized, but the selection of an economical and efficient method to meet the requirements of a particular city is a difficult matter. Much can be learned from the experiments of the comparatively few American cities that have attempted scientific treatment of sewage, and the methods adopted in certain European cities, especially in England and Germany, are particularly interesting and instructive. For instance, a number of European cities have attempted to meet the expense of purification by selling sludge to farmers and by using liquid sewage on irrigation farms.

The following synopsis of a series of consular reports on the subject of sewage and garbage disposal in Europe aims to show what progress has been made in a number of cities where scientific methods have been adopted. The reports were prepared by the consuls at the request of the commission on sewage disposal by one of the largest American cities. Cities with a population of less than 50,000 have not been included in the synopsis, nor have cities that make no attempt at sewage purification; the latter include nearly all the municipalities of southern and eastern Europe, as well as a few others located near the seashore. Reports from London, Berlin, and Paris were not called for.

Annual reports on the operation of sewage-disposal plants are issued by most of the cities mentioned, and these, together with other details that may be desired, can usually be obtained by addressing the engineering departments of the various cities.

UNITED KINGDOM.

Birmingham Consular District.

In Birmingham the household wastes and street washings flow through the same sewers. More than half the houses of the city are connected with sewers. The sewage is first run into settling tanks and then treated on biological filters. The sludge is treated biologically, rendered inodorous and afterwards dried on drying beds. The first attempt to eliminate impurities from the sewage was made in 1859, when two precipitation tanks were built and several acres of land acquired for irrigation. The purification effected was not satisfactory. Several methods of chemical precipitation were subsequently tried, but in 1871 a committee reported adversely on these methods. Since then the tank capacity has been greatly increased and a much larger area acquired for irrigation. Street sweepings, garbage, and ashes are burned in incinerators.

In Wolverhampton, a city with a population of over 95,000, sinks and water-closets are connected with sewers. There are some 10,000 pan closets, which are emptied weekly and the

contents, mixed with ashes, sold to farmers. Separate sewers are provided for street washings in about two-thirds of the borough. The sewage is subjected to precipitation with lime, followed by land filtration. The sludge is pressed and sold to farmers in winter and air-dried on land in summer. Septic treatment of sewage was tried, but was considered unsatisfactory.

In the city of Bradford, population 258,000, household wastes and street washings are run into the same sewers. The sewage is purified by chemical precipitation and filtration. The sludge is filter-pressed for the extraction of wool grease, the yearly value of grease recovered being about \$250,000; part of the press cake is sold as manure at 74 cents a long ton, and part is used as fuel. The first method of sewage purification tried in Bradford was filtration through peat. Later, lime precipitation followed by filtration through coke was tried, but this method also failed. The street sweepings are tipped onto vacant land, and house garbage and ashes are part tipped and part burned.

In Halifax, population over 100,000, household wastes and street washings flow into the same sewer. The sewage is treated in precipitation tanks and bacterial filters (double contact beds and percolating filters.) The sludge is pressed and carted away by farmers. Street sweepings, garbage, and ashes are tipped onto vacant land.

Leeds Consular District.

The city of Leeds has a population of 445,000 and maintains five sewage works. Household wastes and street washings flow into the same sewers. The sewage is subjected to bacteriological treatment after chemical precipitation and the sludge is pressed into cakes and disposed of as fertilizer. Sixty per cent of the house garbage and ashes collected in the city is disposed of in destructors; the remaining 40 per cent is deposited on land as manure or is used to fill quarries. The street sweepings are sold at 18 cents a ton to farmers and market gardeners. For 10 years the city has experimented with practically all the known methods of treating sewage.

In Wakefield, a town of 51,000 inhabitants, located 9 miles from Leeds, the household wastes and street washings are run into the same sewers, although there are a number of special storm sewers to take away surface waters from the streets. The sewage is subjected to chemical precipitation-percolation through bacteria beds, and settlement in humus tanks. The sludge is trenching into land formerly used for filtration purposes. At one time land filtration after chemical precipitation was tried, but the land proved unsuitable.

Previous reports on sewage disposal in Leeds and Wakefield were published in Daily Consular and Trade Reports for October 21, 1910. A detailed description of the methods employed in Wakefield, furnished by the borough

engineer, may be had from the Bureau of Foreign and Domestic Commerce, Washington, D. C.

Sewage Farming at Liverpool.

Nine-tenths of the sewage of Liverpool is discharged into the Mersey without treatment of any kind. The remaining one-tenth comprises the sewage of districts known as the West Derby and Walton and is treated on the West Derby and Walton sewage farms, the system adopted being broad irrigation without chemical treatment, but assisted by bacterial and storm-water beds. The West Derby farm has an area of 207 acres and receives the sewage of about 56,000 inhabitants. The Walton farm has an area of 277 acres and receives the sewage of about 61,800 inhabitants. The crops on both farms consist chiefly of rye grass, caldages, potatoes, mangel-wurzel, and beets.

Manchester Consular District.

In Salford, a town of 231,000 lying opposite Manchester, one system of sewers is used for both household wastes and street washings. The sewage is subjected to chemical precipitation, in which lime and salts of iron are used, and the tank effluent is then passed through rough filters and finally bacterial filters. The sludge is sent to sea in a 60-ton sludge steamer. Street sweepings are sold as manure, and the house garbage, ashes, etc., are burnt in destructors. Many methods of sewage purification, probably 20 to 30, have been tried in the last 25 to 30 years.

In Oldham, a town of more than 117,000 population, all household wastes and street washings are carried off in the same sewers. The sewage is treated by precipitation, settlement, and contact and sprinkling beds. The sludge is given to farmers. Street sweepings are used as manure, and garbage and ashes are burned in destructors.

Sewage Disposal System of Sheffield.

Until 1886 the sewage of Sheffield flowed in an untreated condition into the rivers and watercourses. In that year a main sewerage scheme was completed at a cost of \$750,000, and sewage-disposal works were constructed at a further cost of \$220,000, the process adopted being that of lime precipitation. The works were designed to treat a flow of 10,000,000 gallons of sewage per day, but for several years a flow of 17,000,000 gallons has been dealt with, and since 1886 the population has increased from 304,720 to 470,000, and the introduction of the water-carriage system, the extension of the drainage area, and the increased requirements have necessitated improved methods of treatment in addition to increased capacity. It was finally decided after exhaustive experiments to adopt a scheme consisting of continuous-flow settling tanks and contact beds. The local government has approved the scheme, which is now partly in operation, and the remainder is approaching completion.

The estimated cost of the extensions was \$1,350,000, but it appears probable that the work will be completed for \$35,000 less than that amount. In addition to this the city has bought lands for the present works and future extensions at a cost of \$130,000.

The principal features of the scheme include a new main valve chamber, into which a 5-foot barrel sewer discharges and also a 7-foot duplicate sewer. A storm-water overflow arranged to discharge the excess flow above 615,000 gallons per day to a storm-water conduit is fixed in the chamber.

A large penstock, with opening 5 by 12 feet, admits the sewage to a conduit 12 feet wide, which conveys it to the catch pits. Two pairs of catch pits, 42 feet long, 29 feet wide, and 13 feet deep, have been constructed; they are fitted with new screens, which extend the whole length of the pits and which are cleaned by hand rakes. The catch pits are in the form of a double hopper and retain the heavier grit, garbage and larger objects. Each pair is fitted with endless-chain bucket elevators for cleansing purposes. Two additional catch pits have been added, approximately twice the size of the older ones, and fitted with mechanical screens and an electrically driven traveling bucket dredger. The sewage passes from the catch pits through branch and main conduits 1 foot, 16 feet, and 20 feet wide, built in brick and covered with girders and concrete to the settling-tanks. The complete scheme includes 17 continuous-flow settling tanks, each holding approximately 1,000,000 gallons, which are now in operation.

Sixty contact beds, each half an acre in area, and 16 storm beds of similar design but twice the size are in course of construction. The works will provide for the treatment of a maximum quantity of 64,500,000 gallons of sewage a day, and will be one of the largest of its kind.

Sheffield has two extensive garbage destructors, the refuse destroyed in 1912 and 1913 amounting to 42,898 and 32,805 tons respectively, at a cost of \$28,760 and \$21,450. For dumping 35,663 tons of garbage requiring railway transportation there was expended, in addition to these amounts, \$20,435.

A plant for converting fish refuse into fertilizer recovered 82½ tons during 1913; it was sold at a profit to the municipality of \$600. There is also a can-bundling plant that handles 300 to 400 tons of used cans a year.

Methods Employed in Belfast, Ireland.

The single-sewer system is in use in Belfast. At one time all sewers emptied directly into the River Lagan, but sedimentation tanks are now used and the purified effluent is stored in ponds until high tide, when the discharge commences. The sludge is pumped into a ferro-concrete loading tank, whence it is discharged into a steamer and carried to sea. Experiments have been made with various systems of sewage disposal, but the city authorities are of the opinion that the method now used is the most economical for a city situated on the seashore. A refuse destructor having 12 cells, each with a capacity of 10 tons per 24 hours, has been constructed. An incinerator furnace has been added, and in this are consumed all infected

articles, typhoid excreta, diseased carcasses, fish offal, and other objectionable material. Unobjectionable matter is either used to fill up hollow ground or sold for manure.

Glasgow Consular District.

The single-sewer system is used in Glasgow, Scotland, and the sewage is purified by chemical precipitation; a portion is filtered. A portion of the sludge is filter-pressed; the bulk of it is sent to sea. Part of the street sweepings, garbage and ashes is destroyed in destructors and part sold. Reports on the garbage disposal system of Glasgow were published in Daily Consular and Trade Reports for October 21, 1910, and March 12, 1913. A copy of the annual report of the manager of the sewage-purification works of Glasgow will be loaned by the Bureau of Foreign and Domestic Commerce.

In Greenock, a town of over 74,000, the household sewage and the street washings are carried off in the same sewer; the sewage is emptied into the river without previous treatment. Street sweepings, garbage, and ashes are sold as manure, tipped onto vacant land, or sent to the destructor, depending on the character of the material.

GERMANY.

Barmen Consular District.

Barmen, a city of 172,000, depends chiefly on the Trennung (divided) system of sewerage, in which the sewer has two parts, the upper and larger for street washings and the lower for household wastes. The street washings are emptied directly into the river. The sewage is mechanically cleared. An experimental plant for further purification has recently been put into operation. Street sweepings are dumped. Garbage and ashes are burned in the municipal garbage plant. The present garbage-burning plant was constructed in 1907 and has given satisfaction in every respect. Not only is the city's garbage disposed of in a sanitary manner, but incidentally a fine quality of sand is produced, and the heat produced by the burning garbage is converted into electricity. The slag is reduced by crushing to various grades of sand that have been used with splendid results for building purposes and for the manufacture of bricks. The hot gases from the burning garbage are conducted to a boiler, and the steam raised is used to run a steam turbine that is connected with a dynamo. The current developed is sold to the municipal electric works at 0.833 cent per kilowatt hour. The plant produces annually 11,000 tons of slag or clinkers from 22,000 tons of garbage, and the electric current produced amounts to 1,700,000 kilowatt hours per year.

Elberfeld, population over 172,000, has the double-sewer system in some parts of the city and the single system in others. The sewage is treated in mechanical settling basins, and the sludge is used for filling in land. Street sweeping, garbage, and ashes are also used for filling in.

In Dusseldorf, population 400,000, household wastes and street washings are carried off in the same sewers. The sewage is purified in a Fein-Rechenanlage (fine raking plant), and the sludge sold to farmers. Street sweepings, garbage, and ashes are carted away at present, but a plant for burning such

refuse is contemplated, and it is planned to use the waste of this plant in making artificial stone, fertilizer, etc.

Hamburg Consular District.

Hamburg, with a population of over 1,000,000, is located on the Elbe River at a point where the tidal ebb and flow amounts to 6.56 feet, and where conditions are such that the current of the river itself is disregarded as an influence in the matter of sewage disposal. Household wastes and street washings flow into the same sewers. The contents of the main sewer, before being discharged into the Elbe, pass through collecting basins in which the swinging dredges continually remove solid and floating material, which is then transferred in barges to a low-lying island in the river, the level of which is being slowly raised. The waste water then flows into the river through three final discharging pipes. Owing to the tides there is a steady circulation of fresh water and a continual churning of the refuse, which facilitates its destruction. No general attempt has been made to sterilize sewage at Hamburg. Garbage and ashes are collected in carts and incinerated. Previous articles on sewage and garbage disposal in Hamburg have been published in Daily Consular Reports for October 21, 1910, February 13, 1912, and March 12, 1913.

Harburg, with a population of 67,000, is located on the south branch of the Elbe, opposite Hamburg. Separate sewage systems are maintained for household wastes and street washings, and practically all houses are connected with the sewer system. All waste water is led into a clearing plant, where by means of dredging rakes and cesspools it is mechanically clarified. No other process has ever been employed.

In Rostock, population 70,000, the household and street wastes flow into the same mains, and the sewage is purified in Emscher wells or cesspools. Garbage and city wastes of all kinds are collected and used for filling land.

FRANCE.

Method of Purification Employed in Rhelms.

In the city of Rhelms, with a population of 115,000, the kitchen slops in the modern buildings are connected with the sewers, and in about 200 of the 13,221 buildings of the city the water-closets are also connected. Rain water is carried off in the storm sewers. Since 1885 the city has clarified the sewage by irrigation on agricultural land. This purification, which is considered very satisfactory, is effected on fields of a chalky nature comprising some 1,400 acres. The work is carried out by a private company. Previous to 1885 chemical purification was attempted, but proved a failure. The street sweepings, garbage, and ashes are carried away by private contractors, to whom the city pays annually about \$15,000. After sorting, this refuse is sold for fertilizing purposes. The authorities are considering the advisability of changing this method of utilizing the city sweepings.

Brickmaking from City Refuse in the Commune of Villenrhanne.

In the commune of Villenrhanne, adjacent to the city of Lyon, the city refuse is burned and bricks are made from the residue. This has been a pri-

has arranged for the purchase of the crematory. The crematory is a model plant, and annexed to it is a brick-pressing plant. The furnace serves not only to burn the refuse, but also to operate, by steam, the various machines in the factory.

The residue from the furnace is first carried through a series of heavy rollers, after which it is delivered in the vate enterprise but the municipally form of a fine powder to a mixing trough. Here it is mechanically mixed with a heavy lime in the proportion of 80 per cent of residue to 20 per cent of lime. This mixture is emptied into another longer trough by a system of buckets operated on a chain, where the proper amount of water is added, and the material is then fed to the brick-pressing machine, which is of English manufacture and capable of turning out 20,000 bricks per day. After 28 or 30 days the drying is completed, but the bricks are as a rule not used for 60 days from the time they leave the press. The only kinds of refuse not used in this manufacture are empty cans, metal barrel hoops, and other similar waste, which may easily be sold as scrap metal.

The bricks sell at the factory in ordinary wholesale quantities at \$3.79 per thousand. If ordered in very large quantities, this price is sometimes reduced to \$5.40, or even \$5.20. The bricks are of good quality, strong and durable, and light gray in color. They are said to be especially appreciated by the masons on account of their smooth surface and even edges. It must be understood that the above prices are those of a private concern, which would naturally be interested in making the figures as high as possible. Were the work completed under municipal supervision, the cost of manufacture would be less, and the expense of disposing of the city waste could probably be fairly met by the profits derived from the incineration of the refuse and the building material made therefrom.

AUSTRIA.

Sewage Disposal in Prague.

The sewage from the city of Prague, population 375,000, is conducted through four large sewers to a cleaning plant at Bubenc, one of the suburbs. The sewage is first passed through a system of screens, which catch the coarser materials. The balance of the material then passes along, and is distributed to 10 oblong basins 285 feet long, 18 feet wide, and 9 feet deep, where the solid substance settles to the bottom. About 163 cubic yards of sediment results each day. The thinner sediment is conducted onto an island, where it flows into trenches, and during the winter months the sediment from these trenches is taken to a point down the river Moldau, where it is again placed in open trenches to evaporate, when it is sold as fertilizer. It is taken down the river in closed tanks on open boats. After removing all the solid substances the water remaining runs into the river. Kitchen sinks and water closets are connected with the sewers. The street washings flow into the same sewers. Practically the entire city is provided with sewers for household waste. There has not been any other method of treatment. Street sweepings, garbage, and ashes are

hauled to depositories in the suburbs and sold to farmers.

RUSSIA.

Modern Methods of Sewage Disposal in Moscow.

The city of Moscow has a population of about 1,550,000, and about 40 per cent of the city is provided with sewers for household wastes. A separate system of canalization is provided to carry off the street washings. The sewage is filtered on sewage fields and part of it is subjected to biological treatment on the city station. The sewage fields are giving very good results. The waters, after passing several filters, are used to irrigate plantations of cabbage and other vegetables, which find a ready sale in the city. The city is still making experiments with the biological purification of the sewage.

Sewage Disposal in Odessa.

The sewage of the city of Odessa, population 520,000, is to a large extent used on irrigation fields, where it gives excellent results. Good crops of vegetables are obtained and fair results have been obtained with wheat. The street sweepings, garbage, and ashes are dumped outside the city, although a small portion is destroyed in a destructor.

TRIBUTE TO JAMES A. WILSON.

Masons and Builders Pass Resolutions of Respect and Appreciation of Late President of Builders' Exchange.

San Francisco, March 2, 1914.

WHEREAS, the hand of Providence having removed from our midst our

highly esteemed friend and associate, James A. Wilson, whose genial nature, ability and integrity made him available as a certain choice for the highest honors at the hands of the members of all the many fraternal and business organizations with which he was affiliated, and

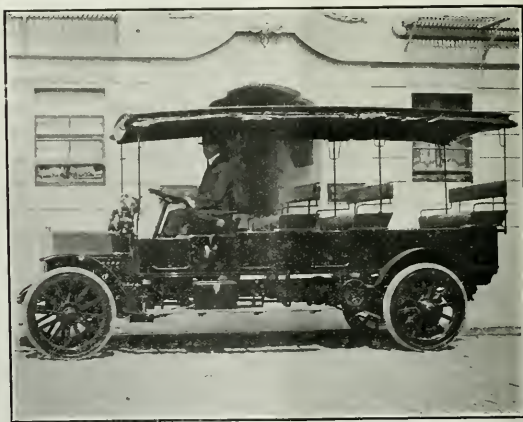
WHEREAS, through all his associations during his long and useful life he reflected credit upon the bricklaying craft, of which craft he was a past master, therefore be it

RESOLVED, that the members of the Masons' and Builders' Association of San Francisco take this means of expressing our heartfelt appreciation of the hallowed memory of our departed brother, and in regretting his removal from our midst we mourn for one who was in every way worthy of our respect and regard, and be it further

RESOLVED, that in the death of James A. Wilson the Masons' and Builders' Association has lost a true and faithful exponent of the ancient and honorable craft and the City of San Francisco has lost a leading progressive citizen whose example should be emulated by all who would better themselves and the community, and be it further

RESOLVED, that we sincerely condole with the children of our departed brother and congratulate them that their father has left them as a heritage an honored name, which is more to be desired than great riches.

N. LARSEN,
JOSEPH J. PHILLIPS,
E. J. BRANDON,
Committee.



MOTOR TRUCK ON ITS WAY TO TAHITI.

"A Federal Passenger Truck recently delivered to Atkins, Kroll & Co. in this city, is the latest commercial car of this type to be exported," says P. S. Nichols, Commercial Car Manager of the Pacific Kessel Kar Branch.

"In the past two months," says Nichols, "we have exported no less than five of these trucks—three to the Hawaiian Islands, one to Tahiti and one to South America, and from this fact it is very evident that these foreign climes are going to prove quite a harvest to commercial car dealers in San Francisco."

Firms dealing news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 5 story and base, brick and steel, \$35,000. Architect, W. G. Hind, 16 Kearny street, S. F. Owner, Dr. Clyde S. Payne. This building will be erected on the north side of Bush street, 90 feet west of Stockton, and will have a frontage of 50 feet by a depth of 68 feet 9 inches. A modern French style of architecture has been used. There will be four stories on the first floor and a total of 24 two and three room suites on the upper floors. Interiors will be finished in redwood and white enamel. Oak floors will be used in the living rooms and halls. Plans provide for steam heat, an automatic elevator, portable vacuum cleaners and a hot water supply. All suites will have wall beds and private bath rooms. Bath rooms will be finished in tile with composition floors. Entrance and lobby will have marble and tile wainscot. Exterior of the building will be faced with white enamel brick. Plans are complete and segregated figures are being taken on the various parts of the work.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$22,000. Architect, Charles J. Rousseau, 16 Kearny street, S. F. Owner's name withheld. The building will be erected on Scott street near Lombard, close to the Exposition grounds, and will cover an area of 50 by 100 feet. The design is in the Classic style. Interior will be arranged for 18 apartments of two and three rooms, some of which will have dining rooms connected with the living room by sliding doors. Interior finish will be of pine and hardwood veneer. Oak floors will be used. There will be steam heat and a hot water system. All apartments will have wall beds and private baths. The wainscot and composition floors will be used in the bath rooms. Entrance will be finished in tile and marble. Exterior of the building will be covered with pressed brick veneer. Plans are being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$12,000. Architect, Ernest Hildebrand, Crocker Bldg., S. F. Owner, Ernest Hildebrand. The building will be erected on the west side of Larkin street near Union, and has been designed to contain 12 modern suites of three and four rooms. Interior finish will be of pine and redwood with some oak floors. There will be steam heat and a hot water system. Bath rooms will be finished in tile with composition floors. All suites will have private baths and wall beds. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and segregated figures are being taken.

SAN FRANCISCO—Apartment house addition, 1 story, frame, \$2,500. Architect, Henry Shermund, Mills Bldg., S. F. Owner, Henry Proll. The present building located at the southwest corner of Clay and Larkin streets will be altered and an additional story con-

structed. New portion of the building will contain two and three room suites, and will be arranged to correspond with the present building. The work will include interior finish, plastering, plumbing and electric work. Extensive alterations will also be made to the old portion. Exterior will be covered with rustic. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 2 story and base, frame, \$10,000. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, Mr. Segala. The building will be erected on Pfeiffer near Stockton street, and has been arranged to contain four modern suites of three rooms and bath each. Interior will be finished in pine and redwood. There will be a hot water supply, wall beds and private bath rooms. Some hardwood panels will be used. Entrance will be finished in tile and marble. Exterior of the building will be covered with rustic and ship-lap. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner's name withheld. The building will be erected on Pacific street near Taylor, and contain six suites of two and three rooms with private baths. All interior finish will be of pine or redwood. Some oak floors will be used. There will be a hot water supply. Bath rooms will have the wainscot and composition floors. Wall beds are specified. Entrance will be finished in tile and marble. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

ALAMEDA, ALAMEDA CO., CAL.—Apartment house alterations, frame construction, \$6,000. Architect, Leonard H. Ford, 2136 Center street, Berkeley. Owner's name withheld. The present two-story frame residence on San Antonio avenue will be altered and rearranged for modern apartments of two and three rooms. The work will include new plastering, partitions, plumbing, painting, electric work and mill work. Interior finish will be of pine throughout. There will be wall beds and private bath rooms. Exterior of the building will also undergo alterations. Plans are being prepared and figures will be called for shortly.

BERKELEY, ALAMEDA CO., CAL.—Apartment house, 5 story and base, brick and steel, \$85,000. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, George Clark and J. A. Elston, 948 Market street, S. F. The building has been mentioned in these columns before, and will be erected at the southeast corner of Durant and Telegraph avenue. The building will cover a considerable ground area, and will contain a total of 78 rooms, which will be arranged in two and three room suites with private baths. Interior will be finished in pine and elm panels. Some oak floors will be used. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply.

All suites will have wall beds. Bath rooms will be finished in tile and will have composition floors. Exterior of the building will be faced with pressed brick. Marble and tile will be used in the lobby and vestibule. Plans are complete and segregated figures are being taken on the various parts of the work.

LOS ANGELES, CAL.—Apartment house, 4 story and base. Class C construction. Cost not stated. Architects, Withey & Davis, Story Bldg., L. A. Owner, Leon Fighiera. The building will be erected on Beacon street near arranged to contain a total of 110 between 7th and 8th streets, and will be rooms, which will be divided into two and three room suites. All apartments will have wall beds and private baths. Interior will be finished in pine and hardwood with some oak floors. Plans provide for steam heat, elevator service and a hot water supply. Vacuum cleaning will also be installed. Bath rooms will have the wainscot and composition floors. Exterior of the building will be faced with artificial stone. Plans are complete and figures are being taken.

SEATTLE, WASH.—Apartment house, 4 story and base, brick and steel, \$40,000. Architect, V. W. Voorhees, Eltel Bldg., Seattle. Owner, H. McBride. The building will be erected at the corner of 3rd avenue and Battery street, and will cover an area of 60 by 180 feet. There will be a total of 42 suites of two rooms and bath each. Interior finish will be of pine and hardwood. Plans provide for steam heat, a hot water system, elevator service and vacuum cleaning. All suites will have wall beds. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architects, Collischonn & Meeth, 521 11th avenue, S. F. Owner, Mrs. R. Ellen. The building will be erected on 5th avenue near Clement street and has been designed in the modern Mission style. Interior will be arranged for a total of 15 suites of three and four rooms. Interiors will be finished in pine and elm panels. Some hardwood floors will be used. Plans provide for steam heat. Wall beds and a hot water supply. Portable vacuum cleaners will also be installed. Bath rooms will have the wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick, \$40,000. Architects, Blanchard, Green & Tifal, Van Nuys Bldg., L. A. Owner, F. F. Stevens. Contractors, Webb & O'Neill, Lankershim Bldg., L. A. Contract price, \$40,000.

BRIDGES AND DAMS.

ASTORIA, ORE.—Docks and warehouses, timber construction, \$500,000. Engineer, W. J. Walsh, Astoria. Owners, City of Astoria. Preliminary

plans are being prepared for a number of new docks which will be erected with the proceeds of the recent bond election held in Astoria. Each of the docks will have an average length of 1,200 feet. Two story frame warehouses will be constructed on the docks. Only preliminary plans are now being worked out and it will be some time before bids will be called. Further mention will be made of the work.

HONOLULU. H. T.—Pile driving machinery, etc. Cost not stated. Engineer, Board of Harbor Commissioners, Honolulu. Owners, City of Honolulu. Plans have been completed calling for furnishing the city with pile driving equipment and machinery. Bids are now being called for and will be opened on March 28th. Plans and specifications together with complete information may be obtained from the Honolulu Harbor Commissioners.

Contracts Awarded.

SAN FRANCISCO—Ferry slip, \$34,587. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Contractors, The Thompson Bridge Co., S. F. Contract price, \$34,587. Note: Bids were also opened by the State Board of Harbor Commissioners for furnishing a large amount of creosoted piles. No contract was awarded however. A complete list of all figures will be found under the heading of San Francisco in this issue.

CHURCHES.

HOLY CROSS CEMETERY, SAN MATEO CO., CAL.—Mausoleum, 1 story, reinforced concrete, \$6,000. Architect, J. A. Porporato, 619 Washington street, S. F. Owner's name withheld. The building is designed in the Classic style and will contain six receptacles. There will be a cement or tile floor, art glass and ornamental iron and bronze. Exterior will be faced with cement plaster. Plans have been out for figures and a contract will be awarded shortly.

LOS ANGELES, CAL.—Church addition, frame construction. Cost not stated. Architects, Alfred W. Rea and Charles E. Garstang, Black Bldg., L. A. Owners—Weslake Methodist Church. Two new additions will be made, each two stories in height, one covering an area of 14 by 72 feet and the other 14 by 50 feet. The new portion of the building will be used for class rooms, there being eighteen rooms in all, separated by rolling doors. Interior finish will be of pine with maple floors. There will be steam heat, blackboards and six toilets. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

FACTORIES & WAREHOUSES.

Contracts Awarded.

SALEM, ORE.—Canning plant, 1 story and base, reinforced concrete, \$50,000. Architect, F. A. Dickson, Salem. Owners, Hunt Bros., Salem. Contractor, A. J. Anderson, Salem. Contract price, \$50,000.

FIRE HOUSES AND JAILS.

BERKELEY, ALAMEDA CO., CAL.—Fire houses, 3, 2 story and base, frame. Cost not stated. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, City of Berkeley. These buildings will be erected on Le Roy avenue, Ellis street and Claremont avenue. Each building will contain space for two pieces of apparatus and quarters for the men. Interiors will be finished in pine throughout. There will be special plumbing and electric work. Exteriors will be covered with cement plaster on metal lath. Plans have received the approval of the City Council and bids are now being taken. Figures will be opened on March 27th.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,000. Architect, Theo. W. Lenzen, Humboldt Bank Bldg., S. F. Owner, E. Lange. The building will be erected on the west side of 9th avenue near Irving street, and will contain one store and two modern flats. Interiors will be finished in pine and redwood with some elm panels. Oak floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, Louis De Martini. The building will be erected on Union street west of Stockton, covering an area of 28 feet 9 inches by 61 feet. There will be four flats of five rooms each. Interior will be finished in pine and redwood with some hardwood floors. Each living room will have an open fire place and tile mantel. Bath rooms and kitchens will have tile wainscot. Entrance will be finished in tile and terrazzo. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and all work except mill and carpentry work will be done by Day Labor. The owner is now in the market for all materials.

SAN FRANCISCO—Flats, 4, 2 story and base, frame, \$4,000 each. Architect, none. Owners, Tyler-Schmidt Building Co., 1921 Oak street, S. F. These buildings will be erected on 17th avenue north of California and each will contain two modern flats of five and six rooms. Interiors will be finished in pine, redwood and some hardwood veneer. Oak floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exteriors will be covered with rustic and shiplap. Plans are in the hands of the owners and work will be done by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Flats, 2 story and base, frame, \$10,000. Architect, F. D. Voorhees, Central Bank Bldg., Oakland. Owner's name withheld. The building, designed for residential flats, will contain four flats of five and six rooms. Interiors will be handsomely

finished in pine, redwood and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SACRAMENTO, CAL.—Flats, 2 story and base, frame, \$7,500. Architect, A. Willomer, Oschner Bldg., Sacramento. Owner, E. E. Juergenson. The building has been designed to contain six modern flats of three and four rooms. Interior will be finished in pine and redwood with some hardwood panels. Oak floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Bath and kitchens will have tile wainscot. Automatic water heaters will be installed. Exterior of the building will be covered with rustic. Plans are being prepared.

GARAGES.

STOCKTON, SAN JOAQUIN CO., CAL.—Garage, 1 story, base and mezzanine floor, brick and steel, \$5,000. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owner, Mr. Eshbark, 203 West Fremont street, Stockton. The building will be erected on North Hunter street, and has been designed to contain a large show room, offices, repair shop and storage space. A concrete floor will be used. Entire structure will have a floor space of 23,000 square feet. Interior of the office and display room will be pine and hardwood. There will be an electric elevator, two 500-gallon steel tanks and metal window sash, frames and ceilings. Patent store fronts are also specified. Roof will be of asbestos. Exterior of the building will be faced with pressed brick. Plans are being prepared.

GOVERNMENT WORK AND SUPPLIES.

Canal Circular 829.

An advertisement appears elsewhere in this issue calling for bids to be opened by the general purchasing officer of the Isthmian Canal Commission, Washington, D. C., under circular 829 on March 2 for furnishing the following:

- Class 1. Outlet boxes, switch boxes, cut-outs, push buttons, etc.
- Class 2. 1/8" snap, knife and marine switches.
- Class 3. 25 marine fixtures.
- Class 4. 650 fuses.
- Class 5. 140 conduit.
- Class 6. 144 portable lamp guards.
- Class 7. Bushings, elbows, and lock-nuts.
- Class 8. 47,000 feet rubber covered and weatherproof wire.
- Class 9. 300 pounds magnet wire.
- Class 10. 1,000 soldering sticks.
- Class 11. 12 clamps.
- Class 12. 150 pairs pliers.
- Class 13. 300 prs side-cutting pliers.
- Class 14. 500 pounds galvanized soft steel wire.
- Class 15. Common wire nails and galvanized nails.
- Class 16. Marine bolts.

Class 17. 659 connection links.
Class 18. 500 lengths stovepipe.
Class 19. 165 brass globe valves, 2-in.
Class 20. 50 brass swing-check valves, 4-in.
Class 21. 36 wood tackle blocks.
Class 22. 750 pounds square packing.
Class 23. 2,096 asbestos gaskets.
Class 24. Medium rubber valves.
Class 25. Wheels for dump wagon.
Class 26. 50 steel tapes.
Class 27. 1,000 feet vitrified sewer pipe.

Electrical Equipment for Canal Fortifications.

The Isthmian Canal Commission will soon issue proposals for lighting fixtures and supplies, switch panels and feeder boxes, cable, hangers, and armored cable for wiring material for us on the fortifications now in course of erection at the Atlantic and Pacific ends of the Panama Canal.

Removing Rock, San Francisco Bay.
The Standard American Dredging Co., of San Francisco, Cal., presented the successful bid at \$61,500 for removing Centisima rock near entrance to San Francisco Bay, Cal.

Submarines for the Navy.

The Secretary of the Navy has decided upon the award of three submarines authorized by act of Congress approved March 4, 1913. Bids were opened for these submarines on December 2, 1913, but the decision as to award of contracts has been delayed, owing in part, to the financial state of one of the companies bidding.

The secretary has decided upon the following awards:

To the Electric Boat Company, two submarines of their type 37-H, to be built at the works of the Fore River Shipbuilding Corporation.

One boat of the Lake Torpedo Boat Company's type, to be built in a navy yard; complete detail working plans for this boat and license to construct are to be furnished by the Lake Torpedo Boat Company. The navy yard at which the vessel will be built has not yet been decided upon.

The contract for the other submarine has not yet been awarded.

American Firm Secures Italian Aqueduct.

Walter Wood, a representative of the firm of R. D. Wood & Co., of Philadelphia, which secured a contract on February 4 to furnish 45,000 tons of pipe to be used in the construction of the Apulia aqueduct, is in London trying to discount \$2,500,000 of treasury bonds, payable in three years, the proceeds from which are to be used in filling the contract. If Mr. Wood is successful in this transaction, and this is practically certain, he may secure another contract for 50,000 tons of cast iron pipe, as the terms offered by his firm are more advantageous than those of the Italian, French, British, and German firms, which combined to divide the contract. The Apulia aqueduct, which is expected to be completed in 1921, will be the largest in the world. The course of the Sele River has been diverted. A collecting basin has been built at its source, 1,370 feet above the level of the sea, whence the waters are to be conveyed by tunnel for seven and a half miles, penetrating a water-

shed and then the aqueduct, which is 155 miles long, to the Apulian provinces of Bari, Foggia, and Lecce. The aqueduct is to cost \$33,000,000.

Reclamation Work.

The Reclamation Service is asking for proposals for earthwork and tunnel, Pablo Canals, in connection with the Flathead irrigation project in Montana. The work is located about six miles southwest of Poison, Mont., and involves about 3,400 cubic yards of open-cut excavation and about 520 lin ft of tunnel. Bids will be opened at 2 o'clock p. m. March 20, 1914, at the office of the Reclamation Service, St. Ignatius, Mont.

Pocatello, Idaho, Post Office.

As previously reported, the contract for the construction, complete, of the U. S. post office at Pocatello, Idaho, was awarded to Palmberg & Mattson, Astoria, Ore., at \$93,555. In the construction of the building fixtures and material manufactured by the following named firms will be used: Plumbing fixtures L. Wolf Mfg. Co.; direct cast-iron radiators, American Radiator Co.; wall radiators, do; radiator valves, Jenkins Bros.; cabinet and tablet, Frank Adam Electric Co.; conduit, the Conduit Co. (I. & D.); rubber-covered wire, John A. Roebbling's Sons Co.; lighting fixtures, Frank Adam; pendant switches, Cutler-Hammer Mfg. Co.; insulating joints, Macallen Co.; keyless sockets, Perkins; chain-pull sockets, Bryant; porcelain sockets, Pass & Seymour; indirect radiators, American Radiator Co.; damper regulator, do; plug receptacles and snap switches, General Electric Co.; reflectors, globes, and glassware, Holaplane; air valves for end of steam mains and indirect radiators, Monash-Younger Co.

Cement, Reclamation Service.

The Secretary of the Interior has awarded contract to the Inland Portland Cement Co. of Spokane, Wash., for furnishing 10,000 barrels of cement at 95 cents per barrel f. o. b. cars Metairie Falls, W. S. This cement is for use on the Okanogan project, Washington, and the St. Mary storage unit of the Milk River project in Montana.

San Diego, Cal., Vault Shelving.

The contract for installing metal vault shelving in the U. S. post office, San Diego, Cal., has been awarded to the Berger Mfg. Co., Canton, Ohio, at \$1,122; time to complete 90 days.

Availability of Navy Funds.

Secretary Daniels has made an important recommendation to Congress to the effect that 10 per cent of the annual appropriations for the naval establishment, exclusive of public works and increase of the Navy, shall be available interchangeably for expenditure on the objects named in the appropriations. This is to be done only in cases of emergency arising subsequent to, and unforeseen at the time of, submitting the annual estimates to Congress. Under the annual various appropriations there are always sufficiently large amounts of unexpended balances to more than offset the amount of any deficiencies that may be incurred in other appropriations. With this provision on the statute books it

would be possible to transfer from one appropriation where the money is not required to the appropriation which is deficient a sufficient amount to offset the deficiency and obviate the necessity of going to Congress for additional money when the unexpended balance under the first appropriation would be carried to the surplus fund. The present practice swells the apparent total of appropriations for the naval establishment without actually increasing the amount of money drawn from the treasury. Such a provision would also enable the department to take care of serious casualties which might occur. For instance, if the hull of one or more of the vessels was seriously damaged, necessitating extensive repairs at a time when no funds were available under the appropriation for repairs to hulls, it would be possible to take the money from another appropriation where the need for work was less pressing and make immediate repairs to the hull of the damaged vessel.

MARE ISLAND, SOLANO CO., CAL.—

Magazine building, 1 story, reinforced concrete, \$12,500. Architects, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Bids opened in Washington on March 17th for this work show Monson Bros. of San Francisco low at \$11,950. A complete list of bids will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue. A contract for the work has not been awarded.

—HALLS & SOCIETY BLDGS—

SAN FRANCISCO—City Hall work. Cost not stated. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Bids were opened at the last Wednesday session of the Board of Public Works for the electric, vacuum cleaning system and pneumatic tubes for the new City Hall. The Newbery-Bendheim Electric Co. were low on the work at \$77,000 and will probably be awarded the contract. Bids were also opened at the same meeting for furnishing the City Hall water supply. The Scott Co. were low on the work at \$13,475. A complete list of these bids will be found under the heading of San Francisco in this issue.

SACRAMENTO, CAL.—State Capitol elevator work. Cost not stated. Architect, State Department of Engineering, Sacramento. Owners, State of California. Bids opened by the State Engineering Department for elevator work in the State Capitol building show the Van Emon Elevator Co. low at \$5,516 for installing two passenger elevators; Ralston Iron Works low at \$970 for ornamental iron grilles in connection with the same, and Randall Elevator Door Control Co. low at \$1,234 for installing pneumatic door operating devices. A complete list of all figures will be found under the heading of Sacramento, Stockton and Northern California in this issue.

BAKERSFIELD, KERN CO., CAL.—Lodge hall and stores, 3 story and base, brick and steel, \$20,000. Architect, O. L. Clark, Brower Bldg., Bakersfield. Owners, Knights of Pythias Hall Association. The building will be designed for stores on the first floor,

lodge halls and offices of the association on the second floor and a large banquet hall and ball room on the third floor. Interior finish will be of pine and redwood with maple floors in the banquet hall and ball room. There will be steam heat and a hot water supply. Plans provide for patent store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans are being prepared.

OREGON CITY, ORE.—City Hall, 2 story and base, brick, \$15,000. Architect, C. A. Houghtaling, Henry Bldg., Portland. Owners, Oregon City. Two designs were submitted by this architect. Both were of the Colonial style, brick construction, and with large white pillars running from the ground to the top of the building. In both plans the structure would be trimmed in red brick. The second floor will be used for meeting rooms, while the first floor will be given over to council chambers, reception rooms, fire station and various committee rooms. Plans provide for steam heat, fireproof vaults and pine interior finish. The architect is now completing working drawings and figures will be called for shortly.

Contracts Awarded.

OAKLAND, CAL.—Municipal auditorium, 2 story and base, Class A construction, \$1,000,000. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Contractors, Christensen Bros., 237 Wayne avenue, Oakland. Note: This contract covers only the preparation of the site, granite work and setting. Contract price, \$196,360.

HOSPITALS

RED BLUFF, TEHAMA CO., CAL.—Hospital, 2 story and base, reinforced concrete. Cost not stated. Architect's name not given. Owners, St. Elizabeth's Hospital, Rev. Father E. Brady, Red Bluff. The building will replace the building recently destroyed by fire and will cover an area of 40 by 90 feet. Interior has been arranged for 25 beds, 3 wards, private rooms, operating room and nurses' quarters. Interior finish will be of pine. There will be elevator service, heating and a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans are complete and an effort is being made to raise the balance of the money necessary to start construction. Information can be secured from Father F. Brady, who is in charge of the campaign.

SEATTLE, WASH.—Hospital, 4 story and base, reinforced concrete and steel, \$150,000. Architect, A. Warren Gould, American Bank Bldg., Seattle. Owner, John Starbird. The building will be erected in the Queen Anna Hill district, and is to cover an area of 120 by 156 feet with a large L. Construction will be fireproof throughout. Details of the building have not been given out and further mention will be made of the work.

HOTELS.

SAN FRANCISCO.—Hotel, 7 story and base, reinforced concrete, \$162,000. Architects, MacDonald & MacDonald, Holbrook Bldg., S. F. Owner, Mrs.

William F. Burbank. The building will be erected on property adjoining the present Union Square Hotel at the northwest corner of Post and Stockton streets, and is intended as an addition to that structure. One of the main features of the building will be a large palm court which will occupy nearly the entire first floor. Design and construction will be similar to that of the present building. Upper six floors will contain in the neighborhood of 150 guest rooms, all of which will have private baths. Interior finish will be of pine and hardwood. Plans provide for steam heat, elevator service, hot water supply and vacuum cleaning. Marble, tile and ornamental plaster will be used extensively. All bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken. All work will be segregated.

SAN FRANCISCO.—Hotel, 7 story and base, brick and steel, \$75,000. Architects, Smith & Stewart, 244 Kearny street, S. F. Owner, A. O. Stewart. The building will be erected on the north side of O'Farrell street east of Taylor and has been designed to contain two stores besides the hotel office and lobby on the first floor. The building will have a frontage of 27½ feet by a depth of 137½ feet. Upper floors will contain 66 rooms with private baths. There will be steam heat, vacuum cleaning system, elevator service and a hot water supply. All bath rooms will be finished in tile. Some marble and ornamental plaster will be used. Interior finish will be of pine and hardwood. Exterior of the building will be faced with pressed brick trimmed with ornamental terra cotta. Plans are complete and figures are being taken.

RIVERBANK, STANISLAUS CO., CAL.—Hotel, 2 story and base, brick, \$10,000. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owner, R. McDonald. The building will cover an area of 50 by 90 feet and has been designed for stores on the first floor and modern hotel rooms on the upper floor. Bath rooms will have tile floors and wainscot. Exterior of the building will be faced with pressed brick. Plans also provide for patent store fronts. Bids are now being taken on the work.

BAKERSFIELD, KERN CO., CAL.—Hotel, 2 story and base, brick, \$12,000. Architects, Henry Starbuck and L. K. Condragian, Fresno. Owner, C. Petri. The building will contain stores on the first floor and hotel rooms and baths on the upper floor. All interior finish will be of pine and redwood. There will be steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans for the work are now being prepared.

LOS ANGELES, CAL.—Hotel, 4 story and base, Class C construction. Cost not stated. Architect, Arthur S. Heinemann, San Fernando Bldg., L. A. Owner, Herbert J. Goudge. The building will be erected on West 6th street near Flower, covering an area of 42½ feet

by 130 feet. Plans provide for two stores besides the hotel office and lobby on the first floor. Upper floors will contain a total of 54 guest rooms and a number of public and private baths. Interior finish will be of pine and hardwood. There will be steam heat, elevator service and a hot water supply. Patent store fronts are specified. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SEATTLE, WASH.—Hotel, 3 story and base, brick and steel, \$60,000. Architect, A. Warren Gould, American Bank Bldg., Seattle. Owner, J. C. Peterson. The building will be erected on Pike street at the corner of 7th, covering an area of 110 feet by 120 feet. There will be a number of stores besides the hotel entrance and lobby on the first floor. Upper floors will contain in the neighborhood of 170 guest rooms and public and private baths. Interior finish will be of pine and hardwood. Plans provide for steam heat, a vacuum cleaning system and hot water supply. All bath rooms will have tile wainscot and composition floors. Patent store fronts and metal window sash and frames are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken.

LIBRARIES.

COALINGA, FRESNO CO., CAL.—Library, 2 story and base, reinforced concrete, \$20,000. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owners, Coalinga Union High School Library District. Bids opened for the general construction of this building show Olsen & St. Clair of Coalinga low at \$15,347. A complete list of the bids received will be found under the heading of Fresno, Modesto, Stanislaus and Central California in this issue.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO.—State exhibit building, frame and plaster construction. Cost not stated. Architect, Joseph Bell De Remer, Title Insurance Bldg., L. A. Owners, North Dakota Exposition Association. The building will be V shaped, with a central portion 39 feet square, two wings each 38 by 48 feet. Plaster exterior over metal lath, tile roof, pine floors and finish. The first floor will contain a lecture hall and balcony, offices, rest room and numerous exhibit chambers. The second story will contain exhibit rooms. Plans are now being prepared.

SAN FRANCISCO.—Concession building, frame construction, \$100,000. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owners, Irish Village Co. It is proposed to erect a large group of buildings devoted exclusively to the Irish traditions and scenes. One of the main features of the group will be an exact replica of the Castle Blarney. Details of the buildings have not progressed far enough to give a description. Further mention will be made of the work.

POST OFFICES.

GRASS VALLEY, NEVADA CO., CAL.
—Post office, 2 story and base, semi-fireproof construction, \$55,000. Architect, Supervising Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. The Supervising Architect has notified the postmaster at Grass Valley that working drawings for the new Federal building have been completed. Bids will be called for shortly. There is \$35,000 available for construction.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO—Railroad tracks, poles and conduit. Cost not stated. Engineer, City Engineer, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Plans and specifications of the work to be executed under Section A of Contract No. 16, Van Ness Municipal Railroad, have been completed and are now out for figures. This contract will include laying tracks, erecting poles and putting in conduit for the Van Ness Avenue line from Market street to Chestnut. Bids will be opened on March 18th. An official proposal appears in another column of this issue. Plans can be secured from the City Department of Engineering.

SAN FRANCISCO—Trolley poles, concrete construction. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans and specifications have been approved for the ornamental concrete trolley poles which are to be erected along Van Ness avenue and Chestnut street. Bids are now being taken for this work and will be opened by the Board of Public Works on March 11th.

SAN FRANCISCO—Underground and overhead conductors, Union Street Municipal Line. Cost not stated. Engineer, City Department of Engineering, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened at the last Wednesday meeting of the Board of Public Works for this work show the Pacific Fire Extinguisher Co., low on the overhead work at \$3,200, and the Pacific Gas and Electric Co. low on the underground work at \$3,753.73. A complete list of the bids will be found under the heading of San Francisco in this issue.

SACRAMENTO, CAL.—Freight shed, 1 story, frame, \$2,500. Architect, none. Owners, Oakland, Antioch and Eastern Railroad Co., 105 Montgomery street, S. F. Plans have been completed for a small freight shed which is to be erected on M street between 2nd and 3rd streets. No interior finish will be used. Exterior of the building including the roof will be covered with corrugated iron. Plans are complete and the work is now underway by Day Labor.

SAN DIEGO, CAL.—Passenger station, 2 story and base, reinforced concrete, \$125,000. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Santa Fe Railroad Co. The building will cover a considerable ground area and has been designed in the Mission style. Construction will be of reinforced concrete with cement and tile floor, hollow tile interior par-

titions and metal window sash and frames. Plans include steam heat, a hot water supply and vacuum cleaning. Interior finish will be of pine and hardwood. Exterior of the building will be faced with cement plaster. A clay tile roof will be used. Plans are nearly complete and figures will shortly be called.

RESIDENCES.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$1,500 to \$8,000 respectively. Architect, Edward G. Bolles, 660 Market street, S. F. Owners, S. A. Born Building Co., 660 Market street, S. F. These houses will be erected in the Sea Cliff Tract, and have been designed to contain from seven to ten rooms with one and two baths and sleeping porches. Interiors will be finished in pine, redwood and blue gum. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. The sum of \$65 is allotted for finish hardware and \$150 for lighting fixtures. Bath rooms will have tile wainscot and composition floors. Exterior will be covered with cement plaster on metal lath. Plans are in the hands of the owners and work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,300. Architect, none. Owner, J. M. Olson, 125 Jersey street, S. F. The dwelling will contain six rooms and bath, and will be erected on the south side of Jersey street west of Church. Interior finish will be of pine throughout. Some hardwood floors will be used. There will be a large open fire place in the living room with a brick or tile mantel. The wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic, ship-lap and a brick veneer base. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, T. Ronneberg, 2939 Pine avenue Berkeley. The dwelling will be erected on the Tunnel road and has been designed for a ten-room house with three baths and sleeping porches. Interior finish will be of pine, redwood and hardwood. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath rooms will be finished in tile with composition floors. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who is now taking figures on the work.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner, M. C. Vaughn. The dwelling will be erected in the Fourth Avenue Terrace and has been designed to contain seven rooms and bath. Pine, redwood and some hardwood veneer will be used for interior finish. Oak floors are specified for the living room, dining room and reception hall. Plans provide for furnace heat, open fire

places and automatic water heater. Mantels will be of tile or brick. Bath rooms will be finished in tile with composition floors. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared and when complete the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Dr. Shannon. The dwelling will be erected in East Piedmont and will contain eight rooms, baths and sleeping porches. Interior will be finished in pine and redwood and some hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and out for figures.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,000. Architect, Claude B. Burton, Security Bank Bldg., Oakland. Owners, Newman and Wilkinson. The dwelling will be erected at the corner of Bryant and College avenue and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residences, 2, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, E. L. Peters. These two houses will each contain seven rooms, bath and sleeping porch. Interiors will be finished in pine, redwood and hardwood veneer. Oak floors will be used in the living rooms, dining rooms and reception halls. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have tile wainscot and composition floors. Tile wainscot will also be used in the kitchens. Automatic water heaters will be installed. Exterior will be covered with cement plaster on metal lath. Plans are now being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,000. Architects, Realty Syndicate, Realty Syndicate Bldg., Oakland. Owner, Mr. Morehouse. The dwelling will be erected in the Arbor Villa Tract, and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the living room and dining room. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

OAKLAND, CAL.—Bungalow, 1½ story and base, frame, \$2,500. Architect, none. Owner, W. A. Farris, 16 Monte Vista avenue, Oakland. The dwelling will contain six rooms, bath and sleeping porch and will be erected on Broadway near College avenue. All interior trim will be of pine or redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and a large open fire place. Mantel will be of brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,600. Architect, none. Owner, J. A. Brett, 737 59th street, Oakland. The dwelling will be erected on the west side of Santa Clara avenue south of Crescent street and will contain seven rooms and bath. Interior finish will be largely of pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and composition floor. Tile wainscot will also be used in the kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$1,000. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, E. F. Joyce, 544 Irving street, S. F. The dwelling will be erected on the east side of Carlton street south of Prospect, and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room and kitchen. Composition floors are specified. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, J. D. Foster, 1715 Telegraph avenue, Oakland. The dwelling will contain eight rooms and bath, and will be erected on Terrace street south of Mather. Interior finish will be of pine throughout. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Frank S. Forster, 1117 Arch street, Berkeley. Owner, Harry A. En-

cell. The dwelling will be erected in the Fourth Avenue Terrace and has been designed to contain seven rooms, bath and sleeping porch. Pine and redwood interior finish will be used. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Tile wainscot and composition floors will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

OAKLAND, CAL.—Bungalows, 20, 1 story and base, frame, \$1,500 to \$2,100. Architect, none. Owners, Oakland Homes Corporation, First National Bank Bldg., Oakland. These houses will be erected in Redwood Court at 35th avenue on a large tract recently purchased. The smaller houses will contain five rooms and the larger ones six and seven rooms. Interior finish will be of pine and redwood. Some oak floors will be used. There will be open fire places and brick and tile mantels. Bath rooms will be finished in tile and will have composition floors. Exteriors will be covered with rustic, cement plaster on metal lath and shingles. Plans are in the hands of the owners and work will be started at once. Materials are now being purchased.

PORTOLA, SAN MATEO CO., CAL.—Residence, 1½ story and base, frame. Cost not stated. Architect, S. D. Willard, care of Bliss & Faville, Balboa Bldg., S. F. Owner, E. D. Conolley. The dwelling has been designed for a handsome country home and will be erected on a large tract near Redwood City. Interior will be finished in pine, redwood and white enamel. Hardwood floors will be used in the living room, dining room, reception hall and library. Plans provide for a total of ten rooms, sleeping porches and four baths. There will be furnace heat and open fire places. Mantels will be of tile and brick. Automatic water heaters are specified. Bath rooms will be finished in tile and will be equipped with shower baths. Exterior of the house will be covered with cement plaster on metal lath. Plans are out for figures.

SACRAMENTO, CAL.—Bungalow, 1 story and base, frame, \$1,500. Architect, none. Owner, J. J. Jennings, 719 J street, Sacramento. The dwelling will be erected in the East End Addition and will contain six rooms and bath. Interior finish will be of pine throughout. Some hardwood floors will be used. There will be a large open fire place in the living room with a tile or brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SACRAMENTO, CAL.—Bungalow, 1½ story and base, frame, \$1,000. Architect, A. Willoner, Ochser Bldg., Sacramento. Owner, A. W. Clifton. The dwelling will be erected in Oak Park, and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine with some hardwood veneer and oak floors. Plans provide for furnace heat

and open fire places. Mantels will be of tile and brick. Bath room will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and shingles. Plans are complete and figures are being taken by the architect.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, Edward Lawlor. The dwelling will be erected in Piedmont by the Lake Tract, and has been designed for an eight-room house with bath and sleeping porch. Interior finish will be of pine and redwood with some hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Composition floor will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

HILLSBOROUGH, SAN MATEO CO., CAL.—Residence, 2 story, attic and base, reinforced concrete, \$200,000. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, William Bourn, President Spring Valley Water Co. The dwelling will be erected near Crystal Spring Lake and will be designed in the Italian Villa style. There will be in the neighborhood of twenty rooms, a number of bath rooms and sleeping porches. Interior finish will be of pine and hardwood. There will be steam heat, vacuum cleaning system, hot water supply and other modern conveniences. Bath rooms will be finished in tile. Exterior of the house will be faced with cement plaster. Plans are nearly complete and figures will be called for at once.

SACRAMENTO, CAL.—Bungalow, 1 story and base, frame, \$1,500. Architect, none. Owners, Growel and Smoll, 2945 Lower Stockton avenue, Sacramento. The dwelling, designed for a five-room house, will be erected in Palmetto Heights. Interior finish will be of pine and redwood with some oak floors. There will be a large open fire place in the living room with a tile or brick mantel. Tile wainscot will be used in the bath room. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and shingles. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are being purchased.

VENICE, LOS ANGELES CO., CAL.—Residence, 2 story and base, hollow tile construction, \$25,000. Architects, C. H. Russell Co., Union League Bldg., L. A. Owner, Abbott Kinney. The dwelling will be erected on Ocean Front and Breeze streets, and has been designed in the Italian Villa style. There will be a total of twelve rooms, three baths and sleeping porches. Interior finish will be of pine, hardwood and white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Automatic water heaters and shower baths are also specified. Bath rooms will have tile wainscot and

composition floors. Exterior of the house will be covered with cement plaster. Plans are now being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$10,000. Architect, Edward E. Young, 251 Kearny street, S. P. Owner, P. H. McCarthy. The dwelling will be erected in Ingleside Terrace, and has been designed for a twelve-room house with three baths and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,600. Architect, Alvin J. Stern, 1522 Broadway, Oakland. Owner, A. P. Anderson. The dwelling will be erected at the corner of Clifton and Manila streets and has been designed for a six-room house with bath. All interior finish will be of pine or redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room. Mantel will be of brick. Tile wainscot and composition floor will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

Contracts Awarded.

SAN BRUNO, SAN MATEO CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Father W. J. Cantwell. Contractor, N. A. Carlson, 926 Potrero avenue, S. F., general construction only. Contract price, \$6,190.

SCHOOLS.

LONE STAR, FRESNO CO., CAL.—School, 1 story and base, concrete and brick veneer, \$7,000. Architect, J. Carl Thayer, Forsythe Bldg., Fresno. Owners, Lone Star School District. The building has been designed to contain four class rooms and teachers' room. Interior will be finished in pine with some maple floors. Modern plumbing and electric work will be used. Exterior of the building will be faced with pressed brick veneer. Plans are now being prepared.

SACRAMENTO, CAL.—School, 2 story and base, reinforced concrete. Cost not stated. Architects, Shea & Loftquist, Bankers' Investment Bldg., S. F. Owners, City of Sacramento. Bids opened for the East Side School show the Sound Construction and Engineering Co., S. F., low on all three propositions. A contract will probably be awarded them. A complete list of the figures received will be found under the heading of Sacramento, Stockton and Northern California in this issue.

VAN NUYS, LOS ANGELES CO., CAL. School group, 1 and 2 story and base, brick, \$120,000. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Van Nuys High School District.

The architects have just been commissioned to prepare plans for this work and details of construction have not been determined. The group plan will probably be followed and all construction will be of brick. The sum of \$120,000 is available for construction. Further mention will be made of the work.

REDONDO BEACH, LOS ANGELES CO., CAL.—School, 2 story and base, brick and steel, \$150,000. Architect, L. B. Pemberton, auditorium Bldg., L. A. Owners, Redondo Beach High School District. The building will be semi-circular in shape and will contain in the neighborhood of 40 class rooms, study hall and open air rooms. Entire length of the building is 288 feet. Fireproof interior partitions, stairways and corridors will be used. Plans provide for steam heat, program clocks, vacuum cleaning and other modern school improvements. Exterior of the building will be faced with cement plaster. Plans are nearly complete. A bond election will be called on March 24th to vote the required sum.

SILVERTON, ORE.—School, 2 story and base, brick, \$20,000. Architect, Charles H. Burgraff, Albany, Ore. Owners, Silverton School District. The building will cover a ground area of 60 by 120 feet, and will contain eight class rooms and an assembly hall. Interior will be finished in pine with maple floors in the class rooms. There will be steam heat. Exterior of the building will be faced with pressed brick. Plans are to be completed at once and bids will be called for before the end of March.

SEATTLE, WASH.—School, 3 story and base, reinforced concrete, \$10,000. Architect, H. H. Ginnold, Mehlhorn Bldg., Seattle. Owners, School District No. 28. Only two stories of the structure will be built at this time, which will cost approximately \$20,000. Basement will contain boys' and girls' playrooms, Plenum heating plant and lavatories. Specifications call for tar and gravel roof. Plans will be ready for general contract figures about March 15th. H. D. Stewart is clerk of the district.

Contracts Awarded.

INGLEWOOD, LOS ANGELES CO., CAL.—School buildings, 1 and 2 story and base, brick, \$99,720. Architect, Norman P. Marsh, Broadway Central Bldg., L. A. Owners, Inglewood Polytechnic High School District. Contractors, Nance & Phelps, 9th and Central avenue, L. A., general construction, \$99,720; J. Hokom, 4312 Moneta avenue, L. A., plumbing, \$14,257; Machinery and Electric Co., 351 North Main street, L. A., heating and ventilating, \$13,169; Leon Mazy, 947 Lucile avenue, L. A., painting, \$5,104; Robertson & Packard, Santa Ana, electric wiring, \$2,300 and The Standard Electric Time Co., program clocks, \$930.

SEWERS, STREET WORK AND WATER SYSTEMS.

SACRAMENTO, CAL.—Pumping station, 1 story and base, reinforced concrete. Cost not stated. Engineer, George N. Randle, 329 J street, Sacramento. Owners, Reclamation District No. 1500. Plans are now out for figures for a reinforced concrete pumping station which is to be erected near

Sacramento Slough in Sutter County. Work will require approximately 3,000 cubic feet of concrete, 195 tons of reinforcing bars, 287 concrete piles 35 to 40 feet and 86 timber piles 35 to 35 feet. Bids will be opened on March 24th. Plans and specifications can be secured from the engineer at Sacramento.

CALIFORNIA—Highway work. Cost not stated. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids will be opened on March 30th for the construction of state highways in the following counties: El Dorado, Santa Clara, Humboldt, Merced, Tuolumne, Mendocino and two pieces in San Diego. Plans and specifications can be secured from the State Highway Commission in Sacramento. An official proposal, giving the exact locations and nature of work together with the number of miles to be built in each county will be found under another heading in this issue.

OREGON CITY, ORE.—Water system, \$325,000. Engineer not given. Owners, Oregon City. For the purpose of authorizing bonds in the amount of \$325,000 for the acquisition of a new municipal water supply from the south fork of the Clackamas River and the construction of a pipe line to the reservoir at this point, a special election will probably be held within the next six weeks. The amendments empower Wm. Anderson, W. A. Long and M. D. Latourette to serve as a committee to issue and sell the bonds and to direct the expenditure of the funds. It is provided that each member file a \$10,000 bond, and the money derived from the sale of the bonds shall be deposited with the City Treasurer, who shall file an additional bond of \$10,000.

Contracts Awarded.

MIDWAY DISTRICT, FRESNO CO., CAL.—Oil tanks, 10 steel. Cost not stated. Engineer's name not given. Owners, Shell-Royal Dutch Co., Oilinga. Contractors, Llewellyn Iron Works, L. A. Contract price not stated.

STORES & OFFICE BUILDINGS

OAKLAND, CAL.—Stores and offices, 2 story and base, brick and steel. Cost not stated. Architect, William Wilde, Albany Block, Oakland. Owner, Cianciarulo. This building, which will be erected on Broadway north of 17th street, has been mentioned here before. Steel frame and foundations are designed to carry additional stories. There will be several stores on the first floor and a number of modern offices on the second floor. Interior finish will be of pine and hardwood. There will be steam heat, metal window sash and frames and patent store fronts. Exterior of the building will be faced with pressed brick. Revised plans are again out for figures.

LOS ANGELES, CAL.—Stores and offices, 12 story and base. Class A construction, \$450,000. Architects, Morgan; Walls & Morgan, Van Nuys Bldg., L. A. Owners, Haas Building Co. The building will be erected at the northeast corner of 7th and Broadway, covering an area of 53 by 148 feet. There will be six stores in the basement and the same number on the ground floor. Upper floors will contain 299 modern offices. Construction will be class A throughout with a complete steel

frame, reinforced concrete walls, floors and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. Metal window sash and frames and patent store fronts will be used. Interior will be finished in pine, hardwood and metal trim. Plans provide for steam heat, elevator service, a vacuum cleaning plant, hot water system and mail chutes. Exterior of the building will be faced with granite, pressed brick and terra cotta. Plans are complete and figures are now being taken.

LOS ANGELES, CAL.—Stores and lofts, 7 story and base, Class A construction. Cost not stated. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Engineers, Mayberry & Parker, Pacific Electric Bldg., L. A. Owners, John Kahn, J. H. Marks and Adolph Fleishman. The building will be erected on the east side of Broadway south of 9th street, covering an area of 40 by 85 feet. First floor will contain stores and upper floors will be arranged for light lofts. Interior finish will be of pine. Plans provide for steam heat, two elevators and automatic sprinkler system, metal window sash and frames and sidewalk doors and lifts. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

BAKER CITY, ORE.—Stores and offices, 2 or 3 story and base, brick, \$20,000. Architect, M. P. White, Baker City. Owner, Louis Sommers, Portland. The building will cover an area of 28 by 100 feet. Alternate bids will be received for a two-story and three-story building. There will be eight offices on each of the upper floors. Interior finish will be of pine throughout. Plans provide for a vapor system of heating. There will be patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

PORTLAND, ORE.—Stores and offices, 12 story and base. Class A construction, \$1,250,000. Architects, Doyle & Patterson, Worcester Bldg., Portland. Owners, Meier & Frank. The building will be erected on 5th street between Alder and Morrison streets. Preparations will be started as soon as Architect Doyle returns from the east where he is visiting all large meat and candle establishments for the latest ideas. Excavation is expected to be started about July 1st, the structure to be ready for occupancy about May, 1915. Two additional stories will also be made to this firm's 10-story annex.

SAN FRANCISCO—Stores, 1 story and base, brick and steel. Cost not stated. Architects, Reid Bros., 105 Montgomery street, S. F. Owners, Peninsula Realty Co. The building will be erected at the northeast corner of Fillmore and Post streets, covering a considerable ground area. Foundations and exterior walls will be designed heavy enough to carry additional stories in the future. There will be several stories. Patent store fronts and plate glass windows are specified. Exterior of the building will be faced with pressed brick. Plans are practically complete.

Contracts Awarded.

SEASIDE, ORE.—Stores and offices, 2 story and base, reinforced concrete, \$37,000. Architect, F. Maunson White,

Seaside. Owners, Alex Gilbert & Sons. Contractor, E. G. Gudhart, 1081 East 21st street, Portland. Contract price, \$37,000.

SEATTLE, WASH.—Stores and offices, 3 story and base, frame and concrete, \$75,000. Architect, none. Owners, State Bank of Seattle. Contractor, David Dow, 21st and Spruce streets, Seattle. Contract price, \$75,000.

LOS ANGELES, CAL.—Stores and lofts, 5 story and base, brick and steel. Cost not stated. Architects, Edelman & Barnett, Black Bldg., L. A. Owners, Stetson, Barrett & Co. Contractor, J. E. Chatem, 2410 Raymond avenue, L. A. Contract price, not stated.

LOS ANGELES, CAL.—Store, 2 story and base, brick and steel. Cost not stated. Architect, Joseph F. Rhodes, 415 Central Bldg., L. A. Owner, Harry Gray. Contractor, Joseph F. Rhodes, Central Bldg., L. A. Contract price not stated.

OAKLAND, CAL.—Telephone exchange, 3 story and base, reinforced concrete, \$40,000. Architect, Cobby, 333 Grant avenue, S. F. Owners, Pacific States Telephone and Telegraph Co. Contractor, W. G. Thornally, 3027 East 16th street, Oakland. Contract price, \$40,000.

THEATRES.

BERKELEY, ALAMEDA CO., CAL.—Theatre, 2 story and base, brick and steel, \$10,000. Architect, Hiram King Lowell, South Berkeley Bank Bldg., Berkeley. Owners, Lorin Photo Play Co. The building will be erected on Adeline street north of Felton, and has been designed for a fireproof show house. Interior will be arranged for a main auditorium seating in the neighborhood of 1,200 people. Pine and ornamental plaster will be used for interior finish. There will be a modern system of heating and ventilating. Exterior of the building will be faced with pressed brick. Considerable marble, tile and plate glass will be used. Plans are now being prepared.

SEALED PROPOSALS.

PROPOSALS FOR PILE DRIVING MACHINERY.

SEALED tenders will be received by Board of Harbor Commissioners on until 9:30 of Saturday, March 28, 1914, for the supplying of pile driving machinery and equipment to the Board of Harbor Commissioners, Honolulu, H. T.

The Board of Harbor Commissioners reserves the right to reject any or all tenders.

Plans, specifications and blank forms of proposal are on file in the office of the Superintendent of Public Works, Capitol Building, Honolulu.

BOARD OF HARBOR COMMISSIONERS.

By its chairman,
J. W. CALDWELL (S).

PROPOSALS FOR PUMPING STATION.

SEALED proposals will be received by the trustees of Reclamation District No. 1500, 329 J street, Sacramento, Cal., until 10 a. m. March 24, 1914, for the construction of a reinforced concrete pumping station on a concrete pile foundation, discharge pipes, suction forebay and timber pile bulkhead. Location of work will be on the Sutter County slough, approximately one and one-half miles from its confluence with the Sacramento River in Sutter County, California.

The work to be done involves the

placing of approximately 3,000 cubic yards of concrete, containing approximately 195 tons of reinforcing steel, driving 287 concrete piles, 35 to 40 feet long, and 86 timber piles 25 to 35 feet long.

Plans and specifications may be consulted and blank forms of proposals may be obtained at the office of the Chief Engineer of the district, George N. Bardsley, 329 J street, Sacramento, California.

Proposals must be accompanied by a certified check for 10 per cent of total amount of bid, and contractor who award is made will be required to furnish bond in sum of 50 per cent of contract price for faithful performance and 50 per cent for labor and material in accordance with the terms of the specifications.

The trustees reserve the right to reject any or all bids.

TRUSTEES OF RECLAMATION DISTRICT NO. 1500.

Per H. A. SENT, Secretary.

PROPOSALS FOR TRACK CONSTRUCTION.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 18th day of March, 1914, for doing the following work, to wit:

The installation of Track, Poles and Conduit under Section "A" of Contract No. 16 for the construction of the Van Ness Avenue and Chestnut street lines of the Municipal Railways.

Progressive payments will be made. Said work must be done in accordance with the plans and specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days and completed within one hundred and fifty (150) calendar days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance has been fixed at \$120,000.00. All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works,
F. J. CHURCHILL,
Secretary.

PROPOSALS FOR EXCAVATION.

EXCAVATION—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the reclamation service, St. Ignatius, Mont., until 2 o'clock p. m. March 20, 1914, for earthwork and tunnel, Pailo canal, lateral 31 A, involving about 3,400 cubic yards of open-cut excavation and about 1,000 cubic yards of tunnel work is located about six miles southwest of Polson, Mont. For particulars address the U. S. reclamation service, Washington, D. C.; Great Falls, Mont. or St. Ignatius, Mont. F. H. NEWELL, director.

PROPOSALS FOR CANAL WORK.

CANAL WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. reclamation service, Great Falls, Mont. until 2 o'clock p. m. April 15, 1914, for the construction of a portion of the Snake River project, Montana, involving about 560,000 cubic yards of excavation, 7,500 cubic yards of concrete, 13,000 cubic yards of rip-rap, 700 cubic yards of rip-rap, and 8,500 cubic yards of puddling; the placing of about 185,000 pounds of steel reinforcement, 28,000 and 28,000 feet board measure, of lumber in wooden struc-

tures and the erection of about 100,000 pounds of miscellaneous metalwork. The work is situated in the Blackfoot Indian Reservation.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 831—The General Purchasing Officer of the Isthmian Canal Commission, Washington, D. C., will receive bids until **March 14, 1914**, at the Canal Circular 831 for furnishing creosote oil, lined oil, yellow ochre, lime, jacket enamel, chrome green, locomotive black, ships' felt, inside caulking torches, spiral, asbestos, and flux packing, oars, corset lacing, belt lacing, air, steam, suction, water and fire hose, handles, gaskets, canvas, rope, ratchet drills, hammers, cutters, drills, files, wrenches, trowels, chamois, wheels for pipe cutter, chisels, parts for Stillson wrenches, caulking torches, stocks and dies, rules, hatchets, pipe cutters, braces, blocks, bits, axes, ice tombs, towels, forks, teaspoons, coffee cups, fruit dishes, oilcloth, food choppers, sprinkling cans, oil cans, wire, washers, switch ties, copper tanks, machinists' hand taps, sponges, salt water soap, laundry soap, turpentine, rock salt, oakum, lights of glass, track bolts, lubricating oil and greases.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 832—Proposals for Operating Devices for Single Pivoted Sash, Track Bolts, Wire Cable, Chain, Cable Clips, Poultry Netting, Cold Hinges, Locks, Red Casters, Cold Baskets, Grommets, Belt Rivets and Burrs, Sheet Brass, Hasps, Cocks, Hand Oilers, Grease Cups, Oil Cans, Galvanized Buckets, Marine Cloths, Stable Brooms, Scrub Brushes, Roof Brushes, Varnish Brushes, White-wash Brushes, Hoes, Lanterns, Lantern Globes, Emery Cloth, Sash Cord, and Chalk Line.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until **10:30 a. m. March 20, 1914**, at which time they will be opened in public for the consideration of the articles mentioned in this circular. Blank and general information relating to this circular (No. 832) may be of the assistant purchasing agent, he obtained from this office or the 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash., Los Angeles, Cal. F. S. GORDON, major, corps engineers, U. S. A., general purchasing officer.

PROPOSALS.

PUBLIC NOTICE is hereby given that the Board of Trustees of the City of Fresno hereby invites sealed proposals accompanied by specifications for seven (7) double and twenty (20) single fire hydrants.

Said Board of Trustees will be in session for the purpose of receiving sealed proposals therefor on the **16th day of March, 1914, during the hour beginning at 9 o'clock p. m.** and ending at 9 o'clock p. m. of said day, during which hour all proposals must be delivered to the Board.

Proposals must be made on blanks, which may be obtained from the Clerk and must be accompanied by a check for some responsible bank, payable to the order of the Mayor and Clerk of said City for the sum of \$100.00, which shall be forfeited if the successful bidder should not accept and the bidder fail to enter into a contract with the City and execute the bond or deposit the certified check hereinafter mentioned within five days after such proposal shall have been accepted.

The successful bidder shall, within five days after the contract has been awarded, enter into a bond with the City in the sum of \$250.00 or in thereof may deposit with the Clerk a check upon some solvent bank for a like amount, conditioned for the faithful performance of the contract.

The Board reserves the right to reject any and all bids.

By order of the Board.
W. H. RYAN,
City Clerk.

NOTICE TO BRIDGE CONTRACTORS.

PURSUANT to an order of the Board of Supervisors of the County of Fresno, State of California, duly made and entered on its minutes, notice is hereby given that sealed proposals will be received by said Board up to and not later than the hour of **2 o'clock p. m. of the 12th day of March, 1914**, for the construction of a **116** bridge at the Northwest corner of the Northeast quarter (N. E. $\frac{1}{4}$) of the Northwest quarter (N. W. $\frac{1}{4}$) of Section two (2), Township fourteen (14) North, Range twenty-three (23) E., M. D. B. & M., Fresno County, California, consisting of six (6) spans together with wings and approach at both ends of structure, in accordance with the plans and specifications heretofore adopted therefor and now on file in the office of the Clerk of said Board, where same may be seen and examined by intending bidders during office hours.

All bids must be accompanied by a cash check in the sum of ten (10) per cent of the amount bid, made payable to the Chairman of the Board of Supervisors, as a guaranty that the successful bidder will, within ten days after the acceptance of his bid, enter into a contract and give bonds as required by law and the order of the Board of Supervisors conditioned upon the faithful performance of said contract.

The Board reserves the right to reject any and all bids.

(Seal) D. M. BARNWELL,
County Clerk and ex-Officio Clerk of the Board of Supervisors of Fresno County, California.

By A. D. EWING, Deputy.

STATE OF CALIFORNIA
DEPARTMENT OF ENGINEERING.
CALIFORNIA HIGHWAY COMMISSION
NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Bldg., Sacramento, Cal., until the time hereinafter noted, at which times they will be publicly opened and read for construction in accordance with the specifications therefor, to which special provisions, portions of State highway as follows:

(Until 11 o'clock A. M., March 30, 1914)
Humboldt County from Sec. 1, T. 5 S., R. 4 W., M. 1 to the Soberly River boundary (I-Hum-1-A), about 4.5 miles in length, to be graded.

El Dorado County from El Dorado to the Merced County boundary (I-El-D-1-C), about 6.5 miles in length, to be built of water-bound macadam.

Santa Clara County from San Jose to the Merced County boundary (I-S-Cl-2-B), about 1.8 miles in length, to be surfaced with asphaltic concrete.

Merced County from Merced to the Southernly Boundary (VI-Mer-4-A), about 14 miles in length, to be built of Portland cement concrete.

(Until 2 o'clock P. M., March 30, 1914.)
Tuolumne County from the Western Boundary to Keystone (III-Tuo-13-A), about 10.8 miles in length, to be graded.

Mendocino County from Forsythe Creek to Ridgewood (I-Men-1-D), about 6.5 miles in length, to be graded.

San Diego County from Las Flores to the Western Boundary (VII-S. D-2-D), about 11.5 miles in length, to be built of Portland cement concrete.

San Diego County from the San Diego to La Mesa (VII-S. D-12-A), about 2 miles in length, to be built of Portland cement concrete.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained, at the said office and they may be seen at the offices of the Division Engineers of the divisions in which the work is situated. The Division Engineers' offices are located at Wallis, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made out on a blank form furnished by the Commission. The special attention of prospective bidders is called to the notice to Contractors annexed to the plans and specifications, and to the blanks as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all

bids or to accept the bid deemed for the best interest of the State.

CHARLES B. BLANEY,
NEWELL D. DALINGTON,
CHARLES F. STERN,
California Highway Commission.
AUSTIN B. FLETCHER,
Highway Engineer.
WILSON R. ELLIS,
Secretary. (*)

Dated: February 26, 1914.

NOTICE TO CONTRACTORS.

Office Constructing Quartermaster, Fort Mason, Cal., February 25, 1914.—SEALED proposals will be received for constructing a ward at Letterman General Hospital, San Francisco, Cal., and installing plumbing, heating and electric wiring in same, will be received here until **11 a. m. March 25, 1914**, and then opened. Plans, specifications, etc., can be obtained here. Deposit of \$100.00 required. Plans, specifications, etc., can be obtained here. Deposit of \$100.00 required. Proposals to be addressed to LIEUT. COL. GEO. MCK. WILLIAMSON, Q. M. C. (*)

PROPOSALS FOR EARTH WORK AND TUNNEL.

EARTHWORK AND TUNNEL—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. Reclamation Service, St. Ignatus, Mont., until **2 o'clock p. m. March 20, 1914**, for earthwork and tunnel, for the construction of a 31A, involving about 3,400 cubic yards of open-cut excavation and about 320 linear feet of tunnel. The work is located about six miles southwest of Polson, Mont. For particulars address the U. S. Reclamation Service, Washington, D. C.; Great Falls, Mont., or St. Ignatus, Mont. F. H. NEWELL, director.

PROPOSALS FOR SALE OF VESSELS.

SALE OF U. S. NAVAL VESSELS—Sealed proposals will be received at the bureau of supplies and accounts, Navy Department, Washington, D. C., until **12 o'clock, noon, May 14, 1914**, when they will be publicly opened for the purchase of the following vessels: U. S. S. Manila, at navy yard, Mare Island, Cal., appraised value \$10,000; U. S. S. Restless, naval reserve station, Newport, R. I., appraised value \$2,000. The Manila will be sold for cash to the highest bidder and the Restless to the bidder offering the highest price above the appraised value. Forms of proposal and bond and information concerning the vessels and the terms and conditions of sale may be obtained upon application to the bureau of supplies and accounts. JOSEPHUS DANIELS, Secretary of the Navy.

PROPOSALS FOR STRUCTURAL STEEL.

STEEL WORK FOR COAL PLANT—Sealed proposals, endorsed "Proposals for Erecting Steelwork" will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until **11 o'clock a. m. March 28, 1914**, and then and there publicly opened for erecting structural steelwork for coal plant at Pearl Harbor, Hawaii. Estimated cost, \$60,000. Plans and specifications can be obtained on application to the bureau or to the commanding officer of the naval station named. H. R. STANFORD, chief of bureau.

PROPOSALS FOR STEEL TOWERS.

STEEL TOWERS—Sealed proposals, endorsed "Proposals for four 300-Foot Towers" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. March 20, 1914**, and then and there publicly opened for the construction

of four steel towers on the Canal Zone. Separate proposals will be received for stowwork and for foundation. Plans and specifications can be obtained on application to the bureau. H. R. STANFORD, chief of bureau.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals, plainly marked on the outside of the sealed envelope "Proposals for Additions to Two Stone Dormitories at Western Navajo Indian School, Ariz.," and addressed to the "Commissioner of Indian Affairs, Washington, D. C.," will be received at the Indian office until 2 o'clock p. m. of **March 23, 1914**, for furnishing materials and labor for the construction of additions to two stone dormitories at the Western Navajo Indian School, Ariz., in strict accordance with the plans and specifications, and instructions to bidders, which may be examined at the office of the paper or periodical in which this advertisement appears, the U. S. Indian Bureau at Chicago, Ill.; St. Louis, Mo.; Omaha, Neb., and San Francisco, Cal., and at the Western Navajo Indian School. For further information apply to the superintendent of the Western Navajo Indian School, Tuba, Ariz. **CATO SELLS**, commissioner.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 819—Proposals for Four Steel Tugboats for Handling and Docking of Vessels at the Entrances of the Panama Canal.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until **10:30 a. m. March 23, 1914**, at which time they will be opened in public for furnishing the above information relating to this circular (No. 819) may be obtained from this office or the office of the assistant purchasing agent, 108 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; F. C. BECKS, major, corps engineers, U. S. A., general purchasing officer.

PROPOSALS FOR LOCOMOTIVE.

COMPRESSED-AIR LOCOMOTIVE—Sealed proposals, indorsed "Proposals for Compressed-Air Locomotive and Accessories," and marked on the outside of the envelope "Proposals for Compressed-Air Locomotive," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. March 14, 1914**, and then there publicly opened for one compressed-air locomotive, a three-stage charging compressor, pipe and fittings for stationary storage and charging stations, and four flat cars for the naval magazine, Kuehna Island, Pearl Harbor, Hawaii. Estimated cost, \$7,500. Specifications can be obtained on application to the bureau. H. R. STANFORD, chief of bureau.

PROPOSALS FOR BUILDING.

BUILDING—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals, plainly marked on the outside of the sealed envelope "Proposals for Additions to Two Stone Dormitories at Pueblo Bonito Indian School, N. Mex.," and addressed to the "Commissioner of Indian Affairs, Washington, D. C.," will be received at the Indian office until 2 o'clock p. m. of **March 19, 1914**, for furnishing materials and labor for the construction of three brick cottage dormitories at the Pueblo Bonito Indian School, N. Mex., in strict accordance with the plans, specifications, and instructions to bidders, which may be examined at the office of the paper or periodical in which this advertisement appears, the U. S. Indian Bureau at Chicago, Ill.; St. Louis, Mo.; Omaha, Neb., and San Francisco, Cal., and at the Pueblo Bonito Indian School. For further information apply to the superintendent of the Pueblo Indian School, Crownpoint, N. Mex. **CATO SELLS**, commissioner.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to locality. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCES—8, 2 story and base, frame, \$4,500 to \$8,000 respectively San Francisco. Architect, Edward G. Bolles, 660 Market street, S. F. Owners, S. A. Born Building Co., 660 Market street, S. F. These houses will be erected in the Sea Cliff Tract and have been designed to contain from seven to ten rooms with one and two baths and sleeping porches. Interiors will be finished in pine, redwood and blue gum. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. The sum of \$65 is allotted for finish hardware and \$150 for lighting fixtures. Bath rooms will have tile wainscot and composition floors. Exteriors will be covered with cement plaster on metal lath. Plans are in the hands of the owners and work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$2,300. San Francisco. Architect, none. Owner, J. M. Olson, 125 Jersey street, S. F. The dwelling will contain six rooms and bath and will be erected on the south side of Jersey street west of Church. Interior finish will be of pine throughout. Some hardwood floors will be used. There will be a large open fire place in the living room with a brick or tile mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic, shiplap and a trick veneer base. Plans done by Day Labor. All materials are now being purchased.

APARTMENT HOUSE—5 story and base, brick and steel, \$35,000. San Francisco. Architect, W. G. Hind, 46 Kearny street, S. F. Owner, Dr. Clyde S. Payne. This building will be erected on the north side of Bush street, 90 feet west of Stockton, and will have a frontage of 50 feet by a depth of 68 feet 9 inches. A modern French style of architecture has been used. There will be four stores on the first floor and a total of 24 two and three room suites on the upper floors. Interiors will be finished in redwood and white enamel. Oak floors will be used in the living rooms and halls. Plans provide for steam heat, an automatic elevator, portable vacuum cleaners and a hot water supply. All suites will have wall beds and private bath rooms. Bath rooms will be finished in tile with composition floors. Entrance and lobby will have marble and tile wainscot. Exterior of the building will be faced with white enamel brick. Plans are complete and segregated figures are being taken on the various parts of the work.

APARTMENT HOUSE—3 story and base, frame, \$22,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner's name withheld. The building will be erected on Scott street near Lombard, close to the Exposition grounds, and will cover an area of 50 by 100 feet. The design is in the Classic style. Interior will be arranged for eighteen apart-

ments of two and three rooms, some of which will have dining rooms connected with the living room by sliding doors. Interior finish will be of pine and hardwood veneer. Oak floors will be used. There will be steam heat and a hot water system. All apartments will have wall beds and private baths. Tile wainscot and composition floors will be used in the bath rooms. Entrance will be finished in tile and marble. Exterior of the building will be covered with pressed brick veneer. Plans are being prepared.

APARTMENT HOUSE—3 story and base, frame, \$12,000. San Francisco. Architect, Ernest Hildebrand, Crocker Bldg., S. F. Owner, Ernest Hildebrand. The building will be erected on the west side of Larkin street near Union, and has been designed to contain 12 modern suites of three and four rooms. Interior finish will be of pine and redwood with some oak floors. There will be steam heat and a hot water system. Bath rooms will be finished in tile with composition floors. All suites will have private baths and wall beds. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and segregated figures are being taken.

APARTMENT HOUSE ADDITION—1 story, frame, \$2,500. San Francisco. Architect, Henry Sherman, Mills Bldg., S. F. Owner, Henry Proll. The present building located at the southwest corner of Clay and Larkin streets will be altered and an additional story constructed. New portion of the building will contain two and three room suites and will be arranged to correspond with the present building. The work will include interior finish, plastering, plumbing and electric work. Extensive alterations will also be made to the old portion. Plans are complete and figures are being taken.

APARTMENT HOUSE—2 story and base, frame, \$10,000. San Francisco. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, Mr. Segala. The building will be erected on Pfeiffer near Stockton street, and has been arranged to contain four modern suites of three rooms and bath each. Interior will be finished in pine and redwood. There will be a hot water supply, wall beds and private bath rooms. Some hardwood panels will be used. Entrance will be finished in tile and marble. Exterior of the building will be covered with rustic and shiplap. Plans are now being prepared.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner's name withheld. The building will be erected on Pacific street near Taylor, and will contain six suites of two and three rooms with private baths. All interior finish will be of pine or redwood. Some oak floors will be used. There will be a hot water supply. Bath rooms will have the wainscot and composition floors. Wall beds are specified. Entrance will be finished in tile and marble. Exterior of the building will be covered with cement

plaster on metal lath. Plans are now being prepared.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architect, Theo. W. Lenzen. Humboldt Bank Bldg., S. F. Owner, B. Lange. The building will be erected on the west side of 9th avenue near Irving street and will contain one store and two modern flats. Interiors will be finished in pine and redwood with some elm panels. Oak floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$4,000. San Francisco. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, Louis De Martini. The building will be erected on Union street west of Stockton, covering an area of 28 feet 9 inches by 61 feet. There will be four flats of five rooms each. Interior will be finished in pine and redwood with some hardwood floors. Each living room will have an open fire place and tile mantel. Bath rooms and kitchens will have tile wainscot. Entrances will be finished in tile and terrazzo. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and all work except mill and carpentry work will be done by Day Labor. The owner is now in the market for all materials.

FLATS—4, 2 story and base, frame \$4,000 each. San Francisco. Architect, none. Owners, Tyler-Schmidt Building Co., 1921 Oak street, S. F. These buildings will be erected on 17th avenue north of California, and each will contain two modern flats of five and six rooms. Interiors will be finished in pine, redwood and some hardwood veneer. Oak floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exteriors will be covered with rustic and shiplap. Plans are in the hands of the owners and work will be done by Day Labor. All materials are now being purchased.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architects, Collischonn & Meeth, 521 11th avenue, S. F. Owner, Mrs. R. Ellen. The building will be erected on 7th avenue near Clement street, and has been designed in the Modern Mission style. Interior will be arranged for a total of 15 suites of three and four rooms. Interiors will be finished in pine and elm panels. Some hardwood floors will be used. Plans provide for steam heat, wall beds and a hot water supply. Portable vacuum cleaners will also be installed. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

PILE DRIVING MACHINERY, ETC.—Cost not stated. Honolulu, H. T. Engineer, Board of Harbor Commissioners, Honolulu. Owners, City of Honolulu. Plans have been completed calling for furnishing the city with

pile driving equipment and machinery. Bids are now being called for and will be opened on March 28th. Plans and specifications together with complete information may be obtained from the Honolulu Harbor Commissioners.

CITY HALL WORK—Cost not stated. San Francisco. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Bids were opened at the last Wednesday meeting of the Board of Public Works for the electric, vacuum cleaning system and pneumatic tubes for the new City Hall. The Newbery-Bendheim Electric Co. were low on the work at \$77,000 and will probably be awarded the contract. Bids were also opened at the same meeting for furnishing the City Hall water supply. The Scott Co. were low on the work at \$13,475. A complete list of these bids will be found under the heading of San Francisco in this issue.

HOTEL—7 story and base, reinforced concrete, \$162,000. San Francisco. Architects, MacDonald & MacDonald, Holbrook Bldg., S. F. Owner, Mrs. William F. Burbank. The building will be erected on property adjoining the present Union Square Hotel at the northwest corner of Post and Stockton streets, and is intended as an addition to that structure. One of the main features of the building will be a large palm court which will occupy nearly the entire first floor. Design and construction will be similar to that of the present building. Upper six floors will contain in the neighborhood of 150 guest rooms, all of which will have private baths. Interior will be finished in pine and hardwood. Plans provide for steam heat, elevator service, hot water supply and vacuum cleaning. Marble, tile and ornamental plaster will be used extensively. All bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken. All work will be segregated.

HOTEL—7 story and base, brick and steel, \$75,000. San Francisco. Architects, Smith & Stewart, 244 Kearny street, S. F. Owner, A. O. Stewart. The building will be erected on the north side of O'Farrell street east of Taylor, and has been designed to contain two stores besides the hotel office and lobby on the first floor. The building will have a frontage of 27½ feet by a depth of 137½ feet. Upper floors will contain 66 rooms with private baths. There will be steam heat, vacuum cleaning system, elevator service and a hot water supply. All bath rooms will be finished in tile. Some marble and ornamental plaster will be used. Interior finish will be of pine and hardwood. Exterior of the building will be faced with pressed brick trimmed with ornamental terra cotta. Plans are complete and figures are being taken.

RAILROAD TRACKS, POLES AND CONDUIT—Cost not stated. San Francisco. Engineer, City Engineer, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Plans and specifications of the work to be executed under Section A of Contract No. 16, Van Ness Municipal Railroad, have been completed and are now out for figures. This contract will

include laying tracks, erecting poles and putting in conduit for the Van Ness Avenue line from Market street to Chestnut. Bids will be opened on March 18th. An official proposal appears in another column of this issue. Plans can be secured from the City Department of Engineering.

TROLLEY POLES—Concrete construction. Cost not stated. San Francisco. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans and specifications have been approved for the ornamental concrete trolley poles which are to be erected along Van Ness avenue and Chestnut street. Bids are now being taken for this work and will be opened by the Board of Public Works on March 11th.

UNDERGROUND AND OVERHEAD CONDUCTORS, UNION STREET MUNICIPAL LINE—Cost not stated. San Francisco. Engineer, City Department of Engineering, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened at last Wednesday meeting of the Board of Public Works for this work show the Pacific Fire Extinguisher Co. low on the overhead work at \$2,200, and the Pacific Gas and Electric Co. low on the underground work at \$5,755.73. A complete list of the bids will be found under the heading of San Francisco in this issue.

RESIDENCE—2 story and base, frame, \$10,000. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, P. H. McCarthy. The dwelling will be erected in Ingleside Terrace and has been designed for a twelve-room house with three baths and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

STORES—1 story and base, brick and steel. Cost not stated. San Francisco. Architects, Reid Bros., 105 Montgomery street, S. F. Owners, Peninsular Realty Co. The building will be erected at the northeast corner of Fillmore and Post streets, covering a considerable ground area. Foundations and exterior walls will be designed heavy enough to carry additional stories in the future. There will be several stories. Patent store fronts and late glass windows are specified. Exterior of the building will be faced with pressed brick. Plans are practically complete.

STATE EXHIBIT BUILDING—Frame and plaster construction. Cost not stated. San Francisco. Architect, Joseph Bell De Remer, Title Insurance Bldg., L. A. Owners, North Dakota Exposition Association. The building will be V shaped, with a central portion 39 feet square, two wings each 33 by 48 feet. Plaster exterior over metal lath, tile floor, pine floors and finish. The first floor will contain a lecture hall and balcony, offices, rest room, numerous exhibit chambers. The 2nd story will contain exhibit rooms. Plans are now being prepared.

CONCESSION BUILDING—Frame construction, \$100,000. San Francisco. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owners, Irish Village Co. It is proposed to erect a large group of buildings devoted exclusively to the Irish traditions and scenes. One of the main features of the group will be an exact replica of the Castle Blarney. Details of the buildings have not progressed far enough to give a description. Further mention will be made of the work.

Contracts Awarded.

FERRY SLIP—\$34,587. San Francisco. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Contractors, The Thomson Bridge Co., S. F. Contract price, \$34,587. Note: Bids were also opened by the State Board of Harbor Commissioners for furnishing a large amount of creosoted piles. No contract was awarded however. A complete list of all figures will be found under the heading of San Francisco in this issue.

City Bids Opened.

Electric Work, Vacuum Cleaning and Pneumatic Tubes For City Hall Attract Many Bidders.

Bids were opened at the Wednesday afternoon session of the Board of Public Works for the electric wiring, vacuum cleaning and pneumatic tubes for the new City Hall. Also for the City Hall water supply and for overhead and underground conductors for the Union Street Municipal Railroad. No awards were made. A complete list of the figures received follows:

Electric Work, Vacuum Cleaning and Pneumatic Tubes.

Le Page-McKenny Co., \$75,500
Buttle Elec. & Eng. Co., 79,843
Newbery-Bendheim Elec Co., 77,000
General Elec. Constr. Co., 93,374
McFell Elec. Co., 78,800
H. S. Little, 79,550
Pacific Fire Exting. Co., 75,650

Water Supply, City Hall.

Peterson-James Co., \$14,800
Scott Co., 13,475

Overhead Conductors, Union St. Line.

H. S. Little, \$1,560.00
Pacific Gas & Elec. Co., 5,910.10
James S. Pennell, 4,870.00
Bay Cities Elec. Co., 4,700.00
Rex Elec. Co., 4,745.00
Pacific Fire Exting. Co., 3,200.00

Underground Conductors, Union Street Line.

Pacific Fire Exting. Co., \$7,750.00
Pacific Gas & Elec. Co., 5,785.73

Bids Opened For State Harbor Work.

Contract Awarded For Construction of Ferry Slip No. 8. No Action on Creosoted Piles.

Bids were opened at the Thursday afternoon meeting of the State Board of Harbor Commissioners for constructing Ferry Slip No. 8. Also for furnishing creosoted timber piles. A contract for constructing Ferry Slip No. 8 was awarded to the Thomson

Bridge Co. at \$31,587. No action was taken on the award for furnishing creosoted piles. The following is a complete list of the bids as received:

Ferry Slip No. 8.

San Francisco Bridge Co., \$34,500
Thomson Bridge Co., 34,587
Healy-Tibbitts Constr. Co., 39,100
Hyde-Harjes & Co., 38,371

Creosoted Piles.

C. R. McCormick & Co., \$57,734
Pacific Creosoting Co. (J. H. Baxter), 50,040

Building Contracts Awarded

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Amt.
624	Cal Concession	McConnell	35000
625	Gaffke	Witzelsberger	1987
626	Schloen	Anderson	2100
627	Halstead	Foster	6400
628	Lovegrove	Arnold	13050
629	Same	O'Curry	7400
630	Same	Grafer	1525
621	Same	Titill	711
632	Same	Shepard	3037
633	Capurro	Hart	1900
634	Same	Curran	2400
635	Same	Pac Str Iron	2500
636	Koff	Carson	8600
637	Gibbons	Currie	7400
638	Gordon	Segurson	3800
639	Cal Acad'y	Ridgder	2600
640	Same	Hillard	3432
641	P. P. I. E.	Hess	2987
642	Same	Looney	4945
643	Olson	Olson	2300
644	Same	Hart	605
645	Williams	Callaghan	500
646	Bressi	King	450
647	Borsi	Borsi	400
648	Natl Ice Cream	Petersen	1800
649	Potter	Henderson	500
650	Myssell	Hann	500
651	Hoffman	Hoffman	1000
652	Viets	Nelson	500
653	Laye	Bonde	400
654	Bjors	Bjors	1500
655	Saroni	MacDonald	70000
656	Upstuart	J. S. 39 310	925
657	Brady	Klein	1900
658	Friermuth	Heaphy	14000
659	Arndt	Ralston	6000
660	Ericsson	Johnson	1300
661	S F Bldgs Trades	Bell	1290
662	Schmidt	Gold	1235
663	Milani	Gulist	1775
664	Mer Nat'l Bank	Johnson	3000
665	Pac Tel & Tel.	Matthies	7000
666	Keller	Keller	12000
667	Hamard Oil	Winkler	2000
668	Babeck	Babeck	1150
669	Dempiak	Dempiak	11000
670	Campara	Gulst	1600
671	Harris	Koschnitzke	2550
672	Lardan	Lansing	3500
673	Spreckels	Otis	4400
674	Forbes	Beck	14490
675	City & Co. S. F.	Garden	6454
676	Same	Lawson	2985
677	Same	Butte	2060
678	Same	Coleman	4746
679	S F Labor Council	Nelson	4944
680	Same	Central Iron	21750
681	Hooper	Moore	108700
682	Hyne	Anderson	2100
683	Hyman	Knecht	7000
684	Same	Franz	23345
685	Same	Van Emon Elev	3188
686	Same	Malott	4500
687	Same	Hadley	9130
688	Same	Forderer	4220
689	Same	Scott	5880
690	Same	Peterson	4072
691	Same	Central Elev	4262
692	Same	Snook	12150
693	Same	Lynch	19250
694	Halstead	Wilhelm	14809
695	Same	Zelinsky	790
696	Same	Scott	280
697	Same	Boyd	430
698	Greenwich Rlty	DeLaun	28350
699	Same	Helm	29000
700	Same	Van Emon	547
701	Same	Pacific Bldg	29000
702	Same	Malandre	2900
703	Same	Gilmour	12300
704	Same	Central Elev	3700
705	Same	Boyd	550
706	Connors	Mooney	4000
707	Zellerbach	Morrison	6180
708	O'Connor	Fany	9500
709	Halstead	Oliver	4720
710	Bartman	Leigh	4181

(624) E BUCHANAN 25 S Bay 8 278.75
XE 200. All work for one-story frame building.

Owner.....California Concessions Co.
Architect.....Harry Weatherwax, 3201
Washington, San Francisco
Contractor.....E. W. McConnell.

Filed March 2, '14. Dated Feb. 17, '14.
On list of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$35,000

Bond, \$17,500. Surety, United States Fidelity & Guaranty Co. Limit, 180 days. Forfeit, none. Plans and specifications filed.

(625) NO. 615 KIRKHAM. All work for one-story addition to present 1-story frame building.

Owner.....Elizabeth Gaffke, Premises
Architect.....L. M. Weismann & Son,
Pacific Bldg., S. F.
Contractor.....Jacob Witzelsberger, 110
Jessie, San Francisco.

Filed March 2, '14. Dated Feb. 26, '14.
Enclosed and roof on.....\$723.75
Brown coated..... 723.75
Completed and accepted..... 723.75
Usual 35 days..... 723.75

TOTAL COST, \$2895.00

Bond, \$1447.50. Sureties, Geo. Wollen-schaefer and Elmo Collins. Limit, forfeit, none. Plans and specifications filed.

(626) SW BUCHANAN AND JACK-son; No. 2461 Buchanan, Alterations and additions to three-story frame building.

Owner.....Mrs. Anna Schloen, 2459
Buchanan, San Francisco.
Architect.....None
Contractor.....Anderson & Co., 1623 Eddy
San Francisco.

Filed March 2, '14. Dated Feb. 18, '14.
Framing lumber delivered.....\$325
Present partitions moved and
framing done..... 535
Completed and accepted..... 535
Usual 35 days..... 535

TOTAL COST, \$1200

Bond, limit, forfeit none. Plans and specifications filed.

(627) NE EIGHTEENTH & MISSION
N 47XE 100. Excavation, pumping,
bulkheading, reinforced and plain
concrete, cement work, etc., for three
story and basement brick rooming
house and stores.

Owner.....W. A. Halstead.
Architect.....August Nordin, Mills Bldg
San Francisco.

Contractor.....Foster-Vogt Co., 2930 Otis
San Francisco.

Filed Mar. 2, '14. Dated Mar. 2, '14.
List of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$6400

Bond, \$3200. Surety, Massachusetts Bonding & Insurance Co. Limit, 53 days. Forfeit, \$10. Plans and specifications filed.

(628) NE WASHINGTON & PRESIDIO
Ave E 90-11XN 50. All work except
plumbing, heating, painting, electric
work, gas fixtures and shades for two
story and basement frame residence.

Owner.....Mrs. Stella C. Lovegrove.
Architect.....Charles J. Colley, 614 Pacifi-
c Bldg., San Francisco.

Contractor.....H. W. Arnold, 227 Chat-
tanoga, San Francisco.

Filed Mar. 3, '14. Dated Feb. 28, '14.
Excavation of trenches and ready



COMMERCIAL BUILDING OWNED BY A. B. SPRECKELS
San Francisco

G. A. Applegarth, Architect
San Francisco



NEW ORPHEUM AT SALT LAKE CITY
Salt Lake City

G. Albert Lansburgh, Architect
San Francisco

for forms\$ 900
Concrete walls in and 1st floor
Joists set 1000
Frame up, sheathed and brick
chimney built 1887
Roof on and building lathed 2000
Plastering completed, sash hung
and mantel tile set 2000
Completed and accepted 2000
Usual 35 days 3263
TOTAL COST, \$12,057

Bond, \$6525. Surety The Aetna Accident & Liability Co. Limit, Sept. 1, '14
Forfeit, \$5. Plans and specifications
filed.

(629) HONEYWELL SYSTEM OF
hot water heating plant, boilers,
radiators, piping, etc., on above.
Contractor, J. E. O'Mara, 449 Minna,
San Francisco.

Filed Mar. 3, '14. Dated Feb. 28, '14.
Roughed in\$225
Completed and accepted 370
Usual 35 days 200
TOTAL COST, \$795

Bond, \$400. Sureties, Harry A. Dutton
and W. D. Stewart. Limit, fast as con-
struction will permit. Forfeit, \$5.
Plans and specifications filed.

(630) PAINTING, TINTING, PAPER-
ing etc., on above.

Contractor, Harry G. Graper, 50 Far-
ren Ave., San Francisco.

Filed Mar. 3, '14. Dated Feb. 28, '14.
½ done\$571
Completed and accepted 572
36 days after 382
TOTAL COST, \$1525

Bond, \$746. Sureties, F. E. Daverkosen
and E. L. Heuter. Limit, fast as con-
struction will permit. Forfeit, \$5.
Plans and specifications filed.

(631) ELECTRIC WIRING ON ABOVE
Contractor, J. H. S. Tittle, 245 Minna,
San Francisco.

Filed Mar. 3, '14. Dated Feb. 28, '14.
Roughed in\$405
Completed and accepted 132
Usual 35 days 178
TOTAL COST, \$711

Bond, \$360. Sureties, Wm. P. Scott and
H. M. Vennelt. Limit, fast as con-
struction will permit. Forfeit, \$5.
Plans and specifications filed.

(632) PLUMBING, SEWERING, GAS
and water piping, etc., on above.
Contractor, Shepard Bros., 600 Califor-
nia, San Francisco.

Filed Mar. 3, '14. Dated Feb. 28, '14.
One-half roughed in\$749
Roughing completed 749
Completed and accepted 750
36 days after 782
TOTAL COST, \$3027

Bond, \$1520. Sureties, Wm. and Fannie
Shepard. Limit, fast as building will
permit. Forfeit, \$5. Plans and speci-
fications filed.

(632) SE BROADWAY & BARTOL
Place. Mill work for four-story and
basement reinforced concrete and
steel rooming house.

Owner, Nicola Capurro, 1351 Grant
Ave., San Francisco.

Architect, Louis Mastropasqua, 559
Washington, San Francisco
Contractor, T. A. Hart and Otto F. E.
Burmester, 1068 Brannan,
San Francisco.

Filed Mar. 3, '14. Dated Feb. 3, '14.
Frame and sashes delivered\$275
Mill work for interior delivered 375

Mill work completed 375
Usual 35 days 375

TOTAL COST, \$1500

Bond, limit, forfeit, none. Plans and
specifications none.

(624) PLUMBING AND GAS SYSTEM
on above.

Contractor, A. Curren.

Filed Mar. 3, '14. Dated Feb. 3, '14.
Rough work completed\$900
Completed and accepted 900
Usual 35 days 600

TOTAL COST, \$2400

Bond, limit, forfeit, none. Specifi-
cations only filed.

(635) STRUCTURAL STEEL WORK
on above.

Contractor, Pacific Structural Iron
Works, 570 10th, S. F.

Filed Mar. 3, '14. Dated Feb. 2, '14.
Steel set on 2nd floor\$625
Steel set on roof 625
On completion of steel work, ex-
cept grills and iron door 625
Usual 35 days 625
TOTAL COST, \$2500

Bond, \$1250. Surety, Aetna Accident &
Liability Co. Limit, forfeit, none.
Plans and specifications filed.

(636) S CLAY 55 E Taylor E 25xS 89-9
All work except lighting fixtures,
linoleum, carpets and gas ranges for
three-story and basement frame ten-
ement.

Owner, Louis D. Stoff, 46 Kearny,
San Francisco.

Architect, C. O. Clausen, Phelan Bldg
San Francisco.

Contractor, Otto Carson & Co., 1461
Hyde, San Francisco.

Filed Mar. 4, '14. Dated Mar. 4, '14.
Frame up\$2150
Brown coated 2150
Completed and accepted 2150
Usual 35 days 2150

TOTAL COST, \$8600

Bond, \$4300. Surety, Massachusetts
Bonding & Insurance Co. Limit, 70
days. Forfeit, none. Plans and speci-
fications filed.

(627) E LOCUST 127-84 N Jackson E
33-4 fr m E Locust to pt of beg E
33-4 N 91-1¼ m or l th W along S
line of small street to pt on said
street 33-5¼ NE from E Locust S
88-2¼ W A 821. All work except
plumbing, heating, mantels and
electric work for frame residence.

Owner, Henry W. Gibbons, 250
Post, San Francisco.

Architect, Coxhead & Coxhead,
Hearst Bldg., S. F.

Contractor, Currie & Currie, 1215 3rd
Ave., San Francisco.

Filed Mar. 4, '14. Dated Feb. 25, '14.
Frame up and chimneys built\$1850
Building plastered 1850
Completed and accepted 1850
Usual 35 days 1850

TOTAL COST, \$7400

Bond, \$2700. Surety, J. W. Schouten
and J. H. McCallum. Limit, 90 days.
Forfeit, \$10. Plans and specifications
filed

(628) S NATOMA about 180 E 11th.
Labor, lumber, mill, plumbing, paint,
plaster, hardware, tinning, electrical
work, door opener, tar roof, stone
steps for two-story and basement
frame flats.

Owner, Wm. Gordon, 1426 Howard,
San Francisco.

Architect, None.

Contractor, Segursion Bros., 308 Guer-
rero, San Francisco.

Filed Mar. 4, '14. Dated Feb. 9, '14.
Frame up and roof on\$950
Brown coated 950
Finished 950
Usual 35 days 950

TOTAL COST, \$2800

Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed

(639) IN GOLDEN GATE PARK S of
Band Stand. Cast iron and orna-
mental iron work for Museum Bldg.
Owner, California Academy of
Sciences.

Architect, Lewis P. Hohart, Crocker
Bldg., San Francisco.

Contractor, Rudgear-Merie Co., Bay &
Stockton, San Francisco.

Filed Mar. 4, '14. Dated Feb. 27, '14.
On 15th of each month 75%
Usual 35 days 25%

TOTAL COST, \$2600

Bond, \$1300. Surety, Massachusetts
Bonding & Insurance Co. Limit, Aug.
1, 1914. Forfeit, none. Plans and
specifications filed.

(640) ORNAMENTAL IRON WORK
except cast iron, etc., on above.

Contractor, C. J. Hillard Co., Inc., 19th
and Minnesota, S. F.

Filed Mar. 4, '14. Dated Feb. 27, '14.
Payments same as above.

TOTAL COST, \$2422

Bond, \$1716. Surety, Fidelity & De-
posit Co. of Maryland. Limit, June 1,
1914. Forfeit, none. Plans and speci-
fications filed.

(641) ON EXPOSITION SITE. Elec-
trical work for The Main Entrance
Tower.

Owner, Panama-Pacific Interna-
tional Exposition Co. by
Commar Peterson, 402
Mansky Bldg., S. F.

Architect, Thos. Hastings.

Contractor, Rex Elec. & Constr. Co.,
Monadnock Bldg., S. F.

Filed Mar. 4, '14. Dated Feb. 27, '14.
On 1st of each month 75%
Usual 35 days 25%

TOTAL COST, \$2987

Bond, \$1500. Surety, Southwestern
Surety Insurance Co. Limit, as re-
quired. Forfeit, \$150. Plans and
specifications, none.

(642) PLUMBING ON ABOVE.

Sub-Contractor, The J. Leoney Co., 85
City Hall Ave., S. F.

Filed Mar. 4, '14. Dated Feb. 27, '14.
Payments same as above.

TOTAL COST, \$4945

Bond, \$2472.50. Surety, Equitable
Surety Co. Limit, as required. For-
feit, \$150. Plans and specifications,
none.

(642) S JERSEY 125 W Church. Two
story and basement frame dwelling.

Owner, J. M. Olson, 125 Jersey,
San Francisco.

Architect, None.

Day's work. COST, \$2300

(644) N TARAVAL 32-6 W 17th Ave.
Two-story frame dwelling.

Owner, Pierce Hart, 808½ Mc-
Allister, San Francisco.

Architect, None.

Day's work. COST, \$600

(643) NO. 905 ASHBURY. Add one room, floor attic and gas and electrical work.
Owner.....F. W. Williams, Premises.
Architect...None.
Contractor...Callaghan Bros., 900 Clayton, San Francisco.
COST, \$500

(646) NO. 1856 McALLISTER. Add 2 rooms.
Owner.....B. Bressi, Premises.
Architect...None.
Contractor...Chas. J. King, Inc., 1900 Golden Gate Ave., S. F.
COST, \$450

(647) NO. 1841 HOWARD. Raise residence and minor repairs.
Owner.....F. Borsl, Premises.
Architect...None.
Day's work. COST, \$400

(648) NO. 366 GUERRERO. Repair stable.
Owner.....National Ice Cream Co. 366 Guerrero, San Francisco.
Architect...None.
Day's work. COST, \$1000

(649) NO. 576 SACRAMENTO. Alter lofts into offices.
Owner.....J. S. Potter, Premises.
Architect...N. W. Sexton, 505 Chronicle Bldg., San Francisco.
Contractor...W. D. Henderson, 915 Monadnock Bldg., S. F.
COST, \$500

(650) S MERCHANT 34 W Embarcadero. Cement basement floor.
Owner.....Myssell-Rollins Co., 32 Clay San Francisco.
Architect...None.
Contractor...C. C. W. Haun, 116 Jessie, San Francisco.
COST, \$500

(651) NO. 1329 SACRAMENTO. Raise and make new entrance.
Owner.....R. O. Hoffman, Cr O'Brien Bros., Inc., 519 California, San Francisco.
Architect...O'Brien Bros., Inc., 519 California, S. F.
Day's work. COST, \$1000

(652) CLIFF HOUSE (rear). Construct observation building.
Owner.....David C. Veirs, 620 Eddy, San Francisco.
Architect...None.
Contractor...K. Nelson, 62 Perry, S. F.
COST, \$500

(653) NO. 715 ELIZABETH. New front and vestibule and shingle roof.
Owner.....Carl Laye, Premises.
Architect...None.
Contractor...C. C. Bonde, 131 Richland Ave., San Francisco.
COST, \$400

(654) N NEY 50 W Congdon. One and one-half-story and basement frame dwelling.
Owner.....Victor Bjors, 660 Waller, San Francisco.
Architect...None.
Day's work. COST, \$1500

(655) N JACKSON 30 E Spruce. Two two-story and basement reinforced concrete residences.
Owner.....L. Saroni, 735 Battery, San Francisco.

Architect...MacDonald & MacDonald, Holbrook Bldg., S. F.
Contractor...MacDonald & Kahn, Rialto Bldg., San Francisco.
COST, \$70,000

(656) N BROADWAY, bet Montgomery and Sansome (Washington Irving School). Two-story and basement brick school building.

Owner.....City and County of S. F.
Architect...Bureau of Architecture, Bd of Public Works, S. F.
General Contractor...F. M. Garden Co., 251 Kearny, San Francisco.
COST, \$64,544

(656A) HEATING AND VENTILATING on above.
Contractor...H. Lawson, 344 4th Ave., S. F.
COST, \$2985

(656-B) ELECTRIC WORK ON ABOVE
Contractor...Butte Elec. & Eng. Co., 685 Howard, San Francisco.
COST, \$2060

(656-C) PLUMBING ON ABOVE.
Contractor...Alex Coleman, 706 Ellis, S. F.
COST, \$4746

(657) NO. 1225 TWENTIETH AVE. Add six-room flat to present building.
Owner.....Joseph Brady, Premises.
Architect...None.
Contractor...F. A. Klein, 1423 24th Ave San Francisco.
COST, \$1900

(658) N UNION 24-G E Fillmore Three story and basement frame stores and rooms.
Owner.....Charles Friermuth, 1653 Lombard, San Francisco.
Architect...Plans by Owner.
Contractor...J. J. Heaphy, 1721 Lombard, San Francisco.
COST, \$14,000

(659) W JORDAN AVE 300 N Euclid Ave. Two-story and basement frame residence.
Owner.....Annie & Alfred L. Arendt, 3351 Jackson, S. F.
Architect...None.
Contractor...F. F. Ralston, 132 Commonwealth Ave., S. F.
COST, \$6000

(660) SE LISBON 225 SW Excelsior. One and one-half-story and basement frame dwelling.
Owner.....Henry Erickson, 95 Bemis, San Francisco.
Architect...None.
Contractor...C. Wyman, 107 Madrid, San Francisco.
COST, \$1300

(661) SW GUERRERO AND 14TH Construct mezzanine floor.
Owner.....S. F. Building Trades Council Ass'n., Premises.
Architect...None.
Contractor...James Bell, 252 Paris, San Francisco.
COST, \$1290

(662) N De MONTFORD 125 W Jules. One-story and basement frame store.
Owner.....F. W. Schmidt, 1720 Fillmore, San Francisco.
Architect...None.
Contractor...A. Gold, 1108 Fillmore, San Francisco.
COST, \$1735

(663) NO. 217 ARKANSAS. One-story frame stable.
Owner.....L. Milani, 323 Washington San Francisco.
Architect...None.
Contractor...L. A. Guist, 732 Montgomery, San Francisco.
COST, \$1775

(664) NE NEW MONTGOMERY AND Stevenson. Lay floor, construction of mezzanine floor, new store front, new marquee, store fittings, plastering, plumbing, painting, for one-story brick building.
Owner.....Merchants N.Y. Bank.
Architect...E. E. Young, 251 Kearny, San Francisco.
Contractor...Frank P. Lansing, 110 Jessie, San Francisco.
COST, \$3000

(665) NO. 835 HOWARD. Install new partition, plumbing, concrete floor and 12 new windows.
Owner.....The Pacific Telephone & Telegraph Co., 333 Grant Ave., San Francisco.
Architect...None.
Contractor...Matthews & Griffith, 180 Jessie, San Francisco.
COST, \$7000

(666) E TWELFTH AVE 23 N Irving. Three-story and basement frame (9) apartments.
Owner.....E. J. Keller, S. F.
Architect...C. O. Clausen, Phelan Bldg San Francisco.
Day's work. COST, \$12,000

(667) NW BUSH AND SANSOME. Alter first and mezzanine floors and build bank vault.
Owner.....Standard Oil Co., Prem.
Architect...B. G. McDougall, 827 Sheldon Bldg., S. F.
Contractor...P. J. Walker Co, 1073 Monadnock Bldg., S. F.
COST, \$2000

(668) NW ARKANSAS AND 20TH (rear). One-story and basement frame dwelling.
Owner.....John Babeck.
Architect...None.
Day's work. COST, \$1150

(669) S CLAY 30 E Taylor. Three-story frame (6) apartments.
Owner.....John Demplak, 1658 Washington, S. F.
Architect...None.
Day's work. COST, \$11,000

(670) NO. 419 BROADWAY. Minor changes in store.
Owner.....E. Camera, 506 Broadway, San Francisco.
Architect...None.
Contractor...S. A. Guist, 732 Montgomery, San Francisco.
COST, \$1000

(671) N CLIFFORD 75 E Upper Terrace being Lot 63 Corona Heights. All work for two-story frame residence.
Owner.....Albert and Mattie Harris.
Architect...Joseph Cahen, 45 Kearny, San Francisco.
Contractor...J. Koschnitzke, 1321 12th Ave., San Francisco.
Filed Mar. 5, '14. Dated Feb. 22, '14.
Frame up\$550
Brown coated 600
Enclosed and standing trim on.. 600

Completed and accepted..... 900
Usual 35 days..... 900
TOTAL COST, \$3500
Bond, \$1775. Sureties, A. F. Bulotti & Wm. Chatham. Limit, 100 days. Forfeited, \$5. Plans and specifications filed.

(672) SE HOWARD 150 SW 12th SW 50xSE 137-6 M B 16. All work for one-story frame soda water works. Owner.....Landau Economic Syphon Co., 1919 Howard, S. F.
Architect...E. E. Young, 251 Kearny, San Francisco.
Contractor..Frank P. Lansing, 110 Jessie, San Francisco.
Filed Mar. 5, '14. Dated Mar. 4, '14.
Frame up.....\$875
Roof on and enclosed..... 875
Completed and accepted..... 875
Usual 35 days..... 875
TOTAL COST, \$3500
Bond, \$1750. Sureties, E. H. Norman & H. V. MacMeans. Limit, 40 days. Forfeited, none. Plans and specifications filed.

(673) FRONT near Market. One electric dumb waiter and one patented closed gravity spiral conveyor for Moore Watson Building.
Owner.....A. B. Spreckels.
Architect...G. A. Applegarth, Call Bldg., San Francisco.
Contractor..Otis Elevator Co., Bench and Stockton, S. F.
Filed Mar. 5, '14. Dated Feb. 13, '14.
On shipment of engine..... 1/2
On completion..... 1/2
Usual 35 days..... 1/2
TOTAL COST, \$1400
Bond, \$2200. Surety, National Surety Co. Limit, forfeited, none. Plans and specifications filed.

(674) NW MARKET 275 NE Marshall Square NW 67.97 E 160.297 SW 94.366 All work for one-story brick building.
Owner.....Katherine Forbes.
Architect...T. Patterson Ross, 310 California, San Francisco
Contractor..John E. Beck, 110 Jessie, San Francisco.
Filed Mar. 5, '14. Dated Feb. 27, '14.
1st story joists in place.....\$2700
Roof on..... 2700
White coated..... 2700
Completed and accepted..... 2765
Usual 35 days..... 3625
TOTAL COST, \$14,490
Bond, \$7245. Sureties, P. P. Quinn and Elmer Carlson. Limit, none. Forfeited, \$30. Plans and specifications filed.

(675) NE SIXTEENTH AND CAPP N 90x E 150. Excavation, concrete, marble, tile, ornamental iron, sheet metal work, roofing, lath and plaster, glazing, rough and finish carpentry, vacuum cleaning plant for four-story and basement Class "C" building.
Owner.....S. F. Labor Council Hall Association.
Architect...Matthew O'Brien, 68 Post, San Francisco.
Contractor..Newsom, Wold, Kohn Co., Sharon Bldg., S. F.
Filed Mar. 6, '14. Dated Mar. 4, '14.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$49,444
Bond, \$24,720. Sureties, Wm. A. Newsom and C. L. Wold. Limit, 150 days. Forfeited, \$30. Plans and specifications filed

(676) STEEL AND CAST IRON WORK on above.
Contractor..Central Iron Works, 651 Florida, San Francisco.
Filed Mar. 6, '14. Dated Mar. 4, '14.
Payments same as above.....
TOTAL COST, \$21,750
Bond, \$10,875. Sureties, Andrew A. Devoto and Wm. H. Sullivan. Limit, 40 days after arrival of steel. Forfeited, \$20. Plans and specifications filed.

(677) N OFARELL 137-6 W Powell W 50xN 137-6. All work for seven-story and basement steel frame and brick walls hotel building.
Owner.....C. A. Hooper & Co., Balboa Bldg., San Francisco.
Architect...G. B. Ashcroft, Balboa Bldg., San Francisco.
Contractor..C. P. Moore Bldg. Co., Sharon Bldg., S. F.
Filed Mar. 6, '14. Dated Mar. 2, '14.
Monthly installments of..... 75%
36 days after..... 25%
TOTAL COST, \$108,760
Bond, \$54,350. Surety, The Aetna Accident & Liability Co. Limit, forfeited, none. Plans and specifications filed.

(678) W WEBSTER 81-6 S Pacific Ave 8-26 3/4xW 110. All work except plumbing, heating, plastering, marble scagliola mosaic, ornamental iron elevator and cage, dumb waiter, fire escapes, light fixtures, ornamental terra cotta, wall beds and front shades for three-story and basement frame apartments.
Owner.....A. M. Byrne, 2411 Webster, San Francisco.
Architect...Dunn & Kearns, Monadnock Bldg., S. F.
Contractor..N. P. Anderson, 820 Market, San Francisco.
Filed Mar. 6, '14. Dated Mar. 6, '14.
Frame up.....\$4059
Ready for lathing..... 4058
Standing finish on..... 4058
Completed and accepted..... 4058
Usual 35 days..... 5412
TOTAL COST, \$21,645
Bond, \$14,000. Sureties, R. Ringrose & David Dillon. Limit, 100 days. Forfeited, \$20. Plans and specifications filed.

(679) SW TAYLOR AND EDDY W 137-6xS 137-6. Lathing, plastering, cement, dampproofing, imitation tiling, etc., for six-story and basement brick, concrete and steel building.
Owner.....Morris, Joseph, Julia Hyman, Theresa Stone, Emile Barnch and Henry W. Hyman Estate, Kohl Bldg., San Francisco.
Architect...Henry H. Meyers, Kohl Bldg., San Francisco.
Contractor..A. Knowles, 953 Folsom, San Francisco.
Filed Mar. 6, '14. Dated Mar. 3, '14.
On 10th of each month comg. 75%
June 10, 1914..... 1520
Usual 35 days, balance..... \$1920
TOTAL COST, \$17,000
Bond, \$8500. Surety, The Aetna Accident & Liability Co. Limit, 60 days after partitions ready for lathing. Forfeited \$30. Plans and specifications filed.

(680) CARPENTER AND MILL WORK etc., on above.
Contractor..Val Franz, 185 Stevenson, San Francisco.

Filed Mar. 6, '14. Dated Mar. 5, '14.
Payments same as above.....
TOTAL COST, \$33,345
Bond, \$16,672.50. Surety, National Surety Co. Limit, 45 days after plastering is done. Forfeited, \$30. Plans and specifications filed.

(681) ELEVATOR WORK ON ABOVE
Contractor..Van Emon Elevator Co., 60 Natoma, San Francisco.
Filed Mar. 6, '14. Dated Mar. 5, '14.
Guides of passenger elevator in and machine delivered.....\$ 975
Side walk machine delivered..... 220
Completed and accepted..... 1196
36 days after..... 797
TOTAL COST, \$3188
Bond, \$1594. Surety, Pacific Coast Casualty Co. Limit, 30 days when standing finish on. Forfeited, \$30. Plans and specifications filed.

(682) COMPOSITION ROOFING. Lathing, etc., on above.
Contractor..Mallott & Peterson, Monadnock Bldg., S. F.
Filed Mar. 6, '14. Dated Mar. 3, '14.
Completed and accepted.....\$326
36 days after..... 109
TOTAL COST, \$435
Bond, \$220. Surety, Aetna Accident & Liability Co. Limit, 10 days after roof is constructed. Forfeited, \$30. Plans and specifications filed.

(683) BRICK, TERRA COTTA, ETC., on above.
Contractor..Charles B. Hadley, 185 Stevenson, San Francisco.
Filed Mar. 6, '14. Dated Mar. 3, '14.
Brick and terra cotta work to 3rd floor joists.....\$2335
Brick and terra cotta work to 5th floor..... 2335
Completed and accepted..... 2335
Usual 35 days..... 2335
TOTAL COST, \$9240
Bond, \$4670. Surety, Aetna Accident & Liability Co. Limit, 45 days when frame is erected, Forfeited, \$30. Plans and specifications filed.

(684) TIN WORK, GALVANIZED iron, marquis awning, box lining, skylights, etc., on above.
Contractor..Fordner Cornice Works, 269 Potrero Ave., S. F.
Filed Mar. 6, '14. Dated Mar. 3, '14.
1/2 work completed.....\$1282
Completed and accepted..... 1283
36 days after..... 855
TOTAL COST, \$3420
Bond, \$1710. Surety, National Surety Co. Limit, 30 days after brick work done. Forfeited, \$30. Plans and specifications filed.

(685) HEATING APPARATUS, ETC., on above.
Contractor..Scott Company.
Filed Mar. 6, '14. Dated Mar. 3, '14.
Rough piping for heating system in.....\$2205
Completed and accepted..... 2205
36 days after..... 1470
TOTAL COST, \$5880
Bond, \$2940. Surety, National Surety Co. Limit, 250 days. Forfeited, \$30. Plans and specifications filed.

(686) PAINTING, ETC., ON ABOVE.
Contractor..Martin Peterson, 215 29th, San Francisco.
Filed Mar. 6, '14. Dated Mar. 3, '14.
1/2 work completed.....\$1608

Completed and accepted..... 1508
 36 days after..... 1006
TOTAL COST, \$4022
 Bond, \$2011. Surety, Chicago Bonding & Surety Co. Limit, 30 days after standing finish on. Forfeit, \$30. Plans and specifications filed.

(687) **ELECTRIC WORK ON ABOVE.**
 Contractor, Central Elec. Co., 185 Stevenson, San Francisco.
 Filed Mar. 6, '14. Dated Mar. 3, '14.
 1/2 conduits in..... \$ 875
 All conduits in..... 875
 Wiring drawn in conduits..... 771
 36 days after..... 1091
TOTAL COST, \$4362
 Bond, \$2651. Surety, Pacific Coast Casualty Co. Limit, 30 days after plastering done. Forfeit, \$30. Plans and specifications filed.

(688) **PLUMBING, ETC., ON ABOVE.**
 Contractor, Frederick W. Snook, 596 Clay, San Francisco.
 Filed Mar. 6, '14. Dated Mar. 3, '14.
 1/2 rough piping in..... \$2467.00
 All rough piping in..... 2465.00
 Completed and accepted..... 4930.50
 36 days after..... 3287.50
TOTAL COST, \$13,150.00
 Bond, \$6575. Surety, United States Fidelity & Guaranty Co. Limit, 30 days after plastering done. Forfeit, \$30. Plans and specifications filed.

(689) **EXCAVATING, CONCRETE**
 work, reinforcing bars, concrete foundations, curtain walls, etc., on above.
 Contractor, A. Lynch, 185 Stevenson, San Francisco.
 Filed Mar. 6, '14. Dated Mar. 3, '14.
 Payments same as above.....
TOTAL COST, \$19,250
 Bond, \$625. Surety, Aetna Accident & Liability Co. Limit, 90 days. Forfeit, \$30. Plans and specifications filed.

(690) **NE EIGHTEENTH & MISSION.**
 N 47E 100. All work except concrete, painting, steam, heating for three-story brick building.
 Owner, W. A. Halsted, 1122 Sutter, San Francisco.
 Architect, August Nordin, Mills Bldg., San Francisco.
 Contractor, A. H. Wilhelm, 180 Jessie, San Francisco.
 Filed Mar. 6, '14. Dated Mar. 4, '14.
 Brick walls up to 3rd story ceiling joists..... \$3000
 Brick work completed, finished floors laid, window frames set, piping roughed in, etc..... 4552
 Completed and accepted..... 3552
 Usual 35 days..... 3705
TOTAL COST, \$14,809
 Bond, \$7500. Surety, Maryland Casualty Co. Limit, 70 days after girders are ready for floor joists. Forfeit, \$12. Plans and specifications filed.

(691) **PAINTING, VARNISH AND**
 Linacrusta on above.
 Contractor, R. Zelinsky, 77 Clementina, San Francisco.
 Filed Mar. 6, '14. Dated Mar. 4, '14.
 Interior 1st coated, Linacrusta on..... \$340
 Completed and accepted..... 250
 Usual 35 days..... 200
TOTAL COST, \$790
 Bond, none. Limit, as fast as required. Forfeit, \$10. Plans and specifications filed.

(692) **INSTALLATION OF A STEAM**
 eating pipe system on above.
 Contractor, Scott Company.
 Filed Mar. 6, '14. Dated Mar. 4, '14.
 Completed..... \$200
 Usual 35 days..... 80
TOTAL COST, \$280
 Bond, none. Limit, 15 days after notification. Forfeit, \$10. Plans and specifications filed.

(693) **E VAN NESS AVE 67 N JACKSON**
 on L on Pacific Ave. Galvanized iron, sheet metal and leaders for two-story garage building.
 Owner, B. Davidow, 46 Kearny, San Francisco.
 Architect, O. R. Thayer, Merchants' Exchange Bldg., S. F.
 Contractor, I. Epp, 1815 Polk, S. F.
 Filed Mar. 6, '14. Dated Mar. 5, '14.
 When flashing skylights and all roof finished..... \$150
 Completed and accepted..... 150
 Usual 35 days..... 128
TOTAL COST, \$428
 Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(694) **SE HYDE AND GREENWICH E**
 100X8 68-9. Grading, concrete, reinforced steel for concrete work and glue lining for seven-story and basement steel frame apartments.
 Owner, Greenwiche Realty Co.
 Architect, T. Patterson Ross, 310 California, San Francisco.
 Contractor, R. De Luca.
 Filed Mar. 7, '14. Dated Feb. 28, '14.
 On 1st and 15th of each month 75%
 Usual 35 days..... 25%
TOTAL COST, \$28,830
 Bond, \$14,415. Surety, Massachusetts Bonding & Insurance Co. Limit, as required. Forfeit, \$40. Plans and specifications filed.

(695) **CARPENTER WORK, ETC., ON**
 above.
 Contractor, Holm & Son, 63 Post, S. F.
 Filed Mar. 7, '14. Dated Feb. 28, '14.
 On 1st and 15th of each month 75%
 Usual 35 days, 25%..... \$7250
TOTAL COST, \$29,000
 Bond, \$14,500. Sureties, Thos. E. Shumate and F. W. Herring. Limit, 90 days after interior plastering completed. Forfeit, \$40. Plans and specifications filed.

(696) **ONE PASSENGER AND THREE**
 service elevators on above.
 Contractor, Van Emon Elevator Co., 60 Natoma, San Francisco.
 Filed Mar. 7, '14. Dated Feb. 24, '14.
 Delivery of engine..... 1/2
 In position and guides and over head work in place..... 1/2
 In complete running order, Balance
TOTAL COST, \$3450
 Bond, \$2725. Surety, Pacific Coast Casualty Co. Limit, 60 days. Forfeit, \$40. Plans and specifications filed.

(697) **STRUCTURAL STEEL AND**
 erection of same on above.
 Contractor, Pacific Rolling Mill Co., Sharon Bldg., S. F.
 Filed Mar. 7, '14. Dated Feb. 28, '14.
 As work progresses..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$20,000
 Bond, \$10,000. Surety, Fidelity & Deposit Co. of Maryland. Limit, none. Forfeit, \$20. Plans and specifications filed.

(698) **PAINTING, ETC., ON ABOVE.**
 Contractor, H. Maundrea, 508 Hayes, San Francisco.
 Filed Mar. 7, '14. Dated Feb. 28, '14.
 On 1st and 15th of each month 75%
 Usual 35 days.....
TOTAL COST, \$3900
 Bond, \$1950. Sureties, J. E. Gilson and Thos. Elam. Limit, as required. Forfeit, \$20. Plans and specifications filed.

(699) **LATH AND PLASTER ON**
 above.
 Contractor, W. G. Gilmour.
 Filed Mar. 7, '14. Dated Feb. 28, '14.
 Payments same as above.....
TOTAL COST, \$13,300
 Bond, \$6650. Surety, Massachusetts Bonding & Insurance Co. Limit, as required. Forfeit, \$40. Plans and specifications filed.

(700) **ELECTRICAL WORK ON ABOVE**
 Contractor, Central Elec. Co., 185 Stevenson, San Francisco.
 Filed Mar. 7, '14. Dated Feb. 28, '14.
 Payments same as above.....
TOTAL COST, \$3700
 Bond, \$1850. Surety, Pacific Coast Casualty Co. Limit, as required. Forfeit, \$20. Plans and specifications filed.

(701) **GAS PIPING, SEWERING AND**
 plumbing on above.
 Contractor, Horace Perazzi, 110 Jessie, San Francisco.
 Filed Mar. 7, '14. Dated Feb. 28, '14.
 Payments same as above.....
TOTAL COST, \$8500
 Bond, \$4250. Sureties, J. W. Wright and Chas. Lauffer. Limit, as required. Forfeit, \$20. Plans and specifications filed.

(702) **W NOE 38-11 N Day N 25X80.**
 All work for two-story and basement frame residence.
 Owner, Edw. Connors.
 Architect, J. None.
 Contractor, Ed. Mooney, 1819 McAllister, San Francisco.
 Filed Mar. 7, '14. Dated Mar. 7, '14.
 Frame up..... \$1000
 Brown coated..... 1000
 Hard coat mortar on..... 1000
 Usual 35 days..... 1000
TOTAL COST, \$4000
 Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(703) **S CLAY 200 E Drumm E 75X8**
 119-6. Tinning and galvanized iron for addition of 3rd story to building.
 Owner, Zellerbach-Levison Co.
 Architect, J. None.
 Contractor, Harrison & Co., 769 McAllister, San Francisco.
 Filed Mar. 7, '14. Dated Mar. 3, '14.
 Lightwell in..... \$255
 Completed and accepted..... 255
 Usual 35 days..... 170
TOTAL COST, \$680
 Bond, \$340. Sureties, Jno. E. Beck and Jno. Ogle. Limit, 20 days. Forfeit, \$15. Plans and specifications filed.

(704) **E JULIAN AVE 95 N 16th N 30**
 SE 84. All work for three-story frame rooming house (40 rooms).
 Owner, Nellie O'Connor, 1941 Mission, San Francisco.
 Architect, J. None.
 Contractor, Richard Fahy, 518 Noe, San Francisco.
 Filed Mar. 7, '14. Dated Mar. 5, '14.
 Frame up..... \$2275
 Brown coated..... 2275

Completed and accepted..... 2375
Usual 35 days..... 2275
TOTAL COST, \$2910
Bond, \$4550. Surety, National Surety Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(705) N ANZA 57-6 E Ninth Ave 25x 100. All work for two-story and basement frame flats.
Owner.....J. C. Hladik. Monadnock Architect...J. C. Hladik, San Francisco.
Contractor.....H. P. Otten, 131 10th Ave., San Francisco.

Filed Mar. 7, '14. Dated Mar. 5, '14.
Roof on.....\$1180
Brown coated.....1180
Completed and accepted.....1180
Usual 35 days.....1180
TOTAL COST, \$1720
Bond, none. Limit, 70 days. Forfeit, \$5. Plans and specifications filed.

(706) W LYON 100 N Golden Gate Ave N 25xW 112-6. All work for two story and basement frame flats.
Owner.....Arthur F. Bartmann, 809 Lyon, San Francisco.
Architect.....None.
Contractor.....Leigh & Schultz, 330 8th Ave., San Francisco.

Filed Mar. 7, '14. Dated Mar. 4, '14.
Walls up and roof on.....\$1045 00
Brown coated.....1050 75
Completed and accepted.....1045 00
Usual 35 days.....1050 75
TOTAL COST, \$4191 50
Bond, \$2095.75. Surety, Fidelity & Deposit Co. of Maryland. Limit, 90 days. Forfeit, none. Plans and specifications filed.

INCORPORATIONS.

Woodarce Co. Capital Stock, \$20,000; subscribed, \$3; shares, \$1 each. Directors—J. B. Coleman, C. H. Lovell, E. Marmet, 1 share each. Place of business, San Francisco.

Auto Safety Appliance Co. Capital Stock, \$50,000; subscribed, \$3; shares, \$1 each. Directors—W. M. Myers, N. S. Stewart, J. A. McNeil, 1 share each. Place of business, San Francisco.

Keystone Hotel Co. Capital Stock, \$10,000; subscribed, \$9000; shares, \$1 each. Directors—H. G. Coburn Jr., M. E. Coburn, J. McCoy Williams, 3000 shares each. Place of business, San Francisco.

Le Cercle. Capital Stock, \$10,000; subscribed, \$30; shares, 1 each. Directors—W. von Bronk, A. de Montgela, L. A. Wettmeyer, 10 shares each. Place of business, San Francisco.

San Pablo Land Co. Capital Stock, \$300,000; subscribed, \$3000; shares, \$100 each. Directors—T. L. Ford, 26 shares; J. W. Chapman, P. C. Boehmann, C. P. Gale, B. Ford, 1 share each. Place of business, San Francisco.

Moss Beach Amusement Park Co. Capital Stock, \$200,000; subscribed, \$30,750; shares, \$10 each. Directors—W. C. J. Leetsch, H. W. Ehrlich, 1528 shares each; F. A. South, 1 share. Place of business, San Francisco.

Rialto Engineering and Construction Co. Capital Stock, \$10,000; subscribed, \$200; shares, \$10 each. Directors—A. H. Brounagel, F. E. Hummel, C. K. Hypp, 10 shares each. Place of business, San Francisco.

Keystone Land Co. Capital Stock, \$50,000; subscribed, \$25; shares, \$5 each. Directors—J. Brown, H. E. Chandler, F.

J. Bourn, G. T. Page, S. J. Miller, 1 share each. Place of business, S. F.
Ackerman Estate Co. Capital Stock, \$10,000; subscribed, \$3; shares, \$1 each. Directors—C. Ackerman, G. Ackerman and I. C. Ackerman, 1 share each. Place of business, San Francisco.
Stewart Auto Sales Co. Capital Stock, \$75,000; subscribed, \$5; shares, \$1 each. Directors—E. Stewart, F. L. Terry, W. E. Halbert, W. C. Roddich and V. G. Skinner, 1 share each. Place of business, San Francisco.

NOTICE OF NON-RESPONSIBILITY.

March 3, 1914—SE FELL AND VAN Ness Ave S 275 E 24-10 1/4 NE 171-5 1/2 N 174-9 1/2 W 164. M A C de Laveaga, Adm Estate Maria C de Laveaga, decd.; Maria Josefa Cebrian, E I or E J de Laveaga and Julia de Laveaga Welch as to improvements on leased property.
Mar. 6, 1914—S CLEMENT 32-6 W 6th Ave W 25xS 100. Eugene and Georges L Roy as to improvements on leased property.....

NOTICE OF NON-LIABILITY.

Mar. 4, 1914—NW ST. ROSE'S AND Masonic Ave — 65 W 60 S 65 E 60. Mary Egan as to improvements on leased property.....

COMPLETION NOTICES.

San Francisco.

Feb. 27, 1914—SW CALIFORNIA & Buchanan. J H Henry to Boyver & Sons.....Feb. 25, 1914
Feb. 27, 1914—W NINETEENTH AVE 215 S Clement S 25xW126. Wm H Walthall to whom it may concern.....Feb. 1, 1914
Feb. 27, 1914—S GEARY 137-6 E Mason E 37-6xS 137-6. Stewart Estate Co to Charles Floodberg and Hugh McCaffery.....Feb. 25, 1914
Feb. 27, 1914—E RAMONA AVE 140 S 14th 25x75 William A Newsom to whom it may concern.....Feb. 26, '14
Feb. 28, 1914—NE GENEVA AVE 187 SE Huron SE 30xNE 80. William and Virginia Varni to John Cerda.....Feb. 28, 1914
Feb. 28, 1914—NE SEVENTEENTH & Hampshire E 200xN 133-4. Lux School of Industrial Training to Pacific Fire Extinguisher, Jan. 5, 1914
Feb. 28, 1914—W LISBON 175 S Excelsior Ave. Ward C Brown to whom it may concern.....Feb. 27, '14
March 2, 1914—N VALLEJO 99 W Laguna W 106xN 127-6. Alma Spreckels to J W Carr.....Feb. 20, 1914
March 2, 1914—N MISSION 260 E 5th E 40xN 100. H Baker Fisher to Macdonald & Kahn.....March 2, 1914
March 2, 1914—W RHODE ISLAND 225 S 20 S 25xW 120. Afecmia & Nicholas Fadeeff to whom it may concern.....Feb. 20, 1914
March 2, 1914—W THIRTEENTH AV 175 S Judah S 25xW 120. Emil Nelson to whom it may concern.....March 2, 1914
March 2, 1914—N UNION 50 W Montgomery. Michele Boggiani to G Ferroni & Son.....Feb. 20, 1914
March 2, 1914—SE POWELL ANJ Pacific S 67-6x E 22-6. Moritz Silverman to Rosario De Luca.....Feb. 27, 1914
March 3, 1914—N OAK 157-6 W Van

Ness Ave W 89-9 N 120 E 68-9 S 40 E 68-9 S 40 E 21 S 80. The Young Men's Inst. Hall Ass'n to Colusa Sandstone Co. Feb. 25; Central Iron Works.....Feb. 25, 1914
March 2, 1914—S LOMBARD 42-6 E Child 22x107-6. Jos A Fiorini to Delenediti & Cuneo.....Feb. 25, 1914
Mar. 5, 1914—E TAYLOR 89-9 S Clay S 25x E 80. James Ward to Charles Colburn.....Mar. 4, 1914
March 3, 1914—E DOLORES 118 S 18th. Nellie Donnelly to John J Binet Court.....March 2, 1914
March 3, 1914—W TWENTY-FIFTH Ave 175 S Lincoln Way S 25xW 120. David Houle to T E Mohler.....March 3, 1914
March 3, 1914—W CASTRO 26-6 N Day N 25xW '05. A G Sala to whom it may concern.....Feb. 20, 1914
Mar. 4, 1914—N McALLISTER 30-1 W Gough W 34-1xN 100. Marks Bros to Jos Kaiser and A H Leaf (as Leaf & Kaiser).....Feb. 28, 1914
Mar. 4, 1914—N WASHINGTON 70 E Davis E 40 N 60 W 20 N 60 W 20 S 120. Alfred Gonzalez to Thos H Day's Sons.....March 3, 1914
Mar. 4, 1914—SE PINE & LEAVEN-worth E 37-6xS 87-6. Theo E Rufts to De Croupet & Hyrup.....Mar. 3, 1914
Mar. 4, 1914—N CORNWALL 85 W Second Ave W 25xN 99-40. Ethel.....Feb. 23, 1914
Mar. 4, 1914—N CALIFORNIA 77-6 W Front W 60-8 1/2xN 127-6. The Hind Estate Co to R B Moore Mill & Lumber Co.....Mar. 3, 1914
Mar. 5, 1914—SE LAKE AND 25TH Ave E 30x100. Thos Seoble to whom it may concern.....Mar. 1, 1914
Mar. 6, 1914—E THIRTY SEVENTH Ave 125 S Lincoln Way E 120xS 25. A Fell to A M Walker.....Jan. 9, 1914
Mar. 6, 1914—S JOIN 183-6 E Mason 23x60. Conrad P Herrmann to P Prasso.....Mar. 6, 1914
Mar. 6, 1914—WASHBURN 192-6 N Howard Nos. 36-38 Washburn. Jas L Andrews to whom it may concern.....Mar. 2, 1914
Mar. 6, 1914—LOT 30 BLK 12 Crocker Amazon Tract. Albert Mattson to whom it may concern.....Mar. 6, 1914
Mar. 6, 1914—NW VAN NESS AVE & Henlock N 60xW 109-9. M Fisher to whom it may concern.....Mar. 6, 1914
Mar. 6, 1914—SE THIRTEENTH AV and Lake S 100x E 32-6. C B Harrison to whom it may concern.....March 6, 1914
Mar. 6, 1914—N LOMBARD 101-3 W Devisadero W 75xN 137-6. Ella May Burke and Jas J Burke to whom it may concern.....Mar. 2, 1914

LIENS FILED

San Francisco.

Feb. 27, 1914—NE CALIFORNIA AND Ellick Lane E 60xN 77-6. Golden Gate Structural Iron Works, \$245; Eureka Sash, Door & Moulding Mills, \$548.38 vs Ludwig Biesch and Michael Dempliak.....
Feb. 27, 1914—NW TOWNSEND AND Seventh W 275xN 275. E A Balling, \$177.55; Lowry & Daly, \$20; vs R Rosenberg & Sons Co. Cora J Flood and James E Walsh
Feb. 27, 1914—E LYON 85-0 1/4 S Lombard E 101-4x N 24-1 1/4 W 100-5 1/4. F Gottlicher and A J Teckle (as United Lighting Fix-

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San Francisco

ture Co) vs Louis Blumberg...\$38
Feb. 27, 1914—E THIRTY-SEVENTH
Ave 125 N Irving N 25xE 120. A
Curran vs Anna Bellanco and C
Bellanco.....\$190
Feb. 28, 1914—NE CALIFORNIA &
Ellick Lane E 60xN 77-6. A Ber-
tolino vs Ludwig Bress.....\$295
Mar. 2, 1914—NW TOWNSEND AND
Seventh W 275xN 275. L Hurabielle
(as Hurabielle Bros) vs A Rosen-
berg & Sons Co and W C Boswell...\$25
Mar. 2, 1914—E THIRTY-SEVENTH
Ave 125 S H (Lincoln Way) S 25x
E 120. Friedman Bros vs A M
Wallen and A Belli.....\$60
Mar. 2, 1914—E LYON 85-0½ S Lom-
bard S 24-11½ E 101-4½ N 24-11½
W 115-0½. Dresser-McDonnell &
Co, \$31; Kirwan & Donovan, \$31.60
vs Louis Blumberg and Marcus &
Barnett.....\$415
Mar. 2, 1914—LOT 111 BLK 21 Mis-
sion and 30th St. Hd Univ described
in contract as Lot 114 Blk 24 Mis-
sion St. Hd Univ. William Wolff
vs William Biber and Joseph
Marchus and H Barnett.....\$15
Mar. 2, 1914—LOT 111 BLK 24 Mis-
sion and 30th St. Hd Univ. Kirwan
& Donovan vs William Biber and
Marcus & Barnett.....\$73.40
Mar. 2, 1914—E TWENTY-THIRD
Ave 90 S Ulloa S 30xE 120 J P
Leiden Mill Co vs Frank C Keefe
and Am Van Herick.....\$400
Mar. 2, 1914—E TWENTY-THIRD
Ave 90 S U (Ulloa) S 30xE 120
Keefe and Wm Van Herick \$462.34
Mar. 3, 1914—N CALIFORNIA 112-6
W Spruce. Blin & Tredici, \$112.50;
Excelsior Plumbing Co, \$270 vs

John F. Hiner.....\$45.50
Mar. 4, 1914—E LYON 85-0½ S Lom-
bard E 101-4½ S 24-11½ W 101-0½
N to beg. John Cassaretto vs Louis
Blumberg and Marcus & Barnett
and J Marcus & Co.....\$48.50
Mar. 4, 1914—E LYON 85-0½ S Lom-
bard S 23 E 101-4½ N 24-11½ W
100-5½. Eureka Sash, Door &
Moulding Mills vs Louis Blumberg,
Joseph Marcus and H Barnett (as
Marcus & Barnett).....\$134.75
Mar. 4, 1914—E MASON 82-6 S Fran-
cisco S 27-6xE 87-6. G Blanchini
vs S Antonelli & Giovanni Ghiselli
.....\$41.50
Mar. 4, 1914—E LEAVENWORTH
112-6 S Eddy S 25xE 87-6. Main
Street Planing Mill vs Jacob Vitis
.....\$1500
Mar. 4, 1914—E LYON 85-0½ S Lom-
bard S 25x100 m or l. Brittain &
Co vs Joseph Marcus and H Barnett
and Louis Blumberg.....\$84.57
Mar. 5, 1914—E LYON 85-0½ S Lom-
bard E 101-04½ S 24-11½ W
101-5½ N to beg. J S Guerin & Co
vs Louis Blumberg and Marcus &
Co.....\$80.50
Mar. 5, 1914—E LYON 85-0½ S Lom-
bard S 25x100. Reinhart Lumber
& Planing Mill Co vs Jos Marcus,
H Barnett & Louis Blumberg \$72.15
Feb. 26, 1914—W TOWNSEND AND
Seventh SW 170xNW 200. Hab-
enicht & Howlett, \$108.40; Califor-
nia Mill Co, \$214.44; National Elec.
Co, \$61.70 vs R Rosenberg & Sons
Co and W C Boswell.....\$46
Feb. 26, 1914—W TOWNSEND AND
Seventh SW 170xN 200. J B Ayres
vs R Rosenberg & Sons Co and W
C Boswell.....\$46

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architects, Willis Folk & Co., Merchants' Exchange Bldg., S. F. Owner, T. Ronneberg, 2939 Pine avenue, Berkeley. The dwelling will be erected on the Tunnel road and has been designed for a ten-room house with three baths and sleeping porches. Interior finish will be of pine, redwood and hardwood. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath rooms will be finished in tile with composition floors. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who is now taking figures on the work.

RESIDENCE—2 story and base, frame, \$3,500. Oakland, Cal. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner, M. C. Vaughn. The dwelling will be erected in the Fourth Avenue Terrace and has been designed to contain seven rooms and bath. Pine, redwood and some hardwood veneer will be used for interior finish. Oak floors are specified for the living room, dining room and reception hall. Plans provide for furnace heat, open fire places and automatic water heater. Mantels will be of tile or brick. Bath room will be finished in tile with composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared and when complete the work will be done by Day Labor.

RESIDENCE—2 story and base, frame. Cost not stated. Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Dr. Shannon. The dwelling will be erected in East Piedmont and will contain eight rooms, baths and sleeping porches. Interior will be finished in pine, redwood and some hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and out for figures.

RESIDENCE—2 story and base, frame, \$1,000. Oakland, Cal. Architect, Claude E. Barton, Security Bank Bldg., Oakland. Owners, Newman and Wilkinson. The dwelling will be erected at the corner of Bryant and College avenue and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

RESIDENCES—2, 2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John

Hudson Thomas, First National Bank Bldg., Berkeley. Owner, E. L. Peters. These two houses will each contain seven rooms, bath and sleeping porch. Interiors will be finished in pine, redwood and hardwood veneer. Oak floors will be used in the living rooms, dining rooms and reception halls. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have tile wainscot and composition floors. Tile wainscot will also be used in the kitchens. Automatic water heaters will be installed. Exterior will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE — 2 story and base, frame, \$5,000. Oakland, Cal. Architects, Realty Syndicate, Realty Syndicate Bldg., Oakland. Owner, Mr. Morehouse. The dwelling will be erected in the Arbor Villa Tract, and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the living room and dining room. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

BUNGALOW — 1½ story and base, frame, \$2,500. Oakland, Cal. Architect, none. Owner, W. A. Farris, 16 Monte Vista avenue, Oakland. The dwelling will contain six rooms, bath and sleeping porch, and will be erected in Broadway near College avenue. All interior trim will be of pine or redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and a large open fire place. Mantel will be of brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$1,600. Oakland, Cal. Architect, none. Owner, J. A. Brett, 727 58th street, Oakland. The dwelling will be erected on the west side of Santa Clara avenue south of Crescent street, and will contain seven rooms and bath. Interior finish will be largely of pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and composition floor. Tile wainscot will also be used in the kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$1,000. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, E. F. Joyce, 544 Irving street, S. F. The dwelling will be erected on the east side of Carlton street south of Prospect, and has been designed for a seven-room house with

bath and sleeping porch. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room and kitchen. Composition floors are specified. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$3,000. Oakland, Cal. Architect, none. Owner, J. D. Foster, 1715 Telegraph avenue, Oakland. The dwelling will contain eight rooms and bath, and will be erected on Terrace street south of Mather. Interior finish will be of pine throughout. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE — 2 story and base, frame. Cost not stated. Oakland, Cal. Architect, Frank S. Forster, 1417 Arch street, Berkeley. Owner, Harry A. Encell. The dwelling will be erected in the Fourth Avenue Terrace and has been designed to contain seven rooms, bath and sleeping porch. Pine and redwood interior finish will be used. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Tile wainscot and composition floor will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

BUNGALOWS — 20, 1 story and base, frame, \$1,500 to \$2,000. Oakland, Cal. Architect, none. Owners, Oakland Homes Corporation, First National Bank Bldg., Oakland. These houses will be erected in Redwood Court at 35th avenue on a large tract recently purchased. The smaller houses will contain five rooms and the larger ones six and seven rooms. Interior finish will be of pine and redwood. Some oak floors will be used. There will be open fire places and brick and tile mantels. Bath rooms will be finished in tile and will have composition floors. Exterior will be covered with rustic, cement plaster on metal lath and shingles. Plans are in the hands of the owners and work will be started at once. Materials are now being purchased.

RESIDENCE — 2 story and base, frame. Cost not stated. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, Edward Lawlor. The dwelling will be erected in Piedmont by the Lake Tract, and has been designed for an eight-room house with bath and sleeping porch. Interior finish will be of pine and redwood with some hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and

brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Composition floor will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE — 5 story and base, brick and steel, \$85,000. Berkeley, Alameda Co., Cal. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, George Clark and J. A. Elston, 918 Market street, S. F. The building has been mentioned in these columns before and will be erected at the southeast corner of Durant and Telegraph avenue. The building will cover a considerable ground area, and will contain a total of 78 rooms, which will be arranged in two and three room suites with private baths. Interior will be finished in pine and elm panels. Some oak floors will be used. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. All suites will have wall beds. Bath rooms will be finished in tile and will have composition floors. Exterior of the building will be faced with pressed brick. Marble and tile will be used in the lobby and vestibule. Plans are complete and segregated figures are being taken on the various parts of the work.

FLATS — 2 story and base, frame, \$10,000. Oakland, Cal. Architect, F. D. Voorhees, Central Bank Bldg., Oakland. Owner's name withheld. The building, designed for residential flats, will contain four flats of five and six rooms. Interiors will be handsomely finished in pine, redwood and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

FIRE HOUSES — 3, 2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, City of Berkeley. These buildings will be erected on Le Roy avenue, Ellis street and Claremont avenue. Each building will contain space for two pieces of apparatus and quarters for the men. Interiors will be finished in pine throughout. There will be special plumbing and electric work. Exterior will be covered with cement plaster on metal lath. Plans have received the approval of the City Council and bids are now being taken. Figures will be opened on March 27th.

RESIDENCE — 2 story and base, frame, \$3,000. Oakland, Cal. Architect, Alvin J. Stern, 1522 Broadway, Oakland. Owner, A. P. Anderson. The dwelling will be erected at the corner of Clifton and Manila streets, and has been designed for a six-room house with bath. All interior finish will be of pine or redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room. Mantel will be of brick. Tile wainscot and composition floor will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be

covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

THEATRE—2 story and base, brick and steel, \$10,000. Berkeley, Alameda Co., Cal. Architect, Hiram Kink Lowell. Sout. Berkeley Bank Bldg., Berkeley. Owners, Lorin Photo Play Co. The building will be erected on Adelaide street north of Felton and has been designed for a fireproof show house. Interior will be arranged for a main auditorium seating in the neighborhood of 1,200 people. Pine and ornamental plaster will be used for interior finish. There will be a modern system of heating and ventilating. Exterior of the building will be faced with pressed brick. Considerable marble, tile and plate glass will be used. Plans are now being prepared.

STORES AND OFFICES—2 story and base, brick and steel. Cost not stated. Oakland, Cal. Architect, William Wilde, Albany Block, Oakland. Owner, Clanciarulo. This building, which will be erected on Broadway north of 17th street, has been mentioned here before. Steel frame and foundations are designed to carry additional stories. There will be several stores on the first floor and a number of modern offices on the second floor. Interior finish will be of pine and hardwood. There will be steam heat, metal window sash and frames and patent store fronts. Exterior of the building will be faced with pressed brick. Revised plans are again out for figures.

APARTMENT HOUSE ALTERATIONS—Frame construction, \$6,000. Alameda, Alameda Co., Cal. Architect, Leonard H. Ford, 2136 Center street, Berkeley. Owner's name withheld. The present two-story frame residence on San Antonio avenue will be altered and rearranged for modern apartments of two and three rooms. The work will include new plastering, partitions, plumbing, painting, electric work and mill work. Interior finish will be of pine throughout. There will be wall beds and private bath rooms. Exterior of the building will also undergo alterations. Plans are being prepared and figures will be called for shortly.

Contracts Awarded.

MUNICIPAL AUDITORIUM—2 story and base, Class A construction, \$1,000,000. Oakland, Cal. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Contractors, Christensen Bros., 237 Wayne avenue Oakland. Note: This contract covers only the preparation of the site, granite work and setting. Contract price, \$196,350.

TELEPHONE EXCHANGE—3 story and base, reinforced concrete, \$10,000. Oakland, Cal. Architect, Cobby, 333 Grant avenue. S. F. Owners, Pacific States Telephone and Telegraph Co. Contractor, W. G. Thornally, 3027 East 16th street, Oakland. Contract price, \$10,000.

Building Contracts Awarded

Oakland.

No.	Owner	Contractor	Am't.
457	Fuller.....Chase		3000
458	Johnson.....Bruce		1900
459	McArthur.....McArthur		2000
460	Zaretera.....Laughland		500
463	Parker.....Cederborg		4931

464	Bernamayou.....Flittner	1400
465	Courtney.....Courtney	400
466	Doty.....Sommarstrom	2500
467	Michaelsen.....Michaelsen	1600
468	Connell.....Connell	2380
469	Helbush.....Walker	2380
470	Brett.....Brett	1300
471	Anderson.....Anderson	400
472	Stillwell.....Harris	8000
473	Vaughn.....Vaughn	2500
474	Whalen.....Whalen	2500
475	Foster.....Foster	3000
476	Fischer.....Fischer	4000
477	Shomig.....Shomig	1200
478	Wise.....Wise	2500
480	Same.....Same	2500
481	Same.....Same	2500
482	Larsen.....Hoard	1000
483	Dessum.....Williams	2000
484	Wicks.....Wicks	250
486	Union.....Wilkie	30000
495	Burger.....Barkes	400
491	Barlow.....Drennan	2250
493	Gonsalves.....Silva	400
494	Grenner.....Grenner	500
495	Appledon.....Appledon	400
496	Newman.....Wilkinson	2000
497	Mayer.....Olson	400
498	Same.....Same	1800
499	Lehman.....Lehman	2500
500	Rozarza.....Brunetti	1425
501	Keefer.....Lindeblad	3700
502	Fuller.....Chase	3000
503	Clanciarulo.....Maestretti	1429
504	Battate.....Paulkes	2120
506	Montagne.....Converse	500
508	Rischmuller.....Stewart	3600
509	Walker.....Walden	400
510	Ballard.....Bayliss	700
511	Bell.....Dowd	400
512	Briggs.....Burnell	40
513	Porter.....Stewart	50
514	Heeseman.....Anderson	500
515	Horn.....McCreary	26745
517	McCrohan.....Atherly	1600
518	Clasen.....Sundberg	1000
519	Verrill.....Peterson	1950
520	Lusan.....Perona	1600
521	Matrat.....Williamson	2650

(457) N DELAWARE 200 W Spruce. Oakland. One-story 6-room dwelling.

Owner.....H. M. Fuller, 1444 79th Ave., Oakland.

Architect.....None.

Contractor.....A. B. Chase, 1521 79th Ave. Oakland

COST, \$3000

(458) E CONGRESS AVE. 500 N. Ignacio, Oakland. One-story five-room dwelling.

Owner.....Annie M. Johnson, 1926 Sutter, San Francisco.

Architect.....None.

Contractor.....J. C. Bruce, 5227 Wentworth Ave., Oakland.

COST, \$1900

(459) S FIFTIETH 99 S Shafter Ave., Oakland. One-story 5-room dwlg.

Owner.....Chas. McArthur, 352 50th. Oakland.

Architect.....None.

Day's work.....

COST, \$2000

(460) SE SEVENTH & BROADWAY. Oakland. Repairs.

Owner.....Pete Zaretera, Premises.

Architect.....None.

Contractor.....Jno. Langhland, 515 Bellevue, Oakland.

COST, \$500

(463) LOT 1 BLK "C" Map Fourth Ave Park, Oakland. All work for two-story and basement dwelling.

Owner.....E. M. F. Parker and W. McFarland, 379 23rd. Oakland

Architect.....Chas. W. McCull, Central Bank Bldg., Oakland.

Contractor.....Cederborg & Anderson, 1633 Poplar, Oakland.

Filed Mar. 2, '14. Dated Feb. 27, '14.

Frame up, roof sheathed, brick chimney built.....\$1232

Brown coated.....232

Completed and accepted.....1232

Usual 35 days.....1235

TOTAL COST, \$4921

Bond, \$——. Surety, American Surety Co. Limit, 35 days after filing. Forfeited, none. Plans and specifications filed.

(161) SE TWENTY-FOURTH AVE. 33½ SW E-15th SW 35xSE 107, Oakland. All work for one-story dwelling.

Owner.....Josephine Bernamayou, 2432 E-14th, Oakland.

Architect.....None.

Contractor.....Jos. Flittner, 1700 35th Ave., Oakland.

Filed Mar. 2, '14. Dated Mar. 2, '14.

Usual 35 days.....\$1400

TOTAL COST, \$1400

Bond, none. Limit, 90 days after Mar. 5. Forfeited, none. Plans and specifications filed.

(465) NO. 770 TWENTY-FIRST (rear) Oakland. One-story 3-room dwlg.

Owner.....W. F. Courtney, Premises.

Architect.....None.

Day's work.....

COST, \$400

(466) E VALLE VISTA AVE 431 N. Elwood Ave., Oakland. One-story 5-room dwelling.

Owner.....L. E. Doty, 402 Grand Ave., Oakland.

Architect.....None.

Contractor.....Sommarstrom Bros., 202 E-12th, Oakland.

COST, \$2600

(467) E RICHMOND AVE 100 S 29th, Oakland. One-story 4-room dwlg.

Owner.....M. Michaelsen, 44 Moss Ave., Oakland.

Architect.....None.

Day's work.....

COST, \$1600

(468) S FIFTIETH 137 E Lawton, Oakland. One-story 5-room dwlg.

Owner.....T. C. Connell, 1613 Telegraph Ave., Oakland.

Architect.....None.

Day's work.....

COST, \$2350

(469) S FIFTIETH 36 E Lawton, Oakland. One-story 5-room dwlg.

Owner.....H. H. Helbush, 929 Camella Berkeley.

Architect.....None.

Contractor.....W. A. Walker, 1613 Telegraph Ave., Oakland.

COST, \$2380

(470) W SANTA CLARA AVE 125 S. Crescent, Oakland. Two-story seven room dwelling.

Owner.....J. A. Brett, 727 59th, Okd.

Architect.....None.

Day's work.....

COST, \$4500

(471) NO. 1825 FRUITVALE AVE., Oakland. Stable.

Owner.....J. S. Anderson, Premises.

Architect.....None.

Day's work.....

COST, \$400

(472) SW FRUITVALE AVE AND Hopkins, Oakland. One-story stores.

Owner.....Grace L. Stillwell, 3361 Fruitvale Ave., Oakland.

Architect.....None.

Contractor.....Harris & Hudson, 1957 E-38th, Oakland.

COST, \$5000

(473) N VISTA 80 E Everett, Oakland.
Two-story 6-room dwelling.
Owner.....M. C. Vaughn, 5833 Ayala,
Oakland.
Architect...Hutchinson Bros., 470 13th
Oakland.
Day's work. COST, \$2500

(474) S PLEASANT VALLEY 670 E
Piedmont Ave., Oakland. One-story
frame dwelling.
Owner.....J. F. Whalen, 1542 Broad-
way, Oakland.
Architect...None.
Day's work. COST, \$2500

(475) W TERRACE 250 S Mather,
Oakland. Two-story 8-room dwlg.
Owner.....J. D. Foster, 1715 Tele-
graph Ave., Oakland.
Architect...None.
Day's work. COST, \$3000

(476) E CARLTON 269 S Prospect Ave
Oakland. Two-story 7-room dwlg.
Owner.....E. F. Joyce-Fisher, 544
Irving, San Francisco.
Architect...Elite Planners, 1844 5th
Ave., Oakland.
Day's work. COST, \$4000

(477) S THOMPSON 155 W 47th Ave.,
Oakland. One-story 4-room dwlg.
Owner.....A. Shomig, 5831 Noble, Okd
Architect...None.
Day's work. COST, \$1200

(479) NW ATHOL AVE 250 S Brook-
lyn Ave., Oakland. One-story five-
room dwelling.
Owner.....H. D. Wise, Commercial
Bldg., Oakland.
Architect...None.
Contractor...Max W. Koenig, 444 11th,
Oakland?
COST, \$2500

(480) W HADDEN ROAD 90 S Brook-
lyn Ave., Oakland. One-story five-
room dwelling.
Owner.....H. D. Wise, Commercial
Bldg Oakland.
Architect...None.
Contractor...Max W. Koenig, 444 11th,
Oakland.
COST, \$2500

(481) E HADDEN ROAD 320 S Brook-
lyn Ave., Oakland. One-story five-
room dwelling.
Owner.....H. D. Wise, Commercial
Bldg., Oakland.
Architect...None.
Contractor...Max W. Koenig, 444 11th,
Oakland.
COST, \$2500

(482) NO. 9319 HOLLY, Oakland.
Alterations.
Owner.....Albert Larsen,
Architect...None.
Contractor...M. Hoard, 1527 94th Ave.,
Oakland. COST, \$1000

(483) S FORTY-FOURTH 710 E Grove
Oakland. One-story 5-room dwlg.
Owner.....Wm. H. Dessum, 2557 San
Pablo Ave., Oakland.
Architect...None.
Contractor...F. J. Williams.
COST, \$2000

(484) W MADISON 25 S 8th, Oakland.
Two-story 12-room flats.
Owner.....Mrs. H. Wicks, 579 27th,
Oakland.

Architect...None.
Contractor...Harry Wicks, 579 27th,
Oakland.
COST, \$2800

(486) NE TWENTY-SECOND AND
Filbert, Oakland. Brick and concrete
ice factory.
Owner.....Union Ice Co., 354 Pine,
San Francisco.
Architect...None.
Contractor...Andrew Wilkie Co., 519
California St.
COST, \$30,000

(488) SE DESMONT AND CLIFTON,
Oakland. Two-story 7-room dwlg.
Owner.....F. W. Burger, 858 52nd,
Oakland.
Architect...None.
Contractor...C. E. Burkes, 5117 Genoa,
Oakland.
COST, \$3000

(491) N GARLAND AVE 125 E Fair-
mont Ave., Oakland. One-story 6-
room dwelling.
Owner.....A. H. Barlow, Oakland.
Architect...None.
Contractor...M. Drennan, 3338 Arkan-
sas, Oakland.
COST, \$2250

(492) NO. 1519 FIFTH, Oakland.
Alterations.
Owner.....J. Gonsalves, Premises.
Architect...None.
Contractor...M. Silva, 1638 5th, Okd.
COST, \$400

(494) N MANDANA 400 E Paula, Oak-
land. Garage.
Owner.....W. M. Greuner, 414 14th,
Oakland.
Architect...None.
Day's work. COST, \$500

(495) NO. 51 EIGHTH, Oakland. Re-
pairs.
Owner.....C. A. Appledon, Premises.
Architect...None.
Day's work. COST, \$400

(496) E BRYANT AVE 40 N College
Ave., Oakland. One-story 5-room
dwelling.
Owner.....Newman & Wilkinson, 1754
Broadway, Oakland.
Architect...None.
Day's work. COST, \$2000

(497) SW HARRISON & BELMONT,
Oakland. Garage.
Owner.....Dr. J. J. Moyer, 212 Thayer
Bldg., Oakland.
Architect...None.
Contractor...Ole Olsen.
COST, \$400

(498) SW HARRISON & BELMONT,
Oakland. Addition.
Owner.....Dr. J. J. Moyer, 212 Thayer
Bldg., Oakland.
Architect...None.
Contractor...Ole Olsen.
COST, \$1800

(499) E DOLORES AVE 390 N El
Centro Ave., Oakland. One-story 6-
room dwelling.
Owner.....J. Lehman, 959 Appgar, Okd
Architect...None.
Day's work. COST, \$2500

(500) NO. 554 FORTY-SECOND, Oak-
land. One-story 6-room dwlg.

Owner.....F. Roalson, Oakland.
Architect...None.
Contractor...G. Burnett, 443 43rd, Okd.
COST, \$1425

(501) W SAN SEBASTIAN AVE 200 S
Hollywood, Oakland. One and one-
half-story 6-room dwelling.
Owner.....Claude R. Keefer, Cor.
Newton and Hanover Ave.,
Oakland.
Architect...None.
Contractor...P. Lindeblad, 3822 Ran-
dolph Ave., Oakland.
COST, \$3700

(502) N DELAWARE 200 W Maple,
Oakland. One and one-half-story 8-
room dwelling.
Owner.....H. M. Fuller, 1444 73th Av
Oakland.
Architect...None.
Contractor...A. B. Chase, 1521 79th Ave.,
Oakland.
COST, \$3000

(503) W BROADWAY 125 N Birnie N
25 W 127-8, Oakland. Excavation
for two-story Class "C" store and of-
fice building.
Owner.....B. and M. Cianciarulo, Okd
Architect...W. M. Wilde, Albany Bld.,
Oakland.
Contractor...Maestretti & Younger,
Oakland.
Filed Mar. 5, '14. Dated Mar. 5, '14.
1st day of each month..... 75%
Usual 33 days..... 25%
TOTAL COST, \$1429
Bond, \$750. Surety, Fidelity & De-
posit Co. Limit, 20 days. Forfeit, \$10.
Plans and specifications filed.

(504) LOT 8 BLK 15 Map Warner
Tract being S Cherry, bet 94th and
96th Aves., Oakland. All work for
one-story dwelling.
Owner.....H. J. Batteate, Oakland.
Architect...None.
Contractor...John R. Faulkes, 9828 E-
14th, Oakland.
Filed Mar. 5, '14. Dated Jan. 28, '14.
Frame up and rafters on.....\$525
1st coat exterior plaster on..... 525
Completed 525
Usual 33 days..... 543
TOTAL COST, \$2120
Bond, none. Limit, 60 days after Feb.
1. Forfeit, none. Plans and specifica-
tions, none.

(506) LOT 4 BLK 2 Map Haddon Hill,
Oakland. All work for two-story and
basement dwelling.
Owner.....Eliza Henry Montagne.
Architect...H. P. Smith, Blake Bld.,
Oakland.
Contractor...Wm. Converse, 554 62nd,
Oakland.
Filed Mar. 4, '14. Dated Mar. 3, '14.
Owner to pay all bills weekly...
TOTAL COST, \$5000
Bond, none. Limit, 80 days. Forfeit,
none. Plans and specifications filed.

(508) E GROVE 120 S 42nd, Oakland.
Brick garage.
Owner.....Geo. Rischmuller, 852 37th
Oakland.
Architect...None.
Contractor...B. A. Stewart, 616 41st,
Oakland.
COST, \$3600

(509) NO. 3807 RHODA AVE., Oak-
land. Addition.

Owner....D. P. Walker, Premises.
Architect...None.
Contractor...H. F. Walden, 2977 School,
Oakland.

COST, \$600

(510) NO. 443 FOURTEENTH, Oakland
Alterations.

Owner.....Jas. Ballard, Premises.
Architect...None.
Contractor...Corbett & Bayless, 1110
Franklin, Oakland.

COST, \$400

(511) NO. 2625 TWENTY-SIXTH AVE.,
Oakland. Repairs.

Owner.....Robert Bell, S. F.
Architect...None.
Contractor...Thos. F. Dowd, 728 Chest-
nut, Oakland.

COST, \$700

(512) NO. 730 GRAND AVE., Oakland.
Garage.

Owner.....F. A. Briggs, Cr Sherman
Clay Co., Oakland.
Architect...None.
Contractor...B. B. Burnett, 208 Pan-
tages Bldg., Oakland.

COST, \$400

(513) NO. 1421 BROADWAY, Oakland.
New floor.

Owner.....F. E. Porter, 1220 Broad-
way, Oakland.
Architect...None.
Contractor...B. A. Stewart, 616 41st,
Oakland.

COST, \$500

(514) NW FIFTEENTH AND WASH-
ington, Oakland. Alterations.

Owner.....Chas. J. Heeseman, Plaza
Bldg., Oakland.
Architect...None.
Contractor...Jno. Anderson, 1424 Broad-
way, Oakland.

COST, \$500

(515) S ELM (or 24th) 350 W Tele-
graph Ave W 50 S 140 E 50 N 140-6,
Oakland. All work for three-story
60-room frame apartment house.

Owner.....M. M. Horn, San Francisco
Architect...None.
Contractor...McCreary & Sampson, 6506
Wheeler, Oakland.

Filed Mar. 6, '14. Dated Mar. 4, '14.

1st interior coat plaster on....\$5700
Completed and accepted.....5700
Usual 35 days.....7345
Balance 2nd mortgage given to
Mr. Hugh Hogan.....8000

TOTAL COST, \$26,745

Bond, \$13,400. Surety, U. S. Fidelity &
Guaranty Co. Limit, 120 days after
March 11. Forfeit, none. Plans and
specifications filed.

(517) E FIFTY-SEVENTH AVE 35 N
Elizabeth, Oakland. One-story five-
room dwelling.

Owner.....Jas. J. McCrohan.
Architect...None.
Contractor...P. H. Atherley, 5467 Wa-
dean Place, Oakland.

COST, \$1600

(518) NO. 322 WALSWORTH, Oakland
Alterations.

Owner.....John A. Classen, Premises.
Architect...None.
Contractor...E. Sundberg, 595 17th,
Oakland.

COST, \$1600

(519) N PRINCETON 115 E Fairfax,
Oakland. One-story 5-room dwlg.

Owner.....S. L. Verrill, 1421 Market,
Oakland.
Architect...None.
Contractor...T. S. Peterson, 2035 1/2
Parker, Oakland.

COST, \$1950

(520) 106TH AVE 55 N Grafton, Oak-
land. One-story 4-room dwelling.

Owner.....W. J. Lusan, Redwood City
Architect...None.
Contractor...John Perona, 674 19th,
Oakland.

COST, \$1600

(521) LOTS 10, 11, 12, 13, 14, 15 BLK
"L" Laurel Grove Park, Oakland. All
work for two-story dwelling.

Owner.....A. Matrat, 3220 Florida,
Oakland.
Architect...None.

Contractor...E. M. Williamson, Okd.
Filed Mar. 7, '14. Dated Mar. 6, '14.
1st day of each month.....75%
Usual 35 days.....25%

TOTAL COST, \$2050

Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

Building Contracts Awarded

Berkeley.

No.	Owner	Contractor	Am't.
450	Elston	Gaspard	18550
451	Same	Cal Constr	4300
452	Same	Price	350
453	Same	Poulsen	8402
454	Same	Farias	1423
455	Same	Mork	4050
456	Same	Webb	10500
457	Anderson	Anderson	1000
458	Michels	Allen	400
478	Ronneberg	Ronneberg	5000
485	Smith	De Kay	1000
487	Macine	Engler	3540
492	Merrill	Grant	400
505	Tasheira	Boldt	13990
507	Brown	Salmrain	5956

(450) SE TELEGRAPH & DURANT
Aves Un along E In Telegraph Ave 90
E 110, Berkeley. Carpenter work.
Lumber for framing and furring.
mill work, sash and doors, stair work
sliding doors, ironing boards, floor-
ing, rough hardware, anchors, etc.,
for five-story Class "C" apartment
house.

Owner.....J. A. Elston, 2334 Bowditch
Berkeley and George Clark
948 Market, S. F.

Architect...W. H. Ratcliff Jr., 1st Na-
tional Bank Bldg., Bkly.
Contractor...Gaspard & Hammond,
Sharon Bldg., S. F.

Filed Mar. 2, '14. Dated Feb. 9, '14.
1st day of each month.....75%
Usual 35 days.....25%

TOTAL COST, \$18,350.20

Bond, \$9175.10. Surety, Southwestern
Surety Ins. Co. Limit, 80 days. For-
feit, \$20. Plans and specifications filed.

(451) STRUCTURAL STEEL WORK
on above.

Contractor...California Constr. Co., 681
Market, San Francisco.

Filed Mar. 2, '14. Dated Feb. 3, '14.
Completed and accepted.....\$3225
Usual 35 days.....1075

TOTAL COST, \$4300

Bond, \$2150. Surety, Pacific Coast
Casualty Co. Limit, 10 days. Forfeit,
\$15. Plans and specifications filed.

(452) TAR AND GRAVEL ROOFS ON
above.

Contractor...H. D. Samuels Co. Thomas
H. Price Co., Successors,
1624 Telegraph Ave., Okd.

Filed Mar. 2, '14. Dated Feb. 13, '14.
Completed and accepted.....\$260
Usual 35 days.....90

TOTAL COST, \$350

Bond, none. Limit, 20 days. Forfeit,
none. Plans and specifications filed.

(453) PLUMBING ON ABOVE.

Contractor...A. H. Poulsen, 2444 Shat-
tuck Ave., Berkeley.

Filed Mar. 2, '14. Dated Feb. 13, '14.
1st day of each month.....75%
Usual 35 days.....35%

TOTAL COST, \$8402

Bond, \$4201. Surety, American Surety
Co. Limit, 80 days. Forfeit, \$20. Plans
and specifications filed.

(454) IMITATION STONE WORK ON
above.

Contractor...Farias Bros., 2030 Ashby
Ave., Berkeley.

Filed Mar. 2, '14. Dated Feb. 17, '14.
Stone on site.....\$750
Set and accepted.....313
Usual 35 days.....360

TOTAL COST, \$1423

Bond, none. Limit, 50 days. Forfeit,
none. Plans and specifications filed.

(455) SHEET METAL WORK ON
above.

Contractor...Walter Mork, 1909 San
Pablo Ave., Berkeley.

Filed Mar. 2, '14. Dated Feb. 13, '14.
1st day of each month.....75%
Usual 35 days.....25%

TOTAL COST, \$4050

Bond, \$2025. Surety, Southwestern
Surety Co. Limit, 35 days. Forfeit,
none. Plans and specifications filed.

(456) BRICK WORK ON ABOVE.

Contractor...A. J. Webb, Emeryville.
Filed Mar. 2, '14. Dated Feb. 7, '14.

7th and 22nd day of each month 75%
Usual 35 days.....25%

TOTAL COST, \$10,500

Bond, \$5250. Surety, Southwestern
Surety Ins. Co. Limit, 40 days. For-
feit, \$20. Plans and specifications filed.

(461) S FELTON 120 W Dover, Ber-
keley. One-story 4-room dwelling.

Owner.....Mrs. L. J. Anderson, 1840
Felton, Berkeley.

Architect...None.
Contractor...C. Rose, 1840 Felton, Bkly

COST, \$1000

(462) NE RUSSELL AND CHENEY,
Berkeley. Garage.

Owner.....T. H. Michels, 2727 Rus-
sell, Berkeley.

Architect...None.
Contractor...F. E. Allen, 468 34th, Okd.

COST, \$1600

(478) S TUNNEL ROAD 238 W Oak
Ridge Road, Berkeley. Two-story
10-room dwelling.

Owner.....T. Ronneberg, 2939 Pine
Ave., Berkeley.

Architect...Willis Polk & Co., Mer-
chants' Exchange Bldg.,
San Francisco.

Day's work. COST, \$5000

(485) W MILVIA 210 S Vine, Berkeley
One-story 4-room dwelling.

Owner.....Emma L. Smith, 1518 Mil-
via, Berkeley.

Architect...None.

Contractor...De Kay & Co., 2000 Shattuck Ave., Berkeley.
COST, \$1000

(487) N STUART 287 1/2 E Telegraph Ave., Berkeley. All work for one and one-half-story dwelling.
Owner.....Harry F. Moline and Viva M. Shuman, Berkeley.
Architect...None.
Contractor...Louis Engler, 2721 Haste, Berkeley.
Filed Mar. 4, '14. Dated Mar. 2, '14.
Frame up 1/4
Plastered 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$2340
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(492) E WARRING 100 S Bancroft, Berkeley. Addition.
Owner.....C. M. Merrill, 2311 Warring Berkeley.
Architect...None.
Contractor...Harvey Grant, 2013 Center Berkeley.
COST, \$400

(505) LOT 19 BLK "D."—, Berkeley. All work for two-story attic and basement dwelling.
Owner.....George Tasheira.
Architect...Julia Morgan, Merchants' Exchange Bldg., S. F.
Contractor...Wm. L. Boldt, 2610 Grove, Oakland.
Filed Mar. 5, '14. Dated Mar. 3, '14.
Frame up, boarded in, chimney up and rough plumbing in..... 1/4
1st coat plaster on..... 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$13,990
Bond, \$7000. Surety, Geo. H. Derrick and F. S. Bodie. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(507) LOT 9 BLK 1, Hotel Claremont Tract, Berkeley. All work for two-story and basement dwelling.
Owner.....Martha L. Brown, Berkeley
Architect...Olin S. Grove, 2911 Telegraph Ave., Berkeley.
Contractor...Oscar Salonen, 1132 Addison, Berkeley.
Filed Mar. 4, '14. Dated Feb. 27, '14.
Frame up..... 1/4
Plastered 1st coat..... 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$5956
Bond, \$2980. Surety, Maryland Casualty Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

Building Contracts Awarded

Alameda.

No.	Owner	Contractor	Amt.
489	Cole	.....Cole	2250
490	Dungan	.....Sandkuhle	450
516	Bertelsen	.....Struven	2200

(489) NO. 3218 FERNSIDE BLVD., Alameda. Two-story 6-room dwlg.
Owner.....Mark T. Cole, 703 Syndicate Bldg., Oakland.
Architect...None.
Day's work. COST, \$2250

(490) NO. 1719 SHERMAN, Alameda. Addition.
Owner.....E. L. Dungan, Premises.
Architect...None.

Contractor...E. Sandkuhle, 1816 38th Ave., Oakland.
COST, \$150

(516) N SANTA CLARA AVE 537-9 1/2 W Fifth W 38xN 144-3. Alameda. All work except cement work, brick work, wood, painting and plumbing for one-story and basement dwlg.
Owner.....Emil T. Bertelsen, 465 Santa Clara Ave., Alameda.
Architect...None.
Contractor...J. Struven, San Francisco.
Filed Mar. 6, '14. Dated Mar. 5, '14.
Frame up \$733
Plastered 733
Completed and accepted..... 734
TOTAL COST, \$2206
Bond, none. Limit, 95 days. Forfeit, none. Plans and specifications filed.

ASSIGNMENT OF LIEN.

Mar. 7, 1914—NE TELEGRAPH AVE and 25th N 47-4x E 99, Okd. Wara Bros to George H Tay Co vs Annie M and John Spelman.....\$1875.02

COMPLETION NOTICES.

ALAMEDA COUNTY.

Feb. 26, 1914—S FIFTIETH 32.85 E Shafter Ave E 32xS 92, Okd. Chas McArthur to whom it may concern.....Feb. 26, 1914
Feb. 26, 1914—SW PERRY 50x154 being NW 50 Lot 18 Blk "K" Map Oakland Heights, Oakland. Wm. Woodus Greene by Ethel H Greene to Thad M Tupper.....
Feb. 26, 1914—LOT 13 Map High Court Tract, Bkly. Geo D Welsh to L H Williams.....Feb. 25, 1914
Feb. 27, 1914—SE CHETWOOD 76.97 NE Santa Clara Ave N 37xSE 132, Okd. Anna and Alice Nopel to O M Bullock.....Feb. 20, 1914
Feb. 27, 1914—E 40 LOT 34 BLK 18 Map Northbrae Bkly. Grace C Woodburn to whom it may concern.....Feb. 23, 1914
Feb. 27, 1914—SE SIXTEENTH & SAN Pablo Ave NE 18.68 SE 80.10 SW 36.42 SW 75.19 N 67.46, Okd. First Trust & Savings Bank by P J Walker Co, Agents to McGilvray Stone Co.....Feb. 20, 1914
Feb. 28, 1914—SE THIRTEENTH & Clay, Okd. Jules and Hugo Abrahamson to E T Lelter & Sons.....Jan. 27, 1914
Mar. 2, 1914—NE GLASCOCK 100 E Derby NE 100xW 25, Alameda Co. Gregoria Castro (wf Benigno), *2000
Mar. 2, 1914—LOT 2 BLK "C" Map Elmerest, Okd. Fay J and Martha Corum\$4400
Mar. 2, 1914—S CHANNING WAY bet Roosevelt and McGee Aves. Bkly. Margaret J Barnett to Hughson & Donnelly.....Feb. 25, 1914
Mar. 2, 1914—LOT 13 BLK 3 Map Arlington Heights, Oakland Tp. F F Thomas Jr to Gustaf Johanson.....Feb. 27, 1914
Mar. 2, 1914—PTN LOTS 12 AND 13 Blk D Map Elmwood Park, Bkly. Barry Bldg Co to whom it may concernMar. 2, 1914
March 3, 1914—N VIRGINIA 187 1/2 from E line Chestnut E 37 1/2xN 150, Bkly. Alma Mills to Standard Bldg Co.....Feb. 26, 1914
Mar. 3, 1914—NW LYDIA & CURTIS, Okd. John M Mendell to M C VaughnFeb. 27, 1914

Mar. 4, 1914—PTN LOT 60 Map Piedmont-by-the-Lake, Okd. F R Jordan to P B Weaver.....Feb. 27, 1914
Mar. 3, 1914—LOT 4 BLK 3 Thousand Oaks Court, Bkly. George Friend to Spring Constr Co.....Feb. 20, 1914
Mar. 4, 1914—NE BROOK & BROADWAY 90x80, Okd. Fred W Taylor to Geo G Kneppler and H J HorstMar. 2, 1914
Mar. 4, 1914—LOTS 28 AND 29 BLK "B" Amended Map Lorin Heights Tract, Okd. May R Wolverson to United Home Bldrs.....Feb. 27, 1914
Mar. 5, 1914—N HASKILL 318 W Mable W 32xN 114, Bkly. Alice F Roberson to W S Robinson.....Mar. 4, '14
Mar. 6, 1914—FROM N WARD to S Bancroft Way on Shattuck Ave., Bkly. Southern Pacific R R Co to Ransome-Crummey Co.....Feb. 26, 1914
Mar. 6, 1914—SE SIXTEENTH & SAN Pablo Ave NE 18.68 SE 80.10 SW 26.42 SW 75.19 N 67.46, Okd. First Trust & Savings Bank (by P J Walker Co, Agent) to O E Brady & Son.....Feb. 24, 1914
Mar. 6, 1914—LOT 15 Map Alta Heights, Piedmont. Herbert Boshford to G G Reed.....Mar. 3, 1914

LIENS FILED.

ALAMEDA COUNTY.

Feb. 26, 1914—LOT 2 BLK 16 Map Northbrae, Bkly. National Roofing Co vs Interurban Home Bldrs.....\$57
Feb. 26, 1914—LOT 4 BLK 16 Map Northbrae, Bkly. National Roofing Co vs Interurban Home Bldrs.....\$57
Feb. 26, 1914—LOT 4 BLK 16 Map Northbrae, Bkly. National Roofing Co vs Interurban Home Bldrs.....\$57
Feb. 26, 1914—LOT 20 BLK 4 Map Feb. 27, 1914—NE LAUREL AND Telegraph Ave N 47-4 E 117-7 N 47 W 117-1, Okd. T Barnewitz vs J and Anna Spelman.....\$200.75
Mar. 2, 1914—W FIRST, bet S J and Lizzie Ste 50 frontage, Livermore. A B Hill vs Silvio Florio, Frank Lomanno and L Schenone.....\$940.05
March 3, 1914—LOT 4 BLK 9 Claremont, Alameda County. Wm Klee-man vs Mr and Mrs Bowman.....\$63
Mar. 4, 1914—S W-FIRST, bet J and Lizzie Ste. Livermore. A B Hill vs Frank Lomanno and L Schenone\$940.05
Mar. 4, 1914—LOT 58 Map Reshdyr Peralta Park, Bkly. Maxwell Hardware Co vs E B & A Fontaine\$429.20
Mar. 4, 1914—W BAY PLACE, Ptn Lots 2 and 3 Map W G Henshaw's Shdyn of Lots at 24th and Bay Place, Okd. H Peterson Co vs Otto Schubert and O E and Laura E Allen\$1440.50
Mar. 5, 1914—LOT 20 BLK 4 Map Northbrae, Bkly. F W Foss vs J Brown Schuyler and Interurban Home Builders\$20.73
Mar. 5, 1914—LOTS 1 AND 2 BLK 2 Map Cragmont, Bkly. F W Foss Co vs H H Gastman.....\$72.78
Mar. 5, 1914—LOT 2 BLK 16 Map Northbrae, Bkly. F W Foss Co vs J Brown Schuyler and Interurban Home Builders.....\$19.83
Bros., wreckers, to tear do wn a one-March. 5, 1914—LOT 4 BLK 16 Map Northbrae, Bkly. F W Foss Co vs J Brown Schuyler and Interurban Home Builders\$21.35



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SAN JOSE & SANTA CLARA CLARA VALLEY.

RESIDENCE—1½ story and base, frame. Cost not stated. Portola, San Mateo Co., Cal. Architect, S. D. Willard, care of Bliss & Faville, Balboa Bldg., S. F. Owner, E. D. Connelley. The dwelling has been designed for a handsome country home and will be erected on a large tract near Redwood City. Interior will be finished in pine, redwood and white enamel. Hardwood floors will be used in the living room, dining room, reception hall and library. Plans provide for a total of ten rooms, sleeping porches and four bath-s. There will be furnace heat and open fire places. Mantels will be of tile and brick. Automatic water heaters are specified. Bath rooms will be finished in tile and will be equipped with shower baths. Exterior of the house will be covered with cement plaster on metal lath. Plans are out for figures.

RESIDENCE—2 story, attic and base, reinforced concrete, \$200,000, Hillsborough, San Mateo Co., Cal. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, William Bourn, President Spring Valley Water Co. The dwelling will be erected near Crystal Spring Lake, and will be designed in the Italian Villa style. There will be in the neighborhood of twenty rooms, a number of bath rooms and sleeping porches. Interior finish will be of pine and hardwood. There will be steam heat, vacuum cleaning system, hot water supply and other modern conveniences. Bath rooms will be finished in tile. Exterior of the house will be faced with cement plaster. Plans are nearly complete and figures will be called for at once.

MAUSOLEUM—1 story, reinforced concrete, \$6,000, Holy Cross Cemetery, San Mateo Co., Cal. Architect, J. A. Porporato, 619 Washington street, S. F. Owner's name withheld. The building is designed in the Classic style and will contain six receptacles. There will be a cement or tile floor, art glass and ornamental iron and bronze. Exterior will be faced with cement plaster. Plans have been out for figures and a contract will be awarded shortly.

Contracts Awarded.
RESIDENCE—2 story and base, frame, \$8,000, San Bruno, San Mateo Co., Cal. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Father W. J. Cantwell, Contractor, N. A. Carlson, 936 Potrero avenue, S. F., general construction only. Contract price, \$6,100.

BUILDING CONTRACTS.

CONTRA COSTA COUNTY.

LOTS 31, 32, 33 BLK 58, City of Richmond. Labor and material required to complete two frame residences. Owner, Mrs. Mary Peres, Richmond. Architect, None. Contractor, Pluth & Morton, 180 Jessie, San Francisco.

Filed Mar. 5, '14. Dated Mar. 3, '14. Frame up and roof on.....\$600
When either house has 1st coat of plaster.....600
When either house completed.... 450
Usual 35 days.....550
When either house completed.... 450
TOTAL COST as given in document. \$1400

Bond, none. Limit, 60 working days. Payment, \$1 per day. Plans and specifications filed.

E FOURTEENTH, 3rd Lot N of Washington, San Jose. Five-room cottage. Owner, W. E. Woodhams, 16 N-Second St., San Jose. Architect, None. Day's work. COST, \$1300

W NINTH, 2nd Lot S of San Antonio St., San Jose. Five-room cottage. Owner, E. C. Danforth, Premises. Architect, None. Contractor, Lee Gardner, 196 Hawthorn Way, San Jose. COST, \$2400

NE SANTA CLARA AND MONTGOMERY Sts., San Jose. Mill office. Owner, C. H. Chase Co., Premises. Architect, C. S. McKenzie, Bank of San Jose Bldg., San Jose. Contractor, P. T. Jorgenson, 517 San Carlos, San Jose. COST, \$1950

NO. 2 E-ATLANTA ST., San Jose. Five room cottage. Owner, N. A. Peterson, Premises. Architect, None. Day's work. COST, \$1400

NO. 959 S-SEVENTH ST., San Jose. Six-room cottage. Owner, E. Davis, Premises. Architect, None. Day's work. COST, \$2000

NO. 64 ST MARY ST., San Jose. Five-room cottage. Owner, J. G. Luebben, Premises. Architect, None. Day's work. COST, \$1000

E FIRST, near Julian, San Jose. New front on building.

E. H. Williams Chalmer Munday

Munday & Williams Attorneys-at-Law

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Law and Bankruptcy Cases

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615 Phelan Building, San Francisco

Owner, H. Hoover, Premises
Architect, None.
Contractor, Morrison Bros., Santa Clara
COST, \$300

NO. 375 N-TENTH ST., San Jose. Five room cottage.
Owner, J. G. Hobson, Premises.
Architect, None.
Contractor, E. J. Delmue, 56 Pleasant, San Jose. COST, \$3600

NO. 359 E-JACKSON ST., San Jose. Enclose tank frame.
Owner, Bastian Guardino, Prem.
Architect, None.
Day's work. COST, \$450

NO. 686 W-SAN CARLOS ST., San Jose. Concrete foundation and repair residence.
Owner, P. Caputa, Premises.
Architect, None.
Day's work. COST, \$700

E NINTH, 3rd Lot W Julian St., San Jose. Six-room cottage.
Owner, Ed. Wells, 449 N-17th St. San Jose. Architect, None. Day's work. COST, \$2000

LOT 5 BLK 3, Schottenhammer Tct, San Jose. Five-room cottage.
Owner, H. G. Hunt, 275 S-First St., San Jose. Architect, None. Contractor, H. Waltz, 41 Willard St. San Jose. COST, \$3000

NO. 409 N-FIFTEENTH ST., San Jose. Five-room cottage.
Owner, R. E. Carter, 410 N-16th St., San Jose. Architect, None. Day's work. COST, \$2000

NO. 39 N-FIRST ST., San Jose. Re-model and repair store.
Owner, Jack Thompson, Prem.
Architect, None. Day's work. COST, \$500

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

NW COR. TILLMAN & YOSEMITE AVE, Harbott Park Tract, San Jose. All work for one and one-half-story frame cottage.
Owner, E. P. Main, 88 S-7th St., San Jose. Designer, D. H. Main. Contractor, D. H. Main, 88 S-7th St., San Jose.

Filed Feb. 26, '14. Dated Feb. 26, '14.
 Frame up\$400
 1st coat plaster on 700
 Job completed 700
 30 days after
 TOTAL COST, \$2800
 Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED ACCREDITED
 Feb. 25, 1914—LOT 21 and part of 20
 Blk 58 Naglee Park Trt. San Jose.
 C D Cavallaro to P J Schmidt.....
Feb. 21, 1914
 Mar. 3, 1914—BUILDING KNOWN
 as Franck Hall, Santa Clara. Fred
 Franck and Caroline Johnson to
 W H Norman.....Feb. 2, 1914
 Mar. 4, 1914—LOT 13, San Juan Ex-
 tension Stanford University. T
 M McFarland to H J Ross.....
Feb. 27, 1914
 Mar. 6, 1914—MINNESOTA AVE NO.
 100, San Jose. Harriet A Wythe
 to John Johnson.....Feb. 25, 1914

LIENS FILED.

SANTA CLARA COUNTY.

RECORDED AMOUNT
 Mar. 4, 1914—NEAR COR. GISH AND
 Alviso Roads, Edward Cleaves vs
 J B Bellatti et als.....\$500

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

MAGAZINE BUILDING—1 story, re-
 inforced concrete, \$12,500. Mare Island,
 Solano Co., Cal. Architects, Bureau of
 Yards and Docks, Washington, D. C.
 Owners, United States Government.
 Bids opened in Washington on March
 7th for this work show Monson Bros.
 of San Francisco low at \$11,950. A
 complete list of bids will be found un-
 der the heading of Marin, Contra Costa
 and Sonoma Counties in this issue. A
 contract for the work has not been
 awarded.

Magazine Building At Mare Island.

Monson Bros. Reported Low Men For
 New Work at Mare Island By
 Bureau of Yards and Docks.

(By Special Wire.)

WASHINGTON, D. C., March 7th, 1914
 —Bids were opened today in the Bureau
 of Yards and Docks for the construc-
 tion of a fireproof magazine building
 at Mare Island Navy Yard. Bids were
 taken on the general construction v-
 one alternate. The lowest figure was
 received from Monson Bros., of San
 Francisco, at \$11,950; alternate, none.
 Following is a complete list of the fig-
 ures, as opened:

Magazine Building, Mare Island.
 Richard H. Gray, \$24,250; (b) \$1,304.
 Davis-Rogers Co., \$15,992; (b) \$2,-
 263.50.
 Monson Bros., \$11,950; (b) none
 Grant Fee, \$17,000; (b) \$2,160.
 Cullen Bros., \$12,649; (b) \$1,586.
 Tieslau Bros., \$13,740; (b) \$2,000.

Pringle-Dunn & Co., \$14,170; (b) \$2,-
 200.
 Barrett & Hilp, \$14,200; (b) \$1,276.
 Caldwell & Son, \$12,000; (b) \$1,800.
 Lindsay & McFerran, \$14,666 (b) \$1,-
 198.
 No contract was awarded.

BUILDING CONTRACTS.

MARIN COUNTY

LAGUNITAS, Marin Co. All work for
 one-story brick building.
 Owner.....E. S. Rike, San Rafael.
 Architect.....T. O'Connor, San Rafael.
 Contractor, L. E. Warden, San Rafael.
 Filed Mar. 4, '14. Dated Feb. 2, '14.
 As work progresses on 1st and
 15th of each month..... 75%
 Usual 35 days, balance.....\$790
 TOTAL COST, \$3162
 Bond, none. Limit, 80 working days.
 Forfeit, none. Plans and specifications
 filed.

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

Mar. 3, 1914—NEAR TOWN OF CON-
 cord. Lars Olsen to H F Smith.....
Feb. 28, 1914

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

LODGE HALL AND STORES—3
 story and base, brick and steel, \$20,000.
 Eakersfield, Kern Co., Cal. Architect,
 G. L. Clark. Brower Bldg., Bakersfield.
 Owners, Knights of Pythias Hall Association.
 The building will be designed
 for stores on the first floor, lodge halls
 and offices of the association on the
 second floor and a large banquet hall
 and ball room on the third floor. In-
 terior finish will be of pine and red-
 wood with maple floors in the banquet
 hall and ball room. There will be
 steam heat and a hot water supply.
 Plans provide for patent store fronts
 and plate glass windows. Exterior of
 the building will be faced with pressed
 brick. Plans are being prepared.

HOTEL—2 story and base, brick
 \$11,000. Riverbank, Stanislaus Co., Cal.
 Architect, Ralph P. Morrell, Oakl
 Pellers' Bldg., Stockton. Owner, R. Mc-
 Donaldou. The building will cover an
 area of 30 by 90 feet and has been de-
 signed for stores on the first floor and
 modern hotel rooms on the upper floor.
 Interior finish will be of pine through-
 out. There will be a hot water supply.
 Bath rooms will have tile floors and
 wainscot. Exterior of the building
 will be faced with pressed brick. Plans
 also provide for patent store fronts.
 Bids are now being taken on the work.

HOTEL—2 story and base, brick,
 \$12,000. Bakersfield, Kern Co., Cal. Ar-
 chitects, Henry Starbuck and L. K.
 Conradjian, Fresno. Owner, C. Petrini.
 The building will contain stores on the
 first floor and hotel rooms and bath-
 rooms on the upper floor. All interior finish
 will be of pine and redwood. There
 will be steam heat and a hot water
 system. Bath rooms will have the
 wainscot and composition floors. There
 will be patent store fronts and plate
 glass windows. Exterior of the build-
 ing will be faced with pressed brick.
 Plans for the work are now being pre-
 pared.

LIBRARY—2 story and base, rein-
 forced concrete, \$20,000. Coalinga,
 Fresno Co., Cal. Architects, Swartz,
 Hutehkin & Swartz, Rowell Bldg.,
 Fresno. Owners, Coalinga Union High
 School Library District. Bids opened
 for the general construction of this
 building show Olsen and St Clair of
 Coalinga low at \$15,347. A complete
 list of the bids received will be found
 under the heading of Fresno, Modesto,
 Stanislaus and Central California in
 this issue.

SCHOOL—1 story and base, concrete
 and brick veneer, \$7,000. Lone Star,
 Fresno Co., Cal. Architect, J. Carl
 Tayer, Forsythe Bldg., Fresno. Own-
 ers, Lone Star School District. The
 building has been designed to contain
 four class rooms and teachers' room.
 Interior will be finished in pine with
 some maple floors. Modern plumbing
 and electric work will be used. Ex-
 terior of the building will be faced
 with pressed brick veneer. Plans are
 now being prepared.

Contracts Awarded.

OIL TANKS, 10. STEEL—Cost not
 stated. Midway District, Fresno Co.,
 Cal. Engineer's name not given.
 Owners, Shell-Royal Dutch Co., Coal-
 inga. Contractors, Llewellyn Iron
 Works, L. A. Contract price not stat-
 ed.

Coalinga Library Bids Received By Board.

Olsen & St. Clair Low Men and Will
 Probably Be Awarded the Contract.
 Are Local Firm.

Bids opened by the Trustees of the
 Coalinga Union High School District
 for the construction of the \$20,000
 building, show Olsen & St. Clair low
 at \$15,347 for the general construction.
 They will probably be awarded the
 contract, although no action was taken.
 The following is a list of the bids as
 opened:

Coalinga Library.

Olsen & St. Clair,\$15,347
 W. J. Oaks, 15,797
 R. C. Blackwell, 16,475
 G. H. Walley, 16,990
 Smith & James, 17,180
 Lindgren & Co., 18,264
 Plans for the building were prepared
 by Architects Swartz, Hutehkin &
 Swartz of Fresno.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

HUNGALOW—1 story and base,
 frame \$1,500. Sacramento, Cal. Ar-
 chitect, none. Owner, J. J. Jennings,
 119 J street, Sacramento. The dwell-
 ing will be erected in the East End
 Addition and will contain six rooms
 and bath. Interior finish will be of
 pine throughout. Some hardwood
 floors will be used. There will be a
 large open fire place in the living room
 with a tile or brick mantel. The tile
 will be used in the bath room and kitchen.
 Exterior of the house will be covered
 with rustle and cement plaster on
 metal lath. Plans are complete and
 in the hands of the owner who will do
 the work by Day Labor.

HUNGALOW—1½ story and base,
 frame, \$1,000. Sacramento, Cal. Ar-

chitect, A. Willoner, Ochsner Bldg., Sacramento. Owner, A. W. Clifton. The dwelling will be erected in Oak Park, and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine with some hardwood veneer and oak floors. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and shingles. Plans are complete and figures are being taken by the architect.

BUNGALOW—1 story and base frame, \$1,600. Sacramento, Cal. Architect, none. Owners, Growel and Snell, 2945 Lower Stockton avenue, Sacramento. The dwelling, designed for a five-room house, will be erected in Palmetto Heights. Interior finish will be of pine and redwood with some oak floors. There will be a large open fire place in the living room with a tile or brick mantel. Tile wainscot will be used in the bath room. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and shingles. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are being purchased.

FLATS—3 story and base, frame, \$7,500. Sacramento, Cal. Architect, A. Willoner, Ochsner Bldg., Sacramento. Owner, E. E. Juergenson. The building has been designed to contain six modern flats of three and four rooms. Interior will be finished in pine and redwood with some hardwood panels. Oak floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Bath and kitchens will have tile wainscot. Automatic water heaters will be installed. Exterior of the building will be covered with rustic. Plans are being prepared.

GARAGE—1 story, base and mezzanine floor, brick and steel, \$25,000. Stockton, San Joaquin Co., Cal. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owner, Mr. Esbark, 203 West Fremont street, Stockton. The building will be erected on North Hunter street and has been designed to contain a large show room, offices, repair shop and storage space. A concrete floor will be used. Entire structure will have a floor space of 23,000 square feet. Interior of the office and display room will be pine and hardwood. There will be an electric elevator, two 500-gallon steel tanks and metal window sash, frames and ceilings. Patent store fronts are also specified. Roof will be of asbestos. Exterior of the building will be faced with pressed brick. Plans are being prepared.

STATE CAPITOL ELEVATOR WORK—Cost not stated. Sacramento, Cal. Architect, State Department of Engineering, Sacramento. Owners State of California. Bids opened by the State Engineering Department for elevator work in the State Capitol Building show the Van Emon Elevator Co. low at \$5,516 for installing two passenger elevators; Ralston Iron Works low at \$970 for ornamental iron grilles in connection with the same, and the Randall Elevator Door Control Co. low at \$1,234 for installing pneu-

matic door operating devices. A complete list of all figures will be found under the heading of Sacramento, Stockton and Northern California in this issue.

HOSPITAL—2 story and base, reinforced concrete. Cost not stated. Red Bluff, Tehama Co., Cal. Architect's name not given. Owners, St. Elizabeth's Hospital, Rev. Father F. Brady, Red Bluff. The building will replace the building recently destroyed by fire and will cover an area of 40 by 90 feet. Interior has been arranged for 25 beds, 3 wards, private rooms, operating room and nurses' quarters. Interior finish will be of pine. There will be elevator service heating and a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans are complete and an effort is being made to raise the balance of the money necessary to start construction. Information can be secured from Father F. Brady, who is in charge of the campaign.

POST OFFICE—2 story and base, semi-fireproof construction, \$55,000. Grass Valley, Nevada Co., Cal. Architect, Supervising Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. The Supervising Architect has notified the postmaster at Grass Valley that working drawings for the new Federal building have been completed. Bids will be called for shortly. There is \$55,000 available for construction.

FREIGHT SHED—1 story, frame, \$2,500. Sacramento, Cal. Architect, none. Owners, Oakland, Antioch and Eastern Railroad Co., 105 Montgomery street, S. F. Plans have been completed for a small freight shed which is to be erected on M street between 2nd and 3rd streets. No interior finish will be used. Exterior of the building including the roof will be covered with corrugated iron. Plans are complete and the work is now underway by Day Labor.

SCHOOL—2 story and base, reinforced concrete. Cost not stated. Sacramento, Cal. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, City of Sacramento. Bids opened for the First Side School show the Sound Construction and Engineering Co., S. F., low on all three propositions. A contract will probably be awarded to them. A complete list of the figures received will be found under the heading of Sacramento, Stockton and Northern California in this issue.

PUMPING STATION—1 story and base, reinforced concrete. Cost not stated. Sacramento, Cal. Engineer, George N. Randle, 329 J street, Sacramento. Owners, Reclamation District No. 1500. Plans are now out for figures for a reinforced concrete pumping station which is to be erected near Sacramento Slough in Sutter County. Work will require approximately 3,000 cubic feet of concrete, 135 tons of reinforcing bars, 287 concrete piles 35 to 40 feet and 86 timber piles 25 to 35 feet. Bids will be opened on March 24th. Plans and specifications can be secured from the engineer at Sacramento.

HIGHWAY WORK—Cost not stated. California Engineer, State Highway Commission, Forum Bldg., Sacramento, Owners, State of California. Bids will be opened on March 30th for the con-

struction of state highways in the following counties: El Dorado, Santa Clara, Humboldt, Merced, Tuolumne, Mendocino and two pieces in San Diego. Plans and specifications can be secured from the State Highway Commission in Sacramento. An official proposal, giving the exact locations and nature of work together with the number of miles to be built in each county will be found under another heading in this issue.

Bids For Elevator Work, Sacramento.

Engineering Department Opens Figures For Two New Elevators, Grilles and Pneumatic Control.

SACRAMENTO, Cal., March 3, 1914—Bids opened by the State Engineering Department for elevator work in the State Capitol Building show the Van Emon Elevator Co. low at \$5,516 for installing two passenger elevators; Ralston Iron Works low at \$970 for ornamental iron grilles in connection with the same and the Randall Elevator Door Control Co. low at \$1,234 for installing pneumatic door operating devices. A complete list of the bids follows:

Two Passenger Elevators.

Van Emon Elevator Co. \$5,516
Pacific Gurney Elevator Co. 6,400
Otis Elevator Co. 6,755

The bid of the Otis Elevator Co. was not considered as no certified check accompanied the bid.

Elevator Grilles.

Ralston Iron Works. \$ 970
Rudger-Merle Co. 1,375
Cal. Artistic Metal & Wire Co. 1,890

Pneumatic Door Control Devices.

Randall Elev. Door Control Co. \$1,234.50
Randall Elev. Door Control Co. 1,489.50
Otis Elevator Co. 1,350.00
Burnette-Roundtree Co. 1,350.00

Sacramento School Board Open Bids.

Sound Construction Co. of San Francisco Low on All Three Propositions For Big Building.

(By Special Wire)

SACRAMENTO, Cal., March 7th, 1914 Bids were opened in Sacramento Friday night for the construction of the two-story reinforced concrete school building, designed by Architects Shea & Lofquist of San Francisco. The building will contain 24 class rooms, auditorium seating 1,000 people, manual training and domestic science departments, kindergarten department, physical and chemical laboratories and branch library.

Three alternate bids were asked for as follows: Alternate No. 1, wood stud and wood lath; No. 2, wood stud and metal lath; No. 3, metal studs and metal lath.

The Sound Construction & Engineering Co., Hearst Bldg., San Francisco, were low on all three propositions. A complete list of all figures received follows:

Sacramento School.
Sound Constr. & Eng. Co. (a) \$213,-
260; (b) \$217,060; (c) \$218,360.
Keating & Hold (a) \$215,814; (b)
\$219,844; (c) \$228,444.
Mathew Constr. Co. (a) \$235,247; (b)
\$211,826; (c) \$242,594
McGillivray Constr. Co. (a) \$242,963;
(b) \$247,990; (c) \$255,196.
Trehwitt & Shields(a) \$260,824; (b)
\$252,174; (c) \$255,174

An award of the contract will proba-
bly be made at the Monday session of
the Board of Education.

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

E 20 FT. LOT 7, I, J, 6TH AND 7TH
Sts.; No. 615 J St., Sacramento. Brick
addition to one-story brick building.
Owner.....Florence Little, S. F.
Architect...None.
Contractor..Edward Hook, 718 18th
St., Sacramento.
COST, \$800

W 1/2 LOT 2, N. O., 20TH AND 21ST
Sts.; No. 2008 N St., Sacramento.
Raise 1 story frame dwelling (store
on ground floor).
Owner.....Mrs. L. Griffith, Premises.
Architect...None.
Day's work. COST, \$1000

N 100 FT. OF E 60 FT. LOT 5, J, K,
14th and 15th Sts.; No. 1430 J St.,
Sacramento. Plaster, wire, put in
new windows and wainscoting in
stone church.
Owner.....St. Paul's Episcopal Church
15th and J Sts., Sacramento
Architect...None.
Contractor..Murcell & Haley, Ochsner
Bldg., Sacramento.
COST, \$2200

E 70 FT. OF S 1/2 OF LOT 4, G, H, 13TH
and 14th Sts., Sacramento. Raise
and alter dwelling to three-story
frame apartments.
Owner.....Miss A. M. Hamm, 714 14th
St., Sacramento.
Architect...None.
Contractor..A. W. Norris, 409 21st St.,
Sacramento.
COST, \$2900

PTN OF C & G SWANSTON 10.8 Acres
Sacramento. One and one-half-story
8-room frame dwelling.
Owner.....Robert Swanston, River-
side Road, Sacramento.
Architect...None.
Contractor..A. W. Norris, 409 21st St.,
Sacramento.
COST, \$4700

E 1/2 OF N 1/2 LOT 3, J, K, 13TH AND
14th Sts.; No. 1320 J St., Sacramento.
Repair brick building.
Owner.....Phoenix Milling Co., 1005
13th St., Sacramento.
Architect...None.
Contractor..Murcell & Haley, 527 Ochs-
ner Bldg., Sacramento.
COST, \$700

LOT 639 Wright & Kimbrough Sub.,
Sacramento. One-story five-room
dwelling.
Owner.....Mr. Cartorcelli, 516 Alley,
bet O & P Sts., Sacramento
Architect...None.
Contractor..C. Valini, 2417 15th St.,
Sacramento.
COST, \$1500

LOT 624 Wright & Kimbrough Sub. No.
20 (Dwight Way), Sacramento. One
story 5-room frame dwelling.
Owner.....Michele Morgese, 516 Alley
bet. O & P Sts., Sacramento
Architect...None.
Contractor..C. Valini, 2417 15th St.,
Sacramento.
COST, \$1500

W 1/2 OF N 1/2 LOT 4, J, K, 28TH AND
29th Sts.; No. 2826 J St., Sacramento
Two-story 16-room frame dwelling.
Owner.....B. Largamozina, 50th and
R Sts., Sacramento.
Architect...None.
Contractor..W. R. Saunders, 2810 I St.,
Sacramento.
COST, \$5150

S 70 FT. LOT 16 BLK 48, South Sacra-
mento. One-story 5-room frame
dwelling.
Owner.....Mrs. E. H. Kallen, 2815
20th St., Sacramento.
Architect...None.
Contractor..C. E. Mendenhall, 3727 Ma-
drone, Sacramento.
COST, \$1800

LOT 42, Sutter Terrace Add'n, Burnett
Ave., Sacramento. One-story and
loft stable.
Owner.....E. Varanini, 121 I St., Sacra-
mento.
Architect...None.
Contractor..Peter Leoni, 1415 P St.,
Sacramento.
COST, \$375

E 1/2 LOT 2, E, F, 26TH AND 27TH STS
Sacramento. One-story 5-room frame
dwelling.
Owner.....William Lindsay, Marys-
ville.
Architect...None.
Contractor..Tom Johnson, 2921 W St.,
Sacramento.
COST, \$2000

W 1/2 LOT 2, E, F, 26TH AND 27TH
Sts., Sacramento. One-story 5-room
frame dwelling.
Owner.....Wm. Lindsay, Marysville.
Architect...None.
Contractor..Tom Johnson, 2921 W St.,
Sacramento.
COST, \$2000

LOT 21 East End Add'n., No. 3301 U St.
Sacramento. One-story 4-room frame
dwelling.
Owner.....J. J. Jennings, 719 J St.,
Sacramento.
Architect...None.
Day's work. COST, \$1500

S 20 FT. OF N 60 TE, LOT 1, I, J, 2ND
and 3rd. No. 992 3rd St., Sacramento.
One-story brick building concrete
foundations.
Owner.....William Offenbach, 2317 M
St., Sacramento.
Architect...None.
Contractor..G. A. Wendt, 2130 M St.,
Sacramento.
COST, \$4000

LOT 105 Palmetto Heights, Oak Park.
Sacramento. One-story frame dwig.
Owner.....Grawel & Smoll, 2945
Lower Stockton Ave., Sacra-
mento.
Architect...None.
Day's work. COST, \$1600

**LOS ANGELES AND SOUTH-
ERN CALIFORNIA.**

RESIDENCE—2 story and base
hollow tile construction, \$25,000. Ven-
ice, Los Angeles Co., Cal. Architects,
C. H. Russell Co., Union League Bldg.,
L. A. Owner, Abbott Kinney. The
dwelling will be erected on Ocean
Front and Breeze streets, and has been
designed in the Italian Villa style.
There will be a total of twelve rooms,
three baths and sleeping porches.
Interior finish will be of pine, hardwood
and white enamel. Hardwood floors
will be used in the principal rooms.
Plans provide for furnace heat and
open fire places. Mantels will be of
tile and brick. Automatic water heat-
ers and shower bathtubs are also speci-
fied. Bath rooms will have tile wain-
scot and composition floors. Exterior
of the house will be covered with ce-
ment plaster. Plans are now being
prepared.

APARTMENT HOUSE—4 story and
base. Class C construction. Cost not
stated. Los Angeles, Cal. Architects,
Wilbey & Davis, Story Bldg., L. A.
Owner, Leon Figliera. The building
will be erected on Beacon street be-
tween 7th and 8th streets, and will be
arranged to contain a total of 110
rooms, which will be divided into two
and three room suites. All apartments
will have wall beds and private bathtubs.
Interior will be finished in pine and
hardwood with some oak floors. Plans
provide for steam heat, elevator serv-
ice and a hot water supply. Vacuum
cleaning will also be installed. Bath
rooms will have tile wainscot and com-
position floors. Exterior of the build-
ing will be faced with artificial stone.
Plans are complete and figures are be-
ing taken.

CHURCH ADDITION—Frame con-
struction. Cost not stated. Los
Angeles, Cal. Architects, Alfred W.
Rea and Charles E. Garstang, Black
Bldg., L. A. Owners, Westlake Meth-
odist Church. Two new additions will
be made, each two stories in height,
one covering an area of 14 by 72 feet
and the other 14 by 50 feet. The new
portion of the building will be used as
class rooms, there being 18 rooms in
all, separated by rolling doors. Inter-
ior finish will be of pine with maple
floors. There will be steam heat,
blackboards and six toilets. Exterior
of the building will be covered with
rustic and shiplap. Plans are com-
plete and figures are being taken.

HOTEL—4 story and base. Class C
construction. Cost not stated. Los An-
geles, Cal. Architect, Arthur S. Heine-
man, San Fernando Bldg., L. A. Own-
er, Herbert J. Goudge. The building
will be erected on West 6th street
near Flower, covering an area of 42 1/2
feet by 130 feet. Plans provide for two
stores besides the hotel office and
lobby on the first floor. Upper floor
will contain a total of 54 guest rooms
and a number of public and private
baths. Interior finish will be of pine
and hardwood. There will be steam
heat, elevator service and a hot water
supply. Patent store fronts are speci-
fied. Bath rooms will have tile wain-
scot and composition floors. Exterior
of the building will be faced with
pressed brick. Plans are being pre-
pared.

PASSENGER STATION—2 story and
base, reinforced concrete, \$125,000. San
Diego, Cal. Architects, Bakewell &

Brown, 251 Kearny street, S. F. Owners, Santa Fe Railroad Co. The building will cover a considerable ground area and has been designed in the Mission style. Construction will be of reinforced concrete with cement and tile floor, hollow tile interior partitions and metal window sash and frames. Plans include steam heat, a hot water supply and vacuum cleaning. Interior finish will be of pine and hardwood. Exterior of the building will be faced with cement plaster. A clay tile roof will be used. Plans are nearly complete and figures will shortly be called.

SCHOOL GROUP—1 and 2 story and base, brick, \$120,000. Van Nuys, Los Angeles Co., Cal. Architects, Allison & Allison, Hilberman Bldg., L. A. Owners, Van Nuys School District. The architects have just been commissioned to prepare plans for this work and details of construction have not been determined. The group plan will probably be followed and all construction will be of brick. The sum of \$120,000 is available for construction. Further mention will be made of the work.

SCHOOL—2 story and base, brick and steel, \$150,000. Redondo Beach, Los Angeles Co., Cal. Architect, L. B. Pemberton, Auditorium Bldg., L. A. Owners, Redondo Beach High School District. The building will be semicircular in shape and will contain in the neighborhood of forty class rooms, study hall and open air rooms. Entire length of the building is 288 feet. Fireproof interior partitions, stairways and corridors will be used. Plans provide for steam heat, program clocks, vacuum cleaning and other modern improvements. Exterior of the building will be faced with cement plaster. Plans are nearly complete. A bond election will be called on March 24th to vote the required sum.

STORES AND OFFICES—12 story and base. Class A construction, \$450,000. Los Angeles, Cal. Architects, Morgan, Wallis & Morgan, Van Nuys Bldg., L. A. Owners, Haas Building Co. The building will be erected at the northeast corner of 7th and Broadway, covering an area of 33 by 148 feet. There will be six stores in the basement and the same number on the ground floor. Upper floors will contain 203 modern offices. Construction will be class A throughout with a complete steel frame, reinforced concrete walls, floors and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. Metal window sash and frames and patent store fronts will be used. Interior will be finished in pine, hardwood and metal trim. Plans provide for steam lift, elevator service, a vacuum cleaning plant, hot water system and mail chutes. Exterior of the building will be faced with granite, pressed brick and terra cotta. Plans are complete and figures are now being taken.

STORES AND LOFTS—7 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Engineers, Mayberry & Parker Pacific Electric Bldg., L. A. Owners, John Kahn, J. H. Marks and Adolph Fleishman. The building will be erected on the east side of Broadway south of 9th street, covering an area of 40 by 85 feet. First floor will contain stores and upper

floors will be arranged for light lofts. Interior finish will be of pine. Plans provide for steam heat, two elevators, an automatic sprinkler system, metal window sash and frames and sidewalk doors and lifts. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

APARTMENT HOUSE—3 story and base, brick, \$10,000. Los Angeles, Cal. Architects, Birchard, Green & Tifal, Van Nuys Bldg., L. A. Owner, F. F. Stevens, Contractors, Webb & O'Neill, Lankershim Bldg., L. A. Contract price, \$10,000.

SCHOOL BUILDINGS—1 and 2 story and base, brick, \$99,720. Inglewood, Los Angeles Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Inglewood Polytechnic High School District. Contractors, Nance & Phelps, 9th and Central avenue, L. A. general construction, \$99,720; J. Hokom, 4312 Moneta avenue, L. A. plumbing, \$14,257; Machinery and Electric Co., 351 North Main street, L. A. heating and ventilating, \$13,169. Leon Mazy, 947 Lucile avenue, L. A. painting, \$5,194; Robertson & Packard, Santa Ana, electric wiring, \$2,300, and the Standard Electric Time Co., program clocks, \$930.

STORES AND LOFTS—3 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, Edelman & Barnett, Black Bldg., L. A. Owners, Stetson, Barrett & Co. Contractor, J. E. Chalem, 410 Raymond avenue, L. A. Contract price not stated.

STORE—2 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, Joseph F. Rhodes, 415 Central Bldg., L. A. Owner, Harry Gray, Contractor, Joseph F. Rhodes, Central Bldg., L. A. Contract price not stated.

PORTLAND AND OREGON.

DOCKS AND WAREHOUSES—Timber construction, \$500,000. Astoria, Ore. Engineer, W. J. Walsli, Astoria. Owners, City of Astoria. Preliminary plans are being prepared for a number of new docks which will be erected with the proceeds of the recent bond election held in Astoria. Each of the docks will have an average length of 1,200 feet. Two-story frame warehouses will be constructed on the docks. Only preliminary plans are now being worked out, and it will be some time before bids will be called. Further mention will be made of the work.

CITY HALL—2 story and base, brick, \$15,000. Oregon City, Ore. Architect, C. A. Houghtaling, Henry Bldg., Portland. Owners, Oregon City. Two designs were submitted by this architect. Both were of the Colonial style brick construction, and with large white pillars running from the ground to the top of the building. In both plans the structure would be trimmed in red brick. The second floor will be used for meeting rooms, while the first floor will be given over to council chambers, reception rooms, fire station and various committee rooms. Plans provide for steam heat, fireproof vaults and pine interior finish. The architect is now completing working drawings and figures will be called for shortly.

SCHOOL—2 story and base, brick, \$20,000. Silverton, Ore. Architect, Charles H. Burggraf, Albany, Ore. Owners, Silverton School District. The building will cover a ground area of 60 by 120 feet and will contain eight class rooms and an assembly hall. Interior will be finished in pine with maple floors in the class rooms. There will be steam heat. Exterior of the building will be faced with pressed brick. Plans are to be completed at once and bids will be called for before the end of March.

WATER SYSTEM—\$225,000. Oregon City, Ore. Engineer not given. Owners, Oregon City. For the purpose of authorizing bonds in the amount of \$225,000 for the acquisition of a new municipal water supply from the south fork of the Clackamas River and the construction of a pipe line to the reservoir at this point, a special election will probably be held within the next six weeks. The amendments empower Wm. Anderson, W. A. Long and M. D. Latourette to serve as a committee to issue and sell the bonds and to direct the expenditure of the funds. It is provided that each member file a \$10,000 bond, and the money derived from the sale of the bonds shall be deposited with the City Treasurer, who shall file an additional bond of \$10,000.

STORES AND OFFICES—2 or 3 story and base, brick, \$20,000. Baker City, Ore. Architect, M. P. White, Baker City. Owner, Louis Sommers, Portland. The building will cover an area of 28 by 100 feet. Alternate bids will be received for a two story and a three story building. There will be eight offices on each of the upper floors. Interior finish will be of pine throughout. Plans provide for a vapor system of heating. There will be patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

STORES AND OFFICES—12 story and base. Class A construction, \$1,250,000. Portland, Ore. Architects, Doyle & Patterson, Worcester Bldg., Portland. Owners, Meier and Frank. The building will be erected on 5th street between Alder and Morrison streets. Preparations will be started as soon as Architect Doyle returns from the east where he is visiting all large mercantile establishments for the latest ideas. Excavation is expected to be started about July 1st, the structure to be ready for occupancy about May, 1915. Two additional stories will also be made to this firm's 10-story annex.

Contracts Awarded.

CANNING PLANT—1 story and base, reinforced concrete, \$50,000. Salem, Ore. Architect, F. A. Dickson, Salem. Owners, Hunt Bros., Salem. Contractor, A. J. Anderson, Salem. Contract price, \$50,000.

FOREST NOTES.

The state of New York has just published a comprehensive report of its wood-using industries.

Canada has a society of forest engineers. Dr. B. E. Fernow, of Toronto, is president, and Mr. F. W. H. Jacobbe, of Ottawa, is secretary.

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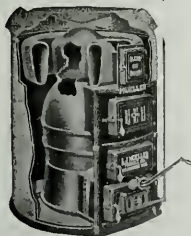
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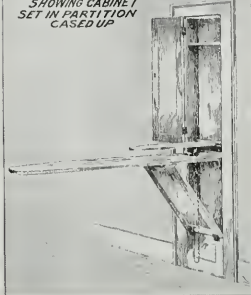
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Shop, 111 Franklin, San Francisco	

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Niles Sand, Gravel and Rock Co., 704 Market St., San Francisco	1
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Concrete.
 Chase, Silas A.
 Camp & Carllion.
 Duncanson, Har-
 rison Co.
 Foster & Vogt.
 Goodman Artill-
 on Stone Co.
 Haun, C. W.
 Keatinge & Sons, R.
 Leonard, J. J.
 Lord, J. P.
 Lynch, A.
 Pasqualetti, J.
 Stanguist & Tay-
 lor.
 Stanguist & Forbes
 Zimmerman, L. M.
Concrete Reinforcement.
 Lilley & Thurston Co.

Contractors & Builders.
 Allen, Alex. M.
 Anderson, W. W.
 Arter, Frank.
 Bateman, J. C.
 Boring, F. H.
 Horn & Son, S. A.
 Braunton Bros.
 Burdick, Vm. A.
 Caldwell & Co.
 Conrad & Disson.
 Cavanaugh & Ve-
 rone.
 Chisholm, R. A.
 Cobby, J. W.
 Concannon, W. N.
 Elam, Thos. H.
 Creghino & Son, Lewis
 Dewar, R. & Son.
 Glaser, Frank.
 Elliott, E. W.
 Fahy, R.
 Fischer, Fred.
 Franz, Val.
 Frost, T. P.
 Gillespie, G. G.
 Glaser, Frank.
 Gardiser, Florent.
 Greig, Robt.
 Hansbrough Bros.
 Healy & Tibbitts
 Con Co.
 Hinson, L. A.
 Hill, J. A.
 Holmes & Son.
 Howkins, A.
 Ingerson, C. A.
 Jacks, H.
 Jones, W. G.
 Kent, S. H.

Knowles & Relch-
 ley.
 Lamb & Bergstrom
 Letter, E. T. & Sons.
 Lynch, M. C.
 Masow & Morrison
 Mathews Con. Co.
 Mathies, H. C.
 McBaln, J.
 McKilloan, R. W.
 Wm.
 McLachlan, Thos.
 Miller, Adam.
 Moller, R. W.
 Morey, H. B. & Son
 Owsley, B. T.
 Penny, Isaac.
 McLaren & Peter-
 son.
 Robinson & Gil-
 lespie.
 Savage, M. J.
 Simmen, John.
 Smith, J. W. & Son
 Spence, A. T.
 Stenholm & Al-
 syn.
 Terrill, G. C.
 Walker Bros. Co.
 Walker, H. C.
 Buller, Thos.
 White Bros. (car-
 penters)

Carpenter Works.
 Anisler, C. S.
 Berger Mfg. Co.
 Capitol Sheet Mtl. Works.
 Comyns & Child-
 ers.
 Conan, J.
 Cronan, Wm.
 Forderer Cornice Works.
 Gulliver, J.
 Works.
 Cornice Works.
 Appmann Cornice Works.
 Hadd, Wesley.
 Morrison & Clark.
 S. F. Cornice Co.
 Western Furnace & Cornice Wks.

**Grading & Team-
 ing.**
 Church, D. O., Co.
 Dillon, D.
 Eureka Teaming Co.
 Fay, S. J.
 McClure, H. N.
 Wilhelm, A. H.
 Williams, F. A.
 Wright, Chas.
 Monarch Teaming Co.
 Sibley, L. B.
 McLeneagan, S. H.
 Granite Co.
 Bradbury Bros.,
 Cal. Granite Co.
 De Lano & Sons,
 C. L.
 Hunt, A. T.
 Raymond Granite Co.

Hardware.
 Brittain & Co.
 Kruse, J. H.
 Lorenz, Schaffner & Co.
 Meyer, A.
 Palace Hdq. Co.
 Bent and Lillard.
 Pacific Gas and Electric Co.

Glass and Glazing.
 Cal. Plate & Win-
 dow Glass Co.
 Cohen, I.
 Cobblehead Glass Co., L. N.
 Friedman Bros.
 Fuller, W. P. & Co.
 Habenicht & Howlett
 Holland, J. P.
 Schwab, J. Gott-
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Lumber.
 Lynch, Richard
 Snell & Dennis
 Raymond, W. H.

Curbing, Granite.
 McLeneagan, S. H.
Damp Proofers.
 Brickley, P. J.
 Reigle & Jamison

Gen. Contractors.
 Andrus, R. C.
 Brigham, H. B.
 Caldwell & Co.
 Cereghino & Son, Louis
 Currie & Currie
 Dempnak Bros.
 Farquharson, D. E.
 Fee, Grant.
 Fluth & Morton
 Fraser & Fraser
 Graham, D. E.
 Griffith, Wm.
 Hannah, J. D.
 Hannah & Co. J.S.
 Hayes, W. W.
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 Kuykendall, J. O.
 Malley, Edward.
 Mathies, Henry
 Pearson, Chas.
 Schnebly, Host-
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 Brickley, P. J.
 Reigle & Jamison

Architectural Iron Works.
 Acme Iron Works.
 Bay City Iron Works.
 Central Iron Wks.
 Dyer Bros.
 Eureka Iron Wks
 Korkick - Falls Mfg. Co.
 G. G. Structural Iron Works
 Hillard, C. J. Co.
 Judson Mfg. Co.
 Mortenson Cons.
 Michaels & Pfeiffer
 Phoenix Iron Wks
 Talston Iron Works
 Thraher Iron Works
 Helger & Kerr
 Stove & Foundry Co.
 Vulcan Iron Wks.
 Western Iron Wks
 Withington, C. W.
Art Glass.
 Cal. Art Glass Co.
 Ingerson & Glaser Co.
Blacksmith.
 Paul Kleiber
Bonds.
 American Bonding Co.
 Costello & Cutler
 Ins. Co.
 Book, F. W.
 Empire State Surety Co.
 Fidelity & Deposit Co. of Maryland
 Gaie, M. A.
 Hillman & Son, J. R.
 Landon, E.
 Lloyd & Spengler
 MacMeans, H. V.
 National Surety Co.
 Pacific Coast Sassa-
 lity Co.
 Pacific Surety Co.
 United States Metal Products Co.
 United States Fidelity and Guaranty Co.
Brick and Pottery.
 Bay Development Co.
 Carey, J. E.
 Carnegie Brick & Pottery Co.
 Carquinez Brick & Pottery Co.

Gen. Contractors.
 Andrus, R. C.
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 Mathies, Henry
 Pearson, Chas.

Masons & Builders

Alexander, R.
Allen, C. J.
Anderson & Raine
Arlett, A.
Brock, A.
Brady, M. V.
Brady, O. E. & Son
Brandon, E. J.
Brennan, J. E.
Brigham, H. B.
Butcher, Thomas
Cocher & Hoxley
Byron, D. J. & Son
Campbell Bros.
Carr, J. W.
Drake, Harry E.
Downey, J.
Farrell & Reed
Fennell, Jas.
Gale, M. E. & Son
Gilson, J. E.
Harrison, A.
Hibbins & Baker
Hock, Chas.
Hoffman, W.
Hosberg & Ludwig
Jensen, H. H.
Lawson, A. W.
McGowan, M.
Miller, J. W.
Murray & Mowbray
Mulehach Bros.
Nagel, W. L.
O'Connor & Collins
O'Rourke, T. F.
Ralney & Phillips
Ringrose, R. & Son
Scott, W. S.
Walker, P. J.
Watson, Sage
Watson, Sidney
White, J. M.
Whitney & Davies
Wilson, James A.
Wizant, J. H.

Marble.
American Marble & Mosaic Co.
Columbia Marble Co.
Gervais, Henry

Grassl, Peter, Co.
Hunt, Andrew T.
Malno, F. L. & Co.
Musto & Sons, Jas.
Keenan Co.
Vermont Marble Co.

Manateles, Tiles Grates.

Kirwin & Donovan
Mangrum & Otter
Montague & Co. W.
Peerless Agencies
Metal Furring & Lathing.
Holloway Expanded Metal Co.
Lynch, H. T.
National Lathing and Furring
Northwestern Expanded Metal Co.
Roehling Sons, John A.

Metal Window Works.

Dwan, J. E.
Monite.
Amer. Marble & Mosaic Co.
Gervais, H.
Malno, F. L. & Co.

Office Fixtures.

Bateman, Wm.
Forbes & Son, A. J.
Fink & Schindler Co.
Simmen, John

Painters.

Daniels, Gus V.
Donovan, V. J.
Fraser, J. P.
Kuss, P. N.
Lewellyn, J.
Maudrell, H.
Spark, J. H.
Tucker, W. W. Co.
Neal, L. J.

Paint Corner

Paint (Damp Resisting).
Dwan Co. J. E.

Paints, Oils, Etc.

Bass - Hunter
Fuller & Co. W. P.
Kuss, P. N.
Maudrell, H.
Pacific Refining & Roofing
Paraffine Paint Co.
Whittier - Coburn Co.

Patent Chimneys.

Clawson & Co., L. E.
Dunlevy & Gettle
Dresser - McDonnell Co.
Cal. Pottery Co.

Planing Mills.

Anderson Bros.
Buell Co., Guy A.
Burnham - Stanford Co.

Ca. Door Co.

Central Lumber & Milling Co.
Elkington & Huckle

Herring Mill (Inc)

Kendall, A.
Kruse, J. H.
Lorden Mill Co., J. P.

Moore Mill & Lumber Co.

National Mill & Lumber Co.
Pacific Mfg. Co.

Reinhart Lumber & Planing Mill

Reilly, P. F.
Santa Clara Mill & Lumber Co.

San Mateo Planing Mill.

Searle & Hayman
Taylor & Co.

Plasterers.

Blinner, Theo.
Carrick, M. H.
Chalmers, H. A.

(Inc.)**Clark, D. Russ.**

Crichton, J. L.
Coughlan, Frank
Connolly, J. J.
Connell, J. E.

Fay, John

Felt, R. L.
Floodberg & McCaffery

Fraser, Simon

Gregg & Clute
Jacobson, N.
Knowles A.

Leaf & Kaiser

Lyden & Bickel
MacGruber & Co.
Mennie, Alex.

McCleod, J. C.

Morehouse, C. C.
O'Kane & Co. C. T.
O'Sullivan & Bowler

Smith & Johnson

Lucas, W. E.

Plumbing & Gas Fitting.

Ahlbach & Mayer
Bernard, G. F.
Burnham Plumbing Co., Inc.

Dalziel, R. Jr. Co

Gilley-Schmid Co.
Levy, M.

Looney, J. Co.

(Inc.)
Snook & Co.

Frederick W.

Sutton, John G. Co.
Turner Co., The

Real Estate.

Williamson Co., H.
Wiltman - Lyman
Cross & Co.
Urban Realty Impt. Co.

Riggers.

Blume Contracting Co.
Pioneer Const. Co.

Crushed Rock.

Holland, J. P.
S. F. Bay Imp. Co.
Stone, E. B. & A. L.

Roofing Composition.

Artolith Mfg. Co.
Bender, J. W.

Fibrestone Roofing Co.

Larkin Asphalt & Paving Co.

Magnesia Asbestos Supply Co.

Malott & Peterson
Manville Co., H. W. Johns

Meurer Bros. Co.

Pacific Refining & Roofing Co.
Paraffine Paint Co.

Samuel Co., H. D.

Western Asbestos Mag. Co.

Watson Roofing Co.

Sand, Gravel, Etc.
Cassaretto, John

Holland, J. P.

Keystone Sand Co.
Sentry Floor Co.

Stone, E. B. & A. L. Co.

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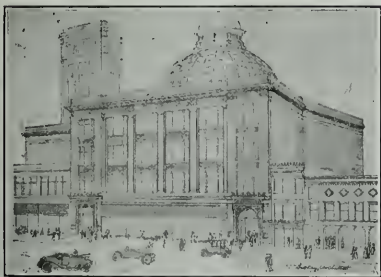
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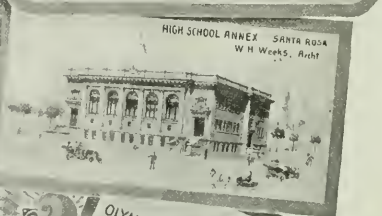
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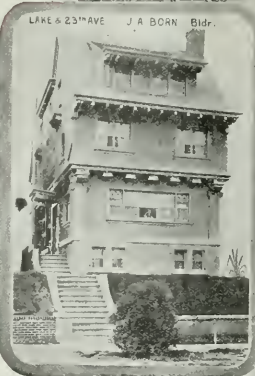


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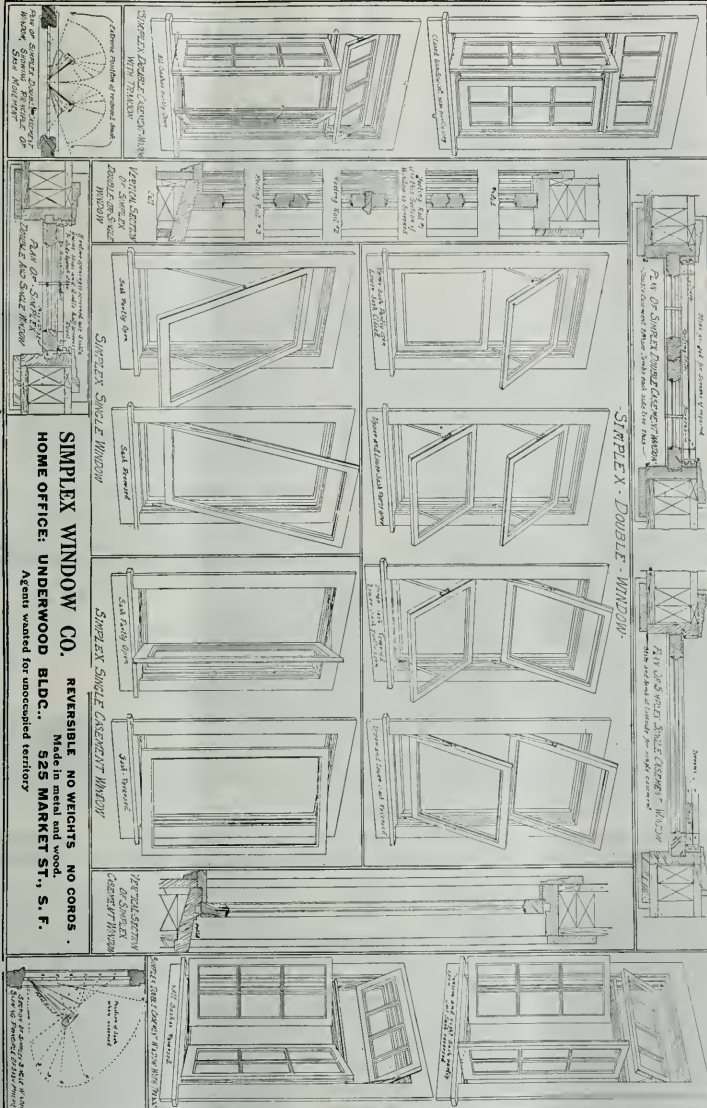
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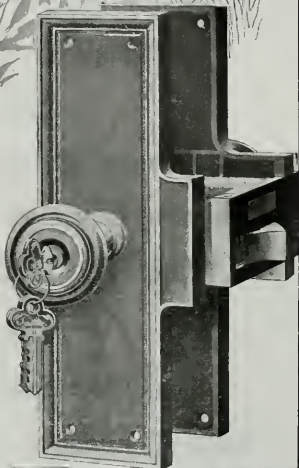
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Editorial Comment.

England has decided to exhibit at the Fair. This is as it should be for England above all is a manufacturing and commercial country and its shipping ranks easily first of all nations of the world. As the canal changes the world's routes of commerce the natural place for such a representation is at an exhibition commemorating the event.

There has been quite a number of world's fairs within the last twenty years. Manufacturers have been called upon to exhibit thereat and the manufactured product is no longer the object of interest to the average person that it once was. The show windows of the big stores of the great cities daily exhibit almost every product of the world. So that to be of interest to the average person the manufacturer must exhibit the process. This in many cases is undesirable from the manufacturer's standpoint, as it discloses patents and methods of manufacture that they do not wish to disclose.

So also the objection is raised that a general world's fair can not reach specialized industry as the field is too large and too complicated. This in a great measure is true as it is impossible to have a complete exhibit of everything. But the exposition will give an opportunity to exhibit for all people who are seeking a market throughout the world. For it is the last great event in shortening the lines of transportation and marks a distinct change in the world's progress.

The question came up periodically as to providing a means of access to the Marin shore from the north beach of San Francisco rather than have the boats land at the ferry as they now do. It is only a question of time till this is done and on the completion of the Stockton street tunnel the plan will become more feasible.

It would cut the bay trip in half. It would lessen the danger of collision on the bay and prevent congestion of traffic. It would shorten the distance and lessen the traffic on the lower end of Market street. The time will soon come when something like this will have to be adopted.

A picture of the remarkable growth of New York City is given by Doctor Lyman Abbott in a recent number of The Outlook. In the article he quotes a description of New York in 1810, which he wrote when a young man. At that time the great metropolis had a population of 313,000. And the attitude of the men in charge of the municipal affairs is characterized by

him as wanting in foresight and planning for the future.

"There was no forelooming," Doctor Abbott says, "to see what public interest demanded. No adequate changes had been made in the form of municipal government. * * * The municipal government was a prize, not a trust. The best citizens were too busy in attending to their own interests to care for those of the municipality. By common consent the administration of its affairs was allowed to fall into the hands of men who had no interests of their own to attend to."

The city's appearance reflected the inefficiency of its government. The traveler landing at a wharf, Doctor Abbott says, had to fight his way through a mob of profane hackmen. The streets were ill-lighted and worse paved. In many thoroughfares there was no paving at all, and horses sometimes stuck in the mud. Up to 1845 there was no sewer system. At that time a resolution was finally adopted, after a hard fight, to permit pipes which had been installed as drains to be used as sewers.

There was no police force. Constables and deputy sheriffs were on duty by day. At night laborers were employed as night watchmen. "Broadway was so infested at night that no person could pass through it after nightfall with impunity. Disorderly women thronged the public thoroughfares, insulting almost every passer-by with their obscene jests and horrible profanity. No lady could venture into the streets alone."

"If there has been an ordinance against throwing garbage into the streets there were no police to enforce it. It was a common, if not a universal practice. The public thoroughfares reeked with filth which was positively appalling. New York enjoyed and deserved the reputation of being at once the most prosperous and the worst governed city in the world."

So that with all our modern defects the present time is not much worse than the period that preceded it.

Mortgages for the past week amounted to more than a million dollars, according to reports given out by the Recorder's office. This speaks well for the building business, for perhaps more mortgages are placed on record for building and development than for any other one thing. So that there seems to be a loosening up in the money market at least and a general movement toward doing something with the opening of spring. Let the good work go on. Something doing every day and we will forget about the Mexican situation and the fact that William Randolph Hearst is hursting with the Spirit of '76 and wants to offer his life and fortune on the altar of liberty.

The Present Status Of The Rights Of Municipalities On Water Extensions And Improvements.

Address by B. D. Marx Green, City Attorney of Antioch and Pittsburgh, Before the Sixteenth Annual Convention of the League of California Municipalities Held at Venice, California, October 6-11, 1913.

Reprinted from *Pacific Municipalities*, February, 1914.

This topic naturally falls under three main heads:

(1) The right to compel extensions of service;

(2) The right to compel betterment of service for Domestic Use.

(3) The right to compel betterment of service for Fire Protection Purposes.

I will briefly take up each of these subjects in their proper order.

I.

Before Section 19, Article XI of the Constitution of the State of California was amended in 1911, the relation of the municipality towards the water company was comparatively simple. If the city did not own its water works, a water company had under the Constitution the right to use the public streets without obtaining a franchise from the city. The only control that the municipality had over the company was its right to make general regulations for damages in the tearing up of the streets and its duty to fix rates annually which was made mandatory by Section 1, Article XIV of the Constitution. After the Constitution, however, was amended in 1911, public service corporations were no longer given the constitutional right to use the public streets without a franchise.

The Appellate Court succinctly quotes the law in *Lukrawa, et al. vs. Spring Valley Water Company*, 15 C. A. D. 795, where it says:

"It will thus be seen that public service corporations have no longer any legal right to use the streets of a municipality which they did not occupy prior to the constitutional amendment of 1911, and that such corporations may now extend their service into new territory in and along the streets of a municipality only upon securing a franchise from the municipality for that purpose."

Now it is a general principal of municipal corporation law as also stated in the *Lukrawa* case:

"that a water company, committed by its charter to the public service, is in duty bound to serve the whole public, and that when necessary to such service the company's existing mains must be gradually extended so as to keep pace with the growth of the community which the company has undertaken to serve."

But when the Constitution was amended the situation became very complex. The *Lukrawa* case was a petition for a writ of mandate directed against the Spring Valley Water Company in San Francisco to compel it to extend its mains through a portion of the city which it was not then serving

and had refused to serve. The court there said that if the company had no right to voluntarily go into a street in which it had not laid its pipes before the Constitutional Amendment, no court could now compel it against its will to go into that street.

We have then this definite principle that a water company having no franchise granted by the legislative body of a municipality has now no right to enter upon any street in which it had no pipes prior to October 10, 1911, the date of the adoption of the Constitutional Amendment. So much for extensions of existing service.

II.

In regard to improvements of existing service, which do not contemplate extensions into new territory, there seems to be no doubt, judging by the recent decisions of the Railroad Commission, that upon proper complaint filed with that body, a municipality or any citizen may obtain redress against a water company which is not furnishing service adequate for domestic uses. By domestic uses I mean water for consumption as distinguished from water for fire protection purposes. If a pipe in a street is of insufficient size to furnish enough water for ordinary household use, the Railroad Commission can order the company to put in such equipment as will adequately supply the demand. To accomplish this, they cannot, however, compel the company to install service pipe in a street not already occupied by the company. They can only order the betterment and improvement of existing service.

III.

In regard to betterments for fire protection purposes, we have before us a subject which is very broad and comprehensive and in relation to which the recent decision of the State Railroad Commission in the case of *Lewis vs. Peoples Water Company* has set a far-reaching precedent. In order to get a clear grasp of the subject and a concrete point from which to commence, it might be as well to review the state of facts brought out in that case. In a recently published report by the City Club of Berkeley, voluminous statistics were produced showing that the water company supplying the county of Alameda maintained in its distributing system 47% of mains of a size of two inches and under. Naturally, under such conditions, there has been for many years grave complaint relative to the quantity of water available for fire protection purposes. As a culmination, early this spring at a fire in the hilly east section of Berkeley, two houses were totally destroyed owing to lack of water with which to fight the flames. It was necessary for the fire department to pump from a six-inch main for a distance of twenty-five hundred feet and to an elevation of three hundred feet. Under such circumstances great delay ensued, and it was impossible to obtain more than one stream of water. If the two-inch pipes nearer of access to the fire had been

larger in size there would have been plenty of water and slight loss. On this given statement of facts I filed a complaint with the Railroad Commission, asking that an order be made requiring the defendant to install and maintain for fire protection purposes a six-inch main instead of the present two-inch main. The pleadings impliedly admitted that sufficient water was furnished for domestic uses, but that for fire protection purposes the supply was insufficient. The matter was thus concretely brought before the commission.

The water company being already in possession of the street, I was not asking an extension of service, but merely an improvement. By consent it was stipulated that if the improvement could be ordered, jurisdiction so to do lay in the Railroad Commission. There had been grave doubt about the question of jurisdiction as the Berkeley Charter contained a provision that the City Council should have the right to regulate the size and location of water mains. The Public Utilities Act says that the Railroad Commission is vested with power over service, equipment, etc., unless that power has been vested in the municipality under its charter or its police power. My contention is that the above section of the Berkeley Charter is unconstitutional (and also the like sections of any city charter adopted before the Constitutional Amendment) and as the question did not really concern the merits of the case, both sides agreed that it should not be considered. But I wish to call the matter to your attention in passing as it is liable to arise in some future case.

The Railroad Commission finally decided that neither it, nor by implication any other body, has the right to order a water company to enlarge its mains for the purpose of furnishing fire protection. The opinion was handed down by Commissioner Thelen and is a very well considered collection of all the authorities and covers sixteen full typewritten pages. I shall attempt to give you a very brief resume of his reasoning, and in language as untechnical as possible. The crucial point, as I gather from his opinion, is that our Court of last resort has definitely decided that a water company cannot be held liable for damages for a fire caused by lack of water unless there is a specific contract between the water company and the consumer under which the water company agreed to furnish adequate fire protection; therefore, there cannot be a duty to have the water on hand if there is no liability for breach of that duty. In the celebrated case of *Nielson Brothers Company vs. Contra Costa County Water Company*, 153 Cal. 265, an action was brought to recover damages against the defendant water company for an alleged breach of contract to supply water to the plainiff's premises for fire protection. Plaintiff alleged that its planing mill in West

Berkeley had been destroyed by the failure to furnish sufficient water for fire protection and recovered a large judgment in the court below. The Supreme Court reversed the judgment, on the ground that there was no contract between the parties for the supply of water for fire protection purposes sufficient to justify a recovery.

The Court first finds that there was no express contract between the parties. Plaintiff then contended that an implied contract arose from the fact that plaintiff had installed fire hydrants and that under an ordinance of the city of Berkeley, 50 cents per month was payable from plaintiff to defendant for each of said hydrants. The plaintiff claimed that the ordinary relation of public distributor of water and consumer was sufficient, under the ordinance, to impose upon the defendant the obligation to supply it with water for fire protection. Referring to this point, the Court says at page 316:

"No liability such as the plaintiff claims was ever contemplated where the only relation shown is such as proceeds from the fact that the water company has undertaken to furnish the inhabitants of a municipality with water, has connected its mains with the premises of a consumer, and is charging ordinance rates for the water supplied or to be supplied."

Again at page 317:

"It would appear that in the nature of the situation itself no obligation, implied or otherwise, to have constantly on hand a supply of water for fire protection could arise."

The Court then continues as follows:

"While it is to be presumed that the rates established by a municipal ordinance are fair and reasonable, the presumption only applies as far as such rates fix the compensation to be paid the company for furnishing water to consumers as a commodity. They are not fixed as a consideration under which the company obligates itself to furnish water for the extinguishment of fires with a corresponding liability for failure to do so. And from the fact that under the ordinary relation of public service corporation and consumer that the only duty of the company is to furnish water as a commodity and not for the purpose of extinguishing fires that liability for damages for failure to supply it for the latter purpose can only be created by express contract."

The Court then, at page 317, refers to the well established rule that a property owner has no right of action against a water company under its contract with a city to supply water to public hydrants for the protection of his property, although his loss may have been occasioned by the negligent failure of the company to have on hand a supply whereby the loss might have been prevented.

Continuing, the Court says at page 318:

"Applying the reasoning of these authorities to the relation between the company and the consumer here, it is apparent that from the relation no obligation to furnish water for fire protection is implied, nor can it be said to exist in the absence of an express contract."

Referring to the question of the increased rates which would have to be paid if water companies assume to

protect against fire, the Court says at page 319:

"In the nature of things, the compensation fixed by the municipality has no relation to the assumption of any such liability; that compensation is based on the expense of furnishing water simply as a commodity; liability for destruction of premises to which the company may be required to supply water was not taken into consideration in fixing the rates, nor, we apprehend, was it even thought that any such liability could be imposed by the ordinance, or was to be assumed by the company in doing so."

Referring to the contention that a contract arose from the fact that the water company charged the monthly ordinance rates for the hydrants installed upon plaintiff's premises, the Court says at page 320:

"But these were not paid by reason of any contract between it (plaintiff) and the defendant. If a voluntary contract had been made between them under which a stipulated monthly sum was charged plaintiff by defendant for connecting its mains with the hydrants of the plaintiff, it might reasonably and plausibly be argued that fire protection was contemplated as the only advantage to be derived therefrom. Here, however, there was no such contract. While the municipality has the constitutional power to fix the rates at which a water company may supply water to its inhabitants, this applies only to the establishment of rates for the supply of water as a commodity, and while it may contract with the company for general protection against fire of the property of its inhabitants and expressly contract for protection of its own municipal property, it has no authority to arbitrarily impose upon a water company liability for the destruction of property of the individual citizen on account of an inadequate water supply by simply fixing an ordinance rate for hydrants which the citizen may install upon his premises."

The Court then refers to the enormous liability which a water company would be compelled to assume upon the plaintiff's theory without any adequate consideration and concludes at page 322, that the only relation shown to exist between the plaintiff and defendant was that the water company engaged in distributing water for public use to a consumer who had availed himself of his legal right to have the company connect its water system with his premises for the purpose of furnishing him with water solely at ordinance rates fixed by the Town of Berkeley, and that under these circumstances,

"No liability is imposed by any statute of this State upon such public service company for failure, from whatever cause, to have a supply of water available on the premises of the consumer for use in fire protection, although he may have installed ample facilities for that purpose, and no legal liability for such failure, independent of the statute, is implied from the relation; that such liability can only be created by contract between the parties under which the water company expressly assumes the liability."

As no contract was proven, the plaintiff was held to have no right to maintain the action.

My contention in response to this

case was that under Sections 13 (b) and 42 of the Public Utilities Act the Railroad Commission had the right to make it the duty of the water companies to supply sufficient water for fire read as follows:

"Sec. 13 (b). Every public utility shall furnish, provide and maintain such service, instrumentalities, equipment and facilities as shall promote the safety, health, comfort and convenience of its patrons, employees and the public, and as shall be in all respects adequate, efficient, just and reasonable."

"Sec. 42. The Commission shall have power, after a hearing had upon its own motion or upon complaint, by general or special orders, rules or regulations, or otherwise, to require every public utility to maintain and operate its line, plant, system, equipment, apparatus, tracks and premises in such manner as to promote and safeguard the health and safety of its employees, passengers, customers, and the public, and to this end to prescribe, among other things, the installation, use, maintenance and operation of appropriate safety or other devices or appliances, including interlocking and other protective devices at grade crossings or junctions and block or other systems of signalling, to establish uniform or other standards of equipment, and to require the performance of any other act which the health or safety of its employees, passengers, customers or the public may demand."

Commissioner Thelen, however, in his opinion says that he cannot find in those sections any intention to impose upon the water company a duty with reference to fire protection which did not exist before the enactment of the Public Utilities Act. He says that the effect of these sections is not to add to the duty of a water company with reference to fire protection, but rather to declare that a water company shall perform its full duty to the public in all respects in which it is under obligation to the public, and to state that the Railroad Commission may enforce the performance of those duties.

I also contended that the Niehaus case was not applicable in that we did not demand that the water company by making the improvement should be considered the insurer of property. I claimed that the company could be compelled to put in larger mains and install hydrants and then, by order of the Commission be made to furnish such water as was available. If sufficient water was not there in case of fire no liability for actual damages should rest upon the company; but if it had not complied with the order of the Commission in turning water from certain reservoirs into those pipes, then the company would have to answer for disobeying the Commission. But the Commission says that in the absence of a liability, it is difficult to find a duty, and if the company cannot under the law be held liable for damages if it does not have enough water in the pipes, then certainly neither the Commission nor any other body has the right to order it to have that water in the pipes. And yet it is very hard to reconcile the Commission's language in this case with the acts of the Commission in other cases where it has ordered extensions and improvements in

water service for domestic purposes. No one contends that the company is liable for damages if it fails to obey the Commission's order to install improved service for domestic uses, but it must face the penalties prescribed by the Public Utilities Act. Why, then, cannot an order of the Commission be made just as appropriate in cases of improvements ordered for fire protection purposes? I cannot do better in closing than to quote you verbatim the concluding portion of the order in which the Commission discusses the general aspect of the case, and the way in which it will be possible for the municipality to solve this very grave question. The Commission says:

"If the conclusions herein stated are correct, we are confronted with the practical question as to how an individual is to secure adequate fire protection for a house located in outlying sections of a territory supplied by a water company, in which the size of the mains and the pressure are not sufficient to furnish adequate fire protection. In some of the cases the Courts have suggested that a loss by fire may be guarded against by insurance, and that the collection of the insurance, if a fire results, is an adequate remedy. While such remedy may seem adequate in law, it will afford little comfort to a person who is compelled to stand helplessly by and see his property destroyed.

"The desired fire protection may, of course, be secured by contracts with water companies on the part of municipalities and individuals, in case the water companies are willing to enter into such agreements. Such conditions as may be deemed necessary may doubtless be inserted in charters and franchises and become operative as to water utilities hereafter entering the field, but this procedure could not be availed of as to companies now operating under existing charters and existing franchises not containing the desired conditions.

"San Francisco and Oakland, and possibly other cities in this State, have, at public expense, installed auxiliary fire protection systems. It may be that other cities in California will find such a course to be a solution of the difficulty with reference to fire protection in cases in which the existing water plants do not in connection with their domestic service supply facilities and water sufficient for fire protection purposes. When a city installs a fire protection system it acts under the same theory under which it acts when it installs adequate police protection. In either event, it acts in pursuance of its public safety and general welfare.

"Ownership and operation of the existing water plants by the municipalities will not in and of itself provide the desired remedy, for the reason that it has been universally held that a municipality owning and operating its own water system is not liable in damages for destruction of property caused by the failure of the municipality to supply adequate facilities for fire protection purposes. See *Town of Ukiah vs. Ukiah Water and Improvement Company*, supra, at page 178, where a large number of authorities are cited."

How then are we going to tackle this problem? The public service corporation owes a certain duty to the municipality. Some people may say that it

would bankrupt many of the water companies to be compelled to enlarge their plant to a size sufficient to afford fire protection. My answer to them is that no firm or corporation has any right to engage in the business of furnishing a public commodity to a municipality unless it has resources behind it sufficient to serve that commodity in a proper manner. If it is compelled to enlarge its plant and give better service and the municipality refuses to make each year rates adequate to pay interest on the increased investments, the utility always has the protection of the court and may throw

about itself the mantle of the Federal Constitution which provides that no man's property shall be taken without the due process of law. We have reached a grave crisis which means either municipal ownership or extensions and betterments of the existing service of private corporations. My own conclusions on the subject are that proper legislation should be enacted by the next Legislature dealing specifically with this very important problem, or, if that will not offer us a remedy, then the People should solve it by Constitutional Amendment. (Applause).

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment houses, 2, 3 story and base, frame, \$35,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. These buildings will be erected at the southwest corner of Jackson and Taylor streets, and will be built around a large open court in such a manner that all apartments will have outside exposures. The buildings will cover an area of 68 feet 9 inches by 87½ feet, and will be arranged to contain six suites of five rooms and six suites of four rooms. Interior will be finished in pine and hardwood veneer, with oak floors in the principal rooms. Plans provide for steam heat, oil burning furnace, folding ironing boards, wall beds and portable vacuum cleaners. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the buildings will be covered with cement plaster on metal lath. A brick veneer base will also be used. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 3 story and base frame. Cost not stated. Architect, O. R. Thayer, Merchants' National Bank Bldg., S. F. Owner, E. J. MacDonald. The building will be erected at the southwest corner of Duboce and Walter street, and has been designed to contain three suites of three rooms each, one suite of four rooms and a seven-room flat, which will be occupied by the owner. Interior finish will be of pine and elm panels. Some oak floors will be used. All suites will have wall beds and private bath rooms. There will be a central heating system and hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster and rustic. Plans are complete and have been out for figures. A contract will be awarded within a few days.

SAN FRANCISCO—Apartment house, 3 story and base frame, \$10,000. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, Mrs. M. Maher. The building will be erected at the southeast corner of Cole and Fulton streets, covering an area of 25 by 62½ feet. Interior will be arranged for eight apartments of three and four rooms. All suites will have wall beds and pri-

vate bath rooms. Interior will be finished in pine and redwood with some elm panels. Bath rooms will have tile wainscot and composition floors. Exterior will be covered with rustic and cement plaster on metal lath. Plans will be out for figures in a few days.

OAKLAND, CAL.—Apartment house, 2 story and base, frame, \$10,000. Architects, Thomas & Oliver, Pantages Theatre Bldg., Oakland. Owner, Charles L. Gifford, 5631 College avenue, Oakland. The building will be erected on the east side of College avenue south of Keith, and has been designed to contain a total of 18 rooms, which will be arranged in two and three room suites with baths. Interior finish will be largely of pine with some elm panels and hardwood floors. There will be a central heating system, probably steam heat, and a hot water plant. Bath rooms will have composition floors and tile wainscot. All suites will be equipped with wall beds. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. The owner is taking figures for materials.

LOS ANGELES, CAL.—Apartment house, 4 story and base, reinforced concrete. Cost not stated. Architect, C. W. Stewart, Waverly Apartments, 2 A. Owner, Walter I. Wilson. The building will be erected at 133 West 21st street, having a frontage of 40 feet and a depth of 100 feet. There will be a total of 2 rooms, arranged in two and three room suites. Interior finish will be of pine with some hardwood veneer. Oak floors will be used in the living and dining rooms. All suites will have private baths and wall beds. Plans provide for steam heat, an automatic elevator and hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with tile. Plans are complete and work will be done by subcontract under the direction of the owner.

LOS ANGELES, CAL.—Apartment house, 4 story and base. Class C construction. Cost not stated. Architect, Leonard L. Jones, 1 W. Hellman Bldg., L. A. Owner's name withheld. The building will be erected at the corner of Orange and Kip streets, covering an area of 160 by 120 feet. There will be a total of 148 rooms arranged in two and three room suites with private baths. Interior will be finished

in pine and hardwood. Plans provide for steam heat, elevator service, wall beds, a vacuum cleaning system and hot water supply. Bath rooms will have tile wainscot and composition floors. Marble and tile will be used in the entrance. Exterior of the building will be faced with pressed brick. Preliminary plans only have been prepared.

PORTLAND, ORE.—Apartment house, 3 story and base, brick, \$35,000. Architects, Clausen & Clausen, McCleay Bldg., Portland. Owner, I. Holman. The building will be erected at the corner of 21st and Overton street on property 50 by 100 feet. Interior has been arranged for a number of two and three room suites with private baths and wall beds. Interior finish will be of pine and hardwood veneer. Plans provide for steam heat, a hot water supply and vacuum cleaning system. Bath rooms will have tile wainscot and composition floors. Tile and marble will be used in the entrance. Exterior of the building will be faced with pressed brick. Plans are complete and segregated figures are now being taken.

SAN FRANCISCO—Apartment house, 7 story and base, reinforced concrete and steel, \$170,000. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner, A. W. Wilson. The building will be erected on Powell street north of California, covering an area of 68 feet 9 inches by 137½ feet. Construction will be fireproof throughout. The architect has provided for a seven-story, basement and sub-basement building covering the entire lot and containing fifteen apartments, arranged as follows: Two apartments of five rooms and bath and one apartment of seven rooms and bath on the first floor, and two apartments of eight rooms and three baths each on each of the six upper floors. Each apartment will be provided with the most modern appliances, including open fire places, dressing tables, steam heat, hardwood floors, service elevators, vacuum cleaning system, etc. A feature of these apartments will be that the main living and dining rooms will be located in the rear of the building to give the tenants an unobstructed view of the bay and Alameda a Marin shores, the main sleeping rooms being in the front and overlooking the Fairmont gardens. Annexed to the dining room in each apartment there will be an open air dining porch which will be connected by means of glass doors. The exterior of the building will be designed in French renaissance, with iron balconies at the windows and across the entire top floor, a feature familiar to all Parisian apartment dwellings. Over the main entrance will be an ornate hammered iron and copper marquise, giving approach to a Caen stone vestibule and lobby. The lobby will be finished in mahogany, with art glass ceiling lights and marble wainscot. The suites above are designed for interior decoration in French renaissance finished in combination of white china gloss and mahogany. The bath rooms are to have recessed tubs set in tile floors and walls, with automatic showers, and pedestal lavatories. Doors are arranged in groups of three to form dressing mirrors. The kitchen will

have patent coolers and a system of ventilation operated by an exhaust fan, so that no odors can escape into the building. Space has been provided for thirty servants' rooms and chauffeurs' rooms in the basement, in addition to the servants' rooms within the apartments. The main passenger elevator will be operated from the sub-basement to the roof. In the sub-basement will be a large garage for the storage of automobiles belonging to tenants. This garage is reached by means of a direct entrance from the street, which also connects directly with the elevator. Opening directly from this automobile entrance is a spacious ballroom. Contracts will be awarded shortly.

SAN FRANCISCO—Apartment house, 6 story and base, brick and steel, \$78,000. Architects, Dunn & Kearns, Monadnock Bldg., S. F. Owner, T. J. Young. The building will be erected on the north side of Pine street west of Leavenworth, covering an area of 50 by 137½ feet. The plans show the building to be arranged for six four-room apartments on each floor, but, by ingenious planning for fireproof sliding doors in decorative panels properly deafened, each of the small apartments can be changed at will from four rooms up to a large apartment of eight rooms, so that a selective grouping of all spaces may be obtained. All the apartments will have a large living room en suite, with the dining room and entrance foyer done in soft French gray tones, with mahogany doors. The chambers are arranged with large dressing closets, pier mirrors, etc. The baths are to have recess tubs, with automatic mixing showers and concealed supplies, pedestal lavatories and flushometer toilets. The kitchens are all to be done in white tile, with fixtures in cabinets, white enameled iron coolers, ice boxes, garbage incinerators and electric dumb waiters will afford the most modern service. A drip system of steam heating, with an oil-burning plant, is to be installed. All radiators are to be of the "direct indirect" style set in recesses of the walls, drawing air from the outside through ornamental brass screens set in the panels in the wainscot. The main rooms in general are to be hung in tapestry paper in panels, with all the woodwork painted in French gray. The larger apartments that are to be leased will be designed in different styles as desired by the lessees. The dining rooms will be wainscoted in oak to the richly ornamented ceilings in the Elizabethan style. The foyers, reception and living rooms are to be designed in the different periods ranging from early English Adam and Georgian or colonial to the various Louis. All the chambers are to be finished in French grays in Louis Sixteenth styles, with chintz hangings. An elevator will be installed running from the basement to the roof, where a solarium with a glass roof and sides with maple floor will be built. The exterior is to be in the Spanish renaissance style, with an enriched base of polychromatic terra cotta. The walls above are to be of cement, with enameled surface. On the sixth floor is an open loggia, with a projecting balcony of wrought iron. The back wall of the loggia is to be tinted in a deep crimson color, relieved by the light green

of the iron work and ornamental palms in porcelain vases. A heavy projecting cornice of metal completes the scheme. Open street courts facing the south in which the fire escapes are placed will give sun and air to the interior apartments. Work will be undertaken as soon as leases and contracts are signed.

BANKS.

Contracts Awarded.

GREAT FALLS, MONT.—Bank and offices, 5 story and base. Class A construction, \$250,000. Architect, Henry Hall Johnson, Henry Bldg., Seattle. Owners, R. S. and L. M. Ford, Contractors, Brayton Engineering Co., Portland. Contract price, \$250,000.

BRIDGES AND DAMS.

SAN LUIS OBISPO, SAN LUIS OBISPO CO., CAL.—Bridges, 2, concrete and steel. Cost not stated. Engineer, County Surveyor A. F. Parson, San Luis Obispo. Owners, San Luis Obispo County. Plans for two new bridges garita Creek and one over San Marcos to be constructed, one over Santa Mar-Creek, have been completed. Bids are now being taken and will be opened on April 7th. Complete information can be secured by addressing County Surveyor A. F. Parson.

SAN MATEO, SAN MATEO CO., CAL.—Bridge, reinforced concrete. Cost not stated. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Plans for a wagon road bridge over Cordilleras Creek in the Second Road District have been approved by the Board of Supervisors. Plans are now out for figures and bids will be opened on April 6th. Complete plans and specifications can be secured from the County Surveyor at Redwood City. An official proposal appears in another column of this issue.

COURT HOUSES.

SEATTLE, WASH.—Court house, 4 story and base. Class A construction, \$350,000. Architect, A. Warren Gould, American Bank Bldg., Seattle. Owners, King County. Plans for the proposed new County Court House have been completed and have been referred by the County Commissioners to the Prosecuting Attorney. Following the attorney's approval bids will be called for at once.

OAKLAND, CAL.—Administration building, 3 story and base. Class A construction, \$50,000. Architects, Milwain Bros., Delger Bldg., Oakland. Owners, San Francisco, Oakland and Terminal Railroads. This corporation has secured a site at the corner of Twenty-second and Grove streets and will erect a substantial building in which will be housed all of the administrative branches of the company. There will be a complete steel frame, exterior walls of brick, faced with pressed brick and terra cotta. Interior of the building will be finished in pine and hardwood. Partitions will be of hollow tile and metal lath and plaster. There will be steam heat and a hot water system. Plans are now being prepared. Further mention will be made of the work.

Contracts Awarded.

MERCED, MERCED CO., CAL.—Court house addition, 2 story and base, reinforced concrete, \$25,400. Architect, County Engineer, Merced. Owners, Merced County. Contractors, Graham & Jensen, 46 Kearny street, S. F. Contract price, \$25,400.

FACTORIES & WAREHOUSES.

VERNON, LOS ANGELES CO., CAL.—Factory building, concrete and frame construction. Cost not stated. Architect, none. Owners, Griffin Car Wheel Co., Chicago, represented by Eccles & Smith, 243 South Los Angeles street, L. A. The building will consist of a foundry, 142 by 180; pattern house, 48 by 108; charging building, 100 by 62 feet; pattern storage vault, 21 by 48 feet; oil house, 20 by 12 feet; coke sheds, 20 by 128 feet, sand sheds, 20 by 86 feet, ovens and scrap bins. The foundry, pattern house and machine shop will be of steel frame construction, with concrete roof and corrugated iron exterior. The charging building, pattern vault, scrap bins, etc., will be of reinforced concrete construction with composition roofing. The coke and sand sheds, etc., will be of frame construction. Plans are complete and figures are now being taken by Eccles & Smith.

LOS ANGELES, CAL.—Warehouse, 3 story and base, brick and steel. Cost not stated. Architects, William Currett & Son, Title Insurance Bldg., L. A. Owners, Rudgear-Merle Co. The building will be erected at the corner of Alameda and Palmetto streets, covering an area of 100 by 272 feet, and has been designed for a warehouse and factory structure. There will be pine trim, metal window sash and frames and fire doors. Plans also provide for elevator service. Exterior of the building will be faced with pressed brick. Plans are being prepared.

Contracts Awarded.

SAN FRANCISCO—Factory, 3 story and base, reinforced concrete, \$12,000. Architect, James T. Ludlow, 604 Mission street, S. F. Owners, National Ice Cream Co. Contractor, Pasqualetti, Humboldt Bank Bldg., S. F. Contract price not stated.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, none. Owners, Leigh and Schultz, 320 8th avenue, S. F. The building will be erected on 21st avenue near Geary and will have a frontage of 25 feet and a depth of 51 feet. There will be two modern flats of five and six rooms. Interior finish will be of pine and redwood with some elm panels. Oak floors will be used in the living and dining rooms. A large open fire place and tile or brick mantel will be used in the living room. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owners and the work will be done by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Flats, 2, 2 story and base, frame, \$4,000 each. Architect, none. Owners, C. J. and W. J. Keenan, Grove and Masonic avenue, S. F. These two buildings will be erect-

ed on the north side of Grove street east of Masonic avenue, and each has been designed to contain two modern flats of five rooms and bath. The buildings will cover an area of 25 by 56 feet. Interior finish will be of pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot and composition floors. Automatic water heaters are specified. Exterior of the buildings will be covered with rustic brick veneer and shiplap. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architects, Havens & Toepke, 46 Kearny street, S. F. Owner, W. J. Black, 475 Fair Oaks, S. F. The building will be erected on Guerrero street south of 25th and has been designed to contain two flats of five and six rooms. The building will cover an area of 27½ by 62 feet. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in each living room. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the owner will do the work by Day Labor.

Contracts Awarded.

SAN FRANCISCO—Flats, 3 story and base, brick, \$6,500. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, Mr. Gosliner. Contractors, John Ratto Co., S. F. Contract price, \$6,500.

GARAGES.

SAN FRANCISCO—Garage, 2 story and base. Class B construction. Cost not stated. Architect, N. W. Sexton, Chronicle Bldg., S. F. Owner, Robert McMillan. The building will be erected on the west side of Valencia street south of Herman. Foundation, walls and floors will be of reinforced concrete. There will be steel roof trusses and hollow tile and metal lath and plaster interior partitions. Metal window sash and frames and special gasoline storage tanks will be used. The structure has been designed for a commercial garage and will contain besides the storage space, machine shop and office. Interior will be finished in pine. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

SAN FRANCISCO—Garage, 2 story and base, brick and steel. Cost not stated. Architect, Grace Jewett, 560 Montgomery street, S. F. Owners, Alice Mertz et al. The building will be erected on the south side of Bush street east of Polk, and has been designed for a commercial garage. The building will have a frontage of 63 feet and a depth of 120 feet. There will be a cement floor, metal window sash and frames and steel roof trusses. Interior finish will be of pine. Special storage tanks will be specified. The building will contain a completely equipped machine shop, office and storage space. Exterior will be faced with pressed brick. Plans are complete and figures are being taken.

OAKLAND, CAL.—Garage, 2 story and base, reinforced concrete, \$20,000. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner's name withheld for the present. The building has been designed for a commercial garage and will cover a considerable ground area. There will be reinforced concrete floor and walls. Interior will be arranged for office, waiting rooms, machine shop and storage space. Pine will be used for trim throughout. Plans include metal window sash and frames and special gasoline storage tanks. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

SAN FRANCISCO—Garage, 1 story and base, brick and steel, \$14,500. Architect, J. R. Miller, Lack Bldg., S. F. Owners, San Christina Investment Co. The building has been designed for a commercial garage and will be erected on the south side of Clay street west of Polk, covering an area of 68 by 127 feet. There will be a cement floor, steel roof trusses and metal window sash and frames. Interior finish will be of pine. There will be modern plumbing fixtures, special gasoline storage tanks and special electric work. Patent store fronts will be installed. Besides the storage space plans provide for a machine shop and office. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

GOVERNMENT WORK AND SUPPLIES.**Canal Circular 819.**

The general purchasing officer of the Isthmian Canal Commission has issued the following circular in connection with proposal No. 819, class 1, tugboats, opening of March 23:

Paragraph 89 of the specifications is hereby changed to read as follows: 89. Electric Plant.—This will consist of two 10-K. W. 110-volt, direct-connected, turbine-driven generators to conform to specifications of the U. S. Navy Department, "17 G. 5 Turbo-Generating Sets," dated December 1, 1913, with the exception that the overload requirement is to be ¾ instead of ½. The turbine and generator to be secured on a common bed plate. The set will be securely mounted on a suitable foundation and located as directed in the engine room. The set must be carefully balanced, run true, and must be able to run under full load continuously without excessive heating or wear. The generating set will be provided with suitable waterproof cover and all necessary tools and wrenches. Turbine and generator to be tested during the general machinery trials.

Pending Projects.

The following projects, bids for which were opened on dates indicated below, are pending in the office of the supervising architect:

Berkeley, Cal., construction, Feb. 18.
Denver, Colo., mechanical equipment, Feb. 16.
Denver, Colo., interior finish, etc., Feb. 16.
Denver, Colo., elevator plant, Feb. 16.
Hilo, H. T., construction, Jan. 15.
Jefferson, Tex., plumbing, etc., Feb. 20.

Reinforcing Steel.

Previous award for furnishing reinforcing steel for use at Fort Mills, P. I., under bids opened by the depot quartermaster at Chicago, Ill., has been canceled and the contract reawarded as follows:

For four sets infantry barracks—Trussed Concrete Steel Co., Detroit, Mich., 8,817 pieces Kahn bars, \$4,773; 12,720 sheets corrugated sheets, \$5,408; 8,640 sheets Hy-Rib-Corr-Mesh, \$5,080; deliveries f. o. b. Youngstown, N. Y.; Corrugated Bar Co., Chicago, Ill., delivery f. o. b. Chicago, bars as per proposal, \$696.98.

Seven double sets officers' quarters—Trussed Concrete Steel Co., 3,451 pieces Kahn bars, \$1,531; 3,472 corrugated sheets, \$1,307; 1,967 sheets Hy-Rib, \$1,127; deliveries f. o. b. Youngstown; Corrugated Bar Co., delivery f. o. b. Chicago, bars as per proposal, \$217.73.

Pocatello, Idaho, Plaster Models.

The contract for furnishing plaster models for the U. S. post office at Pocatello, Idaho, has been awarded to C. W. Buhler, Washington, D. C., at \$178.

Salt Lake City, Utah, Wiring, Etc.

The contract for the extension of the conduit and wiring system in the U. S. post office, Salt Lake City, Utah, has been awarded to Eardley Bros. Co., at \$1,765; included for lighting fixtures, \$300.

Puget Sound, Quay Wall.

The contract for the construction of a quay wall at the Puget Sound navy yard, Wash., has been awarded to L. L. Lent, Bremerton, Wash., at \$12,936.

SAN FRANCISCO—Stables, 5, 1 story, brick or reinforced concrete. Cost not stated. Engineer, Constructing Quartermaster, Fort Mason, Owners, United States Government. Plans for five new stable buildings to be erected at Fort Winfield Scott have been completed and the specifications are now in the hands of the printer. Each building will cover an area of 185 by 55 feet. Bids are to be taken for both brick and reinforced concrete type of construction. If brick is used it will require in the neighborhood of 900,000 stock brick and about 120,000 paving brick. Each building will accommodate 100 animals. There will be modern plumbing and electric work. An official proposal will appear in this publication.

Contracts Awarded.

SAN FRANCISCO—Elevators and fire doors, \$10,000. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. Contractors, Kimball Bros., Council Bluffs. Contract price, \$9,868.

HOSPITALS

SAN FRANCISCO—Hospital, 2 story and base, reinforced concrete, \$55,000. Architect, John Baur, Sharon Bldg., S. F. Owner's name withheld. The building will be erected at the corner of Geary and Wood streets, covering an area of 100 by 82 feet. Construction will be fireproof throughout. The building has been designed for a private institution and will contain two small wards and 35 private rooms. There will be steam heat, a hot water system and vacuum cleaning. Interior

will be finished in pine, hardwood and tile. All rooms will have private baths. No expense has been spared in the equipment, and when complete the building will be second to none in the city. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

VICTORIA, B. C.—Hospital group, 2 and 4 story, reinforced concrete, \$500,000. Architect, Loring P. Itixford, Sharon Bldg., S. F., and Victoria. Owners, Royal Jubilee Hospital. Plans are now ready and it is regarded as possible that construction tenders may be invited for the buildings. Several San Francisco contractors are to submit figures on certain parts of the work. Bids are now being taken for the construction of the administration building.

NAPA, NAPA CO., CAL.—Hospital boiler. Cost not stated. Engineer, State Department of Engineering, Sacramento. Owners, State of California. Bids opened for the installation of a 250-H. P. boiler in the State Hospital at Napa show Howard Engineering Co. low at \$4,240. A complete list of bids submitted will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

HOTELS.

OAKLAND, CAL.—Hotel, 3 story and base, brick and steel. Cost not stated. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owners, Moffat Estate. The building will be erected on 11th street between Broadway and Franklin street, and will contain stores on the first floor. Upper floors will be arranged for modern hotel rooms. There will be a number of public and private baths. Interior finish will be of pine. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Foundations and steel will be designed heavy enough to carry additional stories. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once. The work will be segregated.

MARTINEZ, CONTRA COSTA CO., CAL.—Hotel, 4 story and base, brick and steel, \$65,000. Architect, Walter King, Elks' Bldg., Stockton. Owners, Martinez capital represented by W. J. Curtis. The building will be erected on a prominent corner and will be arranged with stores, hotel lobby and public dining room on the first floor. Upper floors will contain in the neighborhood of 20 guest rooms and a number of baths. Plans provide for steam heat, oil burning furnace, hot water supply and vacuum cleaning. There will be patent store fronts. Interior will be finished in pine throughout. Exterior of the building will be faced with pressed brick. Only preliminary plans have been prepared and the project depends upon the amount of capital that can be interested.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel, \$40,000. Architect, John E. Nicholson, Wright and Callender Bldg., L. A. Owner, Mr. Phillips. The building will be erected at the corner of East 6th and San Pedro streets, covering an area of 55 by 110 feet. There will be two stores and the hotel lobby on the first floor. Upper floors will contain a total of 60

rooms and 10 baths. Interior finish will be of pine and redwood with some hardwood. Plans provide for steam heat, elevator service and a hot water system. Bath rooms will have tile wainscot and composition floors. Patent store fronts will be specified. Exterior of the building will be faced with pressed brick. Plans are complete and bids are now being taken by A. E. Dishman.

Contracts Awarded.

LOS ANGELES, CAL.—Hotel, 4 story and base, Class C construction, \$36,969. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owners, Consolidated Realty Co. Contractors, The Los Angeles Planning Mill Co., 1812 Industrial street, L. A., general construction only. Contract price, \$36,969.

SEATTLE, WASH.—Hotel, 6 story and base, brick and frame, \$60,000. Architect, John Graham, Lyon Bldg., Seattle. Owner, P. J. Murphy, Contractor, H. D. Stewart, American Bank Bldg., Seattle. Contract price, \$60,000.

LIBRARIES.**Contracts Awarded.**

COALINGA, FRESNO CO., CAL.—Library, 2 story and base, reinforced concrete, \$16,147. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owners, Coalinga Union High School Library District. Contractor, Walter J. Ochs, Coalinga. Contract price, \$16,147. Barrett-Hicks, Fresno, heating. Contract price, \$500.

PANAMA-PACIFIC EXPOSITION WORK.

SAN DIEGO, CAL.—Superior California Building, 2 story, frame, \$25,000. Architect's name not given. Owners, Superior California, including ten northern counties in the Sacramento Valley. The building will be 200 feet long and 45 feet wide. First floor will be devoted to exhibits and will also contain a large lecture room, buffet, process room and two offices. Second floor will consist of art work and reception rooms. Building is to be completed by May 1st. Plans were accepted by Director in Chief J. A. Fletcher of the Sacramento Valley Exposition Commission. Bids will be called for shortly.

SAN FRANCISCO—Festival hall, 2 story, concrete and frame. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition. Plans for the last of the big exhibit palaces to be erected by the Exposition Company have been completed and are now out for figures. Separate bids will be allowed for acoustic corrections, heating, ventilating, electric work, plumbing and gas piping. Plans and specifications can be secured from the Director of Works. Bids will be opened on March 26th by the Buildings and Grounds Committee. An official proposal appears in another column of this issue.

SAN FRANCISCO—State exhibit building, 2 story, frame and plaster. Cost not stated. Architect's name not given. Owners, State of Pennsylvania, W. H. Galtzer, Secretary of the Pennsylvania State P. I. E. Commission, Harrisburg, Pa. Plans for this building have been forwarded to the Director of Works and have received official

approval. Bids are now being taken and will be opened on March 25th at Harrisburg. Plans can be secured from the Director of Works in this city. A deposit of \$10 is required on plans and specifications.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO—Furnishing underground conduit for Municipal Railroads. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids were opened at the last Wednesday meeting of the Board of Public Works for furnishing the city with underground conduit for the Municipal Railroads. A complete list of the figures with their unit prices will be found under the heading of San Francisco in this issue.

Contracts Awarded.

PUGET SOUND R. R. ORE.—Grading 40 miles of roadbed and constructing bridges. \$200,000. Engineer, Engineering Department Puget Sound and Willapa Harbor Railroad, Portland. Owners, Puget Sound and Willapa Harbor Railroad. Contractors, Guthrie-McDougall Co., Lewis Bldg., Portland. Contract price, \$200,000.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, A. T. Morris, 616 9th avenue, S. F. The dwelling has been designed for a six-room house and will be erected on 12th avenue near Anza. Interior finish will be of pine and redwood. Oak floors will be used in the principal rooms. There will be a large open fire place in the living room with a tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, Theo Gibson, 355 Fair Oaks street, S. F. The dwelling will be erected on the south side of Lincoln Way west of 25th avenue, and has been designed to contain seven rooms and bath. Pine, redwood and some hardwood veneer will be used for interior trim. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Tile wainscot and composition floor will be used in the bath room. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor. All materials are being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, Joseph A. Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co. The dwelling, which has been designed for a seven-room house with bath and sleeping porch, will be erected on De Soto avenue. Interior finish will be of pine and hardwood. Oak floors will

be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick or tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. A composition floor will be used in the bath room. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and work will be carried on by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,500. Architect, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner, Arthur Elvin, 354 23rd street, S. F. The dwelling will be erected in Forest Hill, and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine, redwood and white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and two open fire places. Mantels will be of tile. Bath room will have tile wainscot and a composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,750. Architect, none. Owner, A. R. Lapham, 1853 McAllister street, S. F. The dwelling will be erected on the west side of 12th avenue near Anza street, and has been designed for a seven-room dwelling with bath. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be a large open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. A composition floor will be used in the bath room. An automatic water heater is specified. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story, attic and base, frame, \$23,000. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owner, E. A. Nickerson. The dwelling will be erected at the junction of Tunnel and Roble Roads. The design is in the Mission style and the dwelling will contain in the neighborhood of twenty rooms, several bath rooms and sleeping porch. Interior finish will be of pine and hardwood. Hardwood and inlaid floors will be used in the principal rooms. Ornamental iron and stone fire places will be used. Plans provide for steam heat, all burning furnace and a vacuum cleaning system. Bath rooms will be finished in tile and will be equipped with showers. Tile wainscot will also be used in the kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Harris Allen, 2514 Hillegass avenue, Berkeley. Owner, C. E. Miller. The dwelling will be erected on Claremont Boulevard, and has been designed for an eight-room dwelling with bath and sleeping porch. Interior finish will be of pine

and hardwood. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile floor and wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, H. E. Walsh. The dwelling will be erected on Shafter avenue near College, and has been designed for a seven-room house with bath. Interior finish will be largely of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire place. Mantel will be of tile. Tile wainscot and composition floor will be used in the bath room. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Harris Allen, 2514 Hillegass avenue, Berkeley. Owner, J. W. McKibben. The house will be erected on Piedmont avenue and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine and hardwood with oak floors in the principal rooms. There will be a large open fire place in the living room with a tile or brick mantel. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, E. L. Peters. The house has been designed for a seven-room dwelling with baths and sleeping porch. Interior finish will be of pine, redwood and hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire place. Mantel will be of brick or tile. An automatic water heater is specified. Bath room and kitchen will have tile wainscot. A composition floor will be used in the bath rooms. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and bids are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 3 story and base, reinforced concrete, \$25,000. Architect, John Reid, Jr., Chronicle Bldg., S. F. Owners, Phi Delta Chapter House Association. The building will be erected at the corner of Hearst and Highland avenues. There will be a reception hall and store rooms in the first floor, living room, dining room, reception hall and study rooms on the second floor and ten study rooms, sleeping apartments, baths and chapter room on the third floor. Concrete will be used to the level of the second floor and above that point the building will be of frame construction. Exterior will be covered with cement plaster,

There will be steam heat, a hot water supply and other modern conveniences. An estimate of \$25,000 is placed on the work. Plans are being figured.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, none. Owner, Leo D. Nichols, Macdonough Bldg., Oakland. The dwelling will be erected on Walker avenue north of Davidson, and will contain seven rooms, bath and sleeping porch. Interior finish will be of pine and redwood with some hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot and composition floor will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,500. Architect, C. H. Miller, Dalziel Bldg., Oakland. Owner, John H. Koylan. The dwelling will be erected in Piedmont, and has been designed for a seven-room house with bath and sleeping porch. All interior finish will be of pine or redwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire place. Mantel will be of brick. Tile wainscot and composition floor will be used in the bath room. An automatic water heater is specified. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1½ story and base, frame, \$3,500. Architect, none. Owner, Henry Ahnefeld, 3005 King street, Berkeley. The dwelling will be erected on El Dorado avenue near Alameda street, and has been designed for an eight-room house with bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. Bath room and kitchen will have tile wainscot. An automatic water heater is specified. Plans provide for open fire places and furnace heat. Mantels will be of tile or brick. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. All materials are now being purchased.

SAN JOSE, SANTA CLARA CO., CAL.—Residences, 1 and 2 story, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: W. E. Woodhams, 16 North 2nd street, five-room cottage, \$1,900; N. A. Peterson, 2 East Atlantic street, five-room cottage, \$1,400; E. Davis, 999 South 7th street, six-room cottage, \$2,000; J. G. Luebten, 64 St. Mary's street, five-room cottage, \$1,000; Edward Wells, 449 North 17th street, six-room cottage, \$2,000, and R. E. Carter, 410 North 16th street, five-room cottage, \$2,000. Materials for this work are now being purchased.

SACRAMENTO, CAL.—Cottages, 1 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: H. M. Earle, 3928 Magnolia avenue, 1 story, six-room cottage, \$2,500; Phillip Wolf,

2101 N street, 1½ story, five-room cottage, \$2,500, and Ernest Thomas, 14th and G streets, 1 story, frame, six-room house, \$2,000.

SAN FRANCISCO—Residences, 5, 2 story and base, frame, \$2,500 each. Architect, none. Owner, J. Anderson, 423 16th avenue, S. E. These houses will be erected on 29th avenue south of Anza street, and each has been designed for a six-room house with bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Tile wainscot will be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exteriors will be covered with rustic and shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor.

ALAMEDA, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$2,500. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, Mr. Johnson. The dwelling will contain six rooms and bath. Interior will be finished in pine and redwood with hardwood floors in the living and dining rooms. A large open fire place will be used in the living room. Mantel will be of tile or brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,500. Architect, none. Owner, Charles E. Quigley, 730 Grand avenue, Oakland. The dwelling will be erected on Lake Shore Drive and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and redwood with some hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story, attic and base, frame, \$4,500. Architects, Oliver & Thomas, Pantages Theatre Bldg., Oakland. Owner, W. F. Gihard. The dwelling will be erected in the Fourth Avenue Terrace, and has been designed to contain eight rooms, bath and sleeping porch. All interior finish will be of pine or redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot and composition floors will be used in the bath room. An automatic water heater will be specified. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,000. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, Edward Lawlor. The dwelling will be erected in Piedmont by the Luke, and has been designed for a seven-room house with bath and

sleeping porch. Interior will be finished in pine, redwood and some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be steam heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,500. Architect, Patrick-Nelson Co., 2011 Shattuck avenue, Berkeley. Owner, A. C. Wright. The dwelling will contain eight rooms, bath and sleeping porch, and will be erected in Cragmont. All interior finish will be of pine or redwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

SAN LEANDRO, ALAMEDA CO., CAL.—Residences, 1, 2 story and 3, 1 story, frame. Cost not stated. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner's name withheld. These houses will be erected in the Huff Tract. The two-story house will contain seven rooms and will cost in the neighborhood of \$3,000. The one-story houses will contain six rooms and cost about \$2,800 each. Pine and redwood trim and some hard floors will be used. There will be open fire places and tile or brick mantels. Automatic water heaters will be installed. Tile wainscot will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster on metal lath. Plans are being prepared.

HOLLYWOOD, LOS ANGELES CO., CAL.—Residence, 2 story and base, hollow tile and plaster, \$29,000. Architect, Elmer Grey, Wright and Callender Bldg., L. A. Owner's name withheld. The dwelling will contain nine rooms, three baths and sleeping porches. Interior finish will be of pine, hardwood and white enamel. There will be furnace heat, open fire places, automatic water heaters and vacuum cleaning. Bath rooms will have tile floors and wainscot. Exterior of the dwelling will be covered with cement plaster. Plans are nearly complete and figures will be called for shortly.

SCHOOLS.

DEL REY, FRESNO CO., CAL.—School, 1 story and base, brick. Cost not stated. Architect, J. Carl Thayer, Fresno. Owners, Del Rey School District. The building has been designed for a four-room school and has been designed in the Mission style. Interior finish will be of pine with maple floors in the class rooms. Plans provide for a central heating system with oil-burning furnace. There will be modern school plumbing and electric work. Exterior of the building will be faced with either cement plaster or pressed brick, this question has not been fully determined by the trustees. A clay

tile roof will be used. Plans are nearly complete and figures will be called for shortly.

CHICO, BUTTE CO., CAL.—School, 2 story end base, reinforced concrete. Cost not stated. Architect, A. J. Bryan, Chico. Owners, Oakdale High School District. A report from the Chico paper states that the Board of School Trustees of the Oakdale School District at Chico will select the plans presented by Architect A. J. Bryan of Chico for the new \$50,000 school building. These plans provide for a two-story structure approximately 125 by 100 feet and containing eight class rooms, domestic and manual training departments and an auditorium seating 600 people. The report states that while official action has not been taken that all trustees favor these plans.

PORTLAND, ORE.—School, 2 story and base, reinforced concrete, \$30,000. Architect, F. A. Naramore, Portland. Owners, City of Portland. The building will be erected on the property bounded by Miles, Logan, Front and 5th streets and is to be of semi-fireproof type of construction. The building will cover an area of 112 by 63 feet and will contain four class rooms, assembly hall seating 300 people, principal's office and rest rooms. Interior finish will be of pine throughout. There will be steam heat and a vacuum cleaning system. Exterior of the building will be faced with pressed brick. Working drawings are nearly complete and figures will be called for about April 1st.

Contracts Awarded.

VENICE, LOS ANGELES CO., CAL.—School group, 1 and 2 story and base, brick, \$103,932. Architects, C. H. Russell Co., Union League Bldg., L. A. Owners, Venice Polytechnic High School District. Contractor, J. F. Atkinson, Story Bldg., L. A. General construction, \$103,932. The Machinery and Electric Co., 331 North Main street, L. A., heating and ventilating, \$17,171. Bids for the program clocks were taken under advisement.

REDONDO, LOS ANGELES CO., CAL.—School, 3 story and base, Class C construction. Cost not stated. Architect, Albert C. Martin, Higgins Bldg., L. A. Owner, Father C. Maloney. Contractor, Lawrence Ott, 2933 Brighton avenue, L. A. Contract price not stated.

MONTEREY, MONTEREY CO., CAL.—School, 1 story and base, reinforced concrete, \$36,000. Architect, W. H. Weeks, 75 Post street, S. P. Owners, Monterey School District. Contractors, Graham & Jensen, 46 Kearny street, S. P. Contract price, \$36,000.

SEWERS, STREET WORK AND WATER SYSTEMS.

SAN RAFAEL, MARIN CO., CAL.—Incinerator. Cost not stated. Architect, Thomas O'Connor, 104 D street, San Rafael. Owners, City of San Rafael. Preliminary plans are now being prepared for a modern incinerator to be erected at San Rafael. The matter has been investigated by the City Council and final approval will be given the plans as soon as they are complete. Further mention will be made of the work.

GRANDVIEW, WASH.—Irrigation pumping plant, \$190,000. Engineers, United States Reclamation Service, Seattle. Owners, United States Govern-

ment. The sum of \$190,000 has been set aside by Secretary of the Interior Lane for the installation of a pumping plant for the Outlook, Sunnyside and Grandview irrigation projects. Machinery for this work will be purchased by the U. S. Reclamation Service.

STORES.

SAN FRANCISCO.—Stores and lofts, 3 story and base, frame. Cost not stated. Architect, none. Owner, Charles Katz, 1200 Dolores street. The building will be erected on the east side of Mission street south of 17th. There will be two stores and light lofts above. Interior finish will be of pine throughout. Patent store fronts and plate glass windows will be used. Exterior of the building will be covered with shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

THEATRES.

SEATTLE, WASH.—Theatre and offices, 4 story and base, Class A construction, \$260,000. Architect, B. Marcus Pretica, Empire Bldg., Seattle. Owner, Alex. Pantages. The building will be erected at the northeast corner of 3rd avenue and University, covering an area of 111 by 120 feet. Exterior will be of terra cotta. The office portion of the structure will contain 12 offices to each floor and will have a direct radiation heating system. Interior will be finished in the French Renaissance style, will contain main floor and balcony, with a seating capacity of 1,900. The central dome will have a clear height of 60 feet. Stage opening will be 35 feet wide and 30 feet high and will have a depth of 30 feet. Fan heating system will be used. Tennessee marble, tile and terrazzo will be used extensively. An Otis elevator and a copper marquise are specified. Bids will be taken in about two weeks.

OAKLAND, CAL.—Theatre alterations, frame and concrete, \$5,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, Mr. Smith. The work will consist of new interior finish, plumbing and electric work and the installation of about 450 new seats. Exterior of the building will also be altered and a new coating of cement plaster on metal lath will be applied. Plans are complete and figures are being taken.

SEALED PROPOSALS.

PROPOSALS FOR CANAL SUPPLIES. **CANAL CIRCULAR 833.**—Proposals for Galvanized Sheet Steel and Iron, Tire Steel, Wrought Iron and Steel Pipes, Cast Iron Pipe Fittings, Ropes, Nuts, Barbed Wire, Stovepipe, Bronze Bars, Sheet Copper, Sheet Zinc, Pig Lead, Sheet Lead, Lead Pipe, Plush Pipe, Curb, Bells, Valves, Bibbs, Ball Cocks, Steam Gauges, Pumps, Drill Sleeves, Hinges, Snatch Blocks, Tackle Blocks, Street Lamps, Ladders, Chair Seats, Life Preservers, Manilla Rope, Hose, Tarpaulins, Vitriol Sewer Pipe, Fire Clay, Calcium Carbide, Gasoline, Shellac, Waste Baskets, Blank Books, Scratch Pads, Paper, Lumber and Untreated Piles—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. March 25, 1914, at which time they will be opened in public for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 833) may be obtained from this office or the of-

fice of the assistant purchasing agent, 1068 North 4th street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; F. C. BOGGS, major, corps engineers, U. S. A., general purchasing officer.

PROPOSALS FOR BUILDING WALL.

BUILDING WALL.—Sealed proposals will be received at the office of the light house inspector, Portland, Ore., until 2 o'clock p. m. March 25, 1914, and then opened, for furnishing material and labor for constructing retaining wall, making fill and placing riprap at Tongue Point Light House Depot, near Astoria, Ore. Blank proposals and particulars may be obtained by addressing the light house inspector, Portland, Ore.

PROPOSALS FOR SEWER WORK.

SEWER.—Office of Quartermaster, Fort Yellowstone, Wyo.—Sealed proposals will be received at this office until 10 a. m. April 4, 1914, and then opened, for constructing an outfall sewer at this post. Further information may be obtained by applying at this office. W. B. McLAURIN, second lieutenant, 1st cavalry, quartermaster.

PROPOSALS FOR PLUMBING, ETC.

PLUMBING, HEATING AND LIGHTING.—Office of Constructing Quartermaster, Fort Mason, Cal.—Sealed proposals, in triplicate, for constructing a ward at Letterman General Hospital, San Francisco, Cal., and installing plumbing, heating and electric wiring in same will be received here until 11 a. m. March 25, 1914, and then opened. Plans, specifications, etc., can be obtained here. Deposit of \$10 required to insure return of plans, etc. Envelopes containing proposals be addressed to Lieutenant Colonel GEORGE McK. WILLIAMSON, quartermaster corps.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 834.—Office of the General Purchasing Officer, Isthmian Canal Commission, Washington, D. C.—Sealed proposals will be received at this office until 10 a. m. March 25, 1914, for furnishing light fixtures and supplies for the batteries on the fortifications on the isthmus. The specifications include lamp fixtures, switch boxes, boxes for light and power, junction boxes, couplings, plugs and nipples, globes, guards, snap switches, coupling gaskets, receptacles, switch panel boxes, switches, plugs, fuses, feeders and service boxes, cable hangers, wood screws and expansion bolts, and lead sheathed armored and unarmored cable. For further information address F. C. BOGGS, major, corps of engineers, U. S. Army, general purchasing officer.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Sundry, Heating and Plumbing, California, at 1600 A. M., Thursday, March 26, 1914, for Constructing Festival Hall, in accordance with specifications on file in the office of the Director of Works.

Separate proposals will be allowed on Acoustic Correction, Plumbing and Water Supply, Heating and Ventilation and Gas Piping and on Electric Wiring.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal, or, if the check will be returned upon the successful bidder signing the contract and filing the required bond. A bond

in the sum of fifty (\$50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Board of Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by receiving \$50.00 which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

WILLIAM H. CROCKER, Chairman. (*)

NOTICE TO BRIDGE BUILDERS.

NOTICE is hereby given that sealed bids will be received by the Board of Supervisors of the County of San Mateo, State of California, up to the hour of 10 o'clock a. m. on Monday, April 6, 1914, for constructing a reinforced concrete bridge on the West Union road across the Cordilleras Creek near the Finkler residence, in the Second Road District, per plans and specifications prepared by the county surveyor and adopted by the Board of Supervisors on Monday, March 2, 1914, which said plans and specifications are now on file in the office of the clerk of said board, where the same may be inspected.

All bids must be addressed to the clerk of said Board of Supervisors at Redwood City, and each bid must be accompanied by certified check or some reliable bank in a sum equal to at least 10 per cent of bid, made payable to the undersigned clerk of said Board of Supervisors, same to be forfeited to the county of San Mateo as liquidated damages in case the party or parties making the same fail to execute and file, within ten days after the award of said contract, a bond to be approved by the chairman of the Board of Supervisors of said county in an amount not exceeding the contract price, or to enter into a written contract with said county in accordance with said plans and specifications, and the bid thereon.

All bidders from contractors must specify the time for the completion of said work, also the cost of concrete in place, per cubic yard to be used in estimating the value of extra work required.

The right is reserved to reject any and all bids.

JOS. H. NASH,

County Clerk.

PROPOSALS FOR PILE DRIVING MACHINERY.

SEALED tenders will be received by Board of Harbor Commissioners up until 10 o'clock a. m. on Monday, March 23, 1914, for the supplying of pile driving machinery and equipment to the Board of Harbor Commissioners, Honolulu, Hawaii.

The Board of Harbor Commissioners reserves the right to reject any or all tenders.

Plans, specifications and blank forms of proposal are on file in the office of the Superintendent of Public Works, Control Building, Honolulu, HAWAII. BOARD OF HARBOR COMMISSIONERS.

By its chairman, J. W. CALDWELL (S).

PROPOSALS FOR PUMPING STATION.

SEALED tenders will be received by the trustees of Reclamation District No. 1500, 229 E Street, Sacramento, Cal., up until 10 a. m. March 23, 1914, for the complete construction of a reinforced concrete pumping station on a concrete pile and slough, approximately one and one-half miles from its center, with the Sacramento River in Sutter County, California. The work to be done involves the placing of approximately 3,000 cubic

yards of concrete, containing approximately 195 tons of reinforcing steel; driving 287 concrete piles, 35 to 40 feet long, and 86 timber piles 25 to 35 feet long.

Plans and specifications may be consulted and blank forms of proposals may be obtained at the office of the Chief Engineer of the district, George N. Randle, 329 J Street, Sacramento, California.

Proposals must be accompanied by a certified check for 10 per cent of total amount of bid, and contractor to whom award is made will be required to furnish bond in sum of 50 per cent of contract price for faithful performance and 50 per cent for labor and material in accordance with the terms of the specifications.

The trustees reserve the right to reject any or all bids.

TRUSTEES OF RECLAMATION DISTRICT NO. 1500.

Per H. A. SENT, Secretary.

PROPOSALS FOR CANAL WORK.

CANAL WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. reclamation service, Great Falls, Mont., until 2 o'clock p. m., April 5, 1914, for the construction of a portion of the St. Mary canal, St. Mary storage unit, Milk River project, Montana, involving about 300,000 cubic yards of excavation, 7,500 cubic yards of paving, 13,000 square yards of paving, 500 cubic yards of rip-rap, and 8,500 cubic yards of grading, the placing of about 485,000 pounds of steel reinforcement bars, and 393,000 feet, board measure of lumber in wooden structures and the erection of about 165,000 pounds of miscellaneous metalwork. The work is situated in the Blackfoot Indian Reservation.

U. S. DEPARTMENT OF CALIFORNIA, CALIFORNIA HIGHWAY COMMISSION.

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Bldg., Sacramento, Cal., until the time hereinafter noted, at which times they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, portions of State highway as follows:

(Unit H) O'clock A. M. March 30, 1914) Merced County from the Southern Boundary (I-Hum-1-A), about 4.5 miles to El Dorado.

Placerville (III-E, D-11-C), about 6.5 miles in length, to be built of water-bound macadam.

Santa Clara County from San Jose to Mula (IV-S, Cl-2-B), about 1.8 miles in length, to be surfaced with asphaltic concrete.

Merced County from Merced to the Southern Boundary (VI-Mer-4-A), about 14 miles in length, to be built of Portland cement concrete.

(Unit K) O'clock A. M. March 30, 1914) Tuolumne County from the Western Boundary to Keystone (III-Tuo-13-A), 10.8 miles in length, to be graded.

Mendocino County from Forsythe Creek to Ridgewood (I-Men-1-D), about 4.5 miles in length, to be graded. San Diego County from La Flor to the Western Boundary (VII-S, D-2-D), about 11.5 miles in length, to be built of Portland cement concrete. San Diego County from East San Diego to La Mesa (VII-S, D-12-A), about 2 miles in length, to be built of Portland cement concrete.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained, at the said office and may be seen at the offices of the Division Engineers of the divisions in which the work is situated. Division Engineers' offices are located at Wilbur, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

Notice to bidders, unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the

blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

CHARLES D. BLANKY,
WILLIAM D. DALRYMPLE,
CHARLES E. STEIN,
California Highway Commission.
AUSTIN B. FLETCHER,
Highway Engineer.

WILSON R. ELLIS, Secretary. (*)
Dated: February 26, 1914.

NOTICE TO CONTRACTORS.

Office Constructing Quartermaster, Fort Mason, Cal., February 25, 1914.—SEALED PROPOSALS, in triplicate, for constructing a ward at Letterman General Hospital, San Francisco, Cal., and installing plumbing, heating and electric wiring in same, will be received here until 12 o'clock a. m., May 14, 1914, when they will be publicly opened for the purchase of the following vessels: S. S. Manila, at navy yard, Mare Island, Cal., appraised value \$10,000; S. S. Restless, at naval torpedo station, Newport, R. I., appraised value \$2,000. The Manila will be sold for cash to the highest bidder and the Restless to the bidder offering the highest price above the appraised value. Forms of proposal and bond and information concerning the vessels and the terms and conditions of sale may be obtained upon application to the bureau of supplies and accounts, J. H. AUS DANIELS, Secretary of the Navy.

PROPOSALS FOR SALE OF VESSELS.

SALE OF U. S. NAVAL VESSELS.—Sealed proposals will be received at the bureau of supplies and accounts, Navy Department, Washington, D. C., until 12 o'clock, noon, May 14, 1914, when they will be publicly opened for the purchase of the following vessels: S. S. Manila, at navy yard, Mare Island, Cal., appraised value \$10,000; S. S. Restless, at naval torpedo station, Newport, R. I., appraised value \$2,000. The Manila will be sold for cash to the highest bidder and the Restless to the bidder offering the highest price above the appraised value. Forms of proposal and bond and information concerning the vessels and the terms and conditions of sale may be obtained upon application to the bureau of supplies and accounts, J. H. AUS DANIELS, Secretary of the Navy.

PROPOSALS FOR STRUCTURAL STEEL.

STEEL WORK FOR COAL PLANT.—Sealed proposals, endorsed "Proposals for Erecting Steelwork" will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock a. m. March 28, 1914, and then and there publicly opened for erecting structural steelwork for coaling plant, Pearl Harbor, Hawaii. Estimated cost, \$60,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the naval station named. H. R. STANFORD, chief of bureau.

PROPOSALS FOR STEEL TOWERS.

STEEL TOWERS.—Sealed proposals, endorsed "Proposals for four Steel Towers" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. March 28, 1914, and then and there publicly opened for the construction of four steel towers on the Canal Zone. Separate proposals will be received for steelwork and for foundation. Plans and specifications can be obtained on application to the bureau. H. R. STANFORD, chief of bureau.

PROPOSALS FOR EARTH WORK AND TUNNEL.

EARTHWORK AND TUNNEL.—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. Reclamation Service, St. Ignatius, Mont., until 12 o'clock p. m. March 26, 1914, for earthwork and tunnel, Pablo canals, lateral involving about 2,500 cubic yards of open-cut excavation and about 1,000 linear feet of tunnel. The work is located about six miles southwest of Fresno, Mon. For particular details see the U. S. Reclamation Service, Washington, D. C.; Great Falls, Mont., or St. Ignatius, Mont. F. H. NEWELL, director.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the far part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

FESTIVAL HALL—2 story, concrete and frame. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Plans for the last of the big exhibit palaces to be erected by the Exposition Company have been completed and are now out for figures. Separate bids will be allowed for acoustic corrections, heating, ventilating, electric work, plumbing and gas piping. Plans and specifications can be secured from the Director of Works. Bids will be opened on March 25th by the Buildings and Grounds Committee. An official proposal appears in another column of this issue.

STATE EXHIBIT BUILDING—2 story, frame and plaster. Cost not stated. Architect's name not given. Owners, State of Pennsylvania. W. H. Gaither, Secretary of the Pennsylvania State P. I. E. Commission, Harrisburg, Pa. Plans for this building have been forwarded to the Director of Works and have received official approval. Bids are now being taken and will be opened on March 25th at Harrisburg. Plans can be secured from the Director of Works in this city. A deposit of \$10 is required on plans and specifications.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, A. T. Morris, 616 9th avenue, S. F. The dwelling has been designed for a six-room house, and will be erected on 12th avenue near Anza. Interior finish will be of pine and redwood. Oak floors will be used in the principal rooms. There will be a large open fire place in the living room with a tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, Theo. Gibson, 355 Fair Oaks street, S. F. The dwelling will be erected on the south side of Lincoln Way west of 25th avenue, and has been designed to contain seven rooms and bath. Pine, redwood and some hardwood veneer will be used for interior trim. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Tile wainscot and composition floors will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco. Architect, Joseph A. Leonard, 85 Cerritos

avenue, S. F. Owners, Urban Realty Co. The dwelling, which has been designed for a seven-room house with bath and sleeping porch, will be erected on De Soto avenue. Interior finish will be of pine and hardwood. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick or tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. A composition floor will be used in the bath room. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and work will be carried on by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$4,500. San Francisco. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner, Arthur Elvin, 3854 23rd street, S. F. The dwelling will be erected in Forest Hill, and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine, redwood and white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and two open fire places. Mantels will be of tile. Bath room will have tile wainscot and a composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$2,750. San Francisco. Architect, none. Owner, A. R. Lapham, 1853 McAllister street, S. F. The dwelling will be erected on the west side of 12th avenue near Anza street, and has been designed for a seven-room dwelling with bath. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be a large open fire place with the tile or brick mantel. Bath room and kitchen will have tile wainscot. A composition floor will be used in the bath room. An automatic water heater is specified. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

APARTMENT HOUSES—2, 3 story and base, frame, \$35,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. These buildings will be erected at the southwest corner of Jackson and Taylor streets, and will be built around a large open court in such a manner that all apartments will have outside exposures. The building will cover an area of 68 feet 9 inches by 87½ feet, and will be arranged to contain six suites of five rooms and six suites of four rooms. Interior will be finished in pine and hardwood veneer with oak floors in the principal rooms. Plans provide for steam heat, oil-burning furnace, folding ironing boards, wall beds and portable vacuum cleaners. Bath rooms will have tile wainscot and composition

floors. Entrance will be finished in marble and tile. Exterior of the buildings will be covered with cement plaster on metal lath. A brick veneer base will also be used. Plans are now being prepared.

APARTMENT HOUSE—3 story and base. Cost not stated. San Francisco. Architect, O. R. Thayer, Merchants' National Bank Bldg., S. F. Owner, E. J. MacDonald. The building will be erected at the southwest corner of Duboce and Walter streets, and has been designed to contain three suites of three rooms each, one suite of four rooms and a seven-room flat, which will be occupied by the owner. Interior finish will be of pine and elm panels. Some oak floors will be used. All suites will have wall beds and private bath rooms. There will be a central heating system and hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster and rustic. Plans are complete and have been out for figures. A contract will be awarded within a few days.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, Mrs. M. Maher. The building will be erected at the southeast corner of Cole and Fulton streets, covering an area of 25 by 62½ feet. Interior will be arranged for eight apartments of three and four rooms. All suites will have wall beds and private bath rooms. Interior will be finished in pine and redwood, with some elm panels. Bath rooms will have tile wainscot and composition floors. Exterior will be covered with rustic and cement plaster on metal lath. Plans will be out for figures in a few days.

FLATS—2 story and base, frame, \$1,000. San Francisco. Architect, none. Owners, Leigh and Schultz, 350 8th avenue, S. F. The building will be erected on 21st avenue near Kearny, and will have a frontage of 25 feet and a depth of 51 feet. There will be two modern flats of five and six rooms. Interior finish will be of pine and redwood with some elm panels. Oak floors will be used in the living and dining rooms. A large open fire place and the tile or brick mantel will be used in the living room. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owners and the work will be done by Day Labor. All materials are now being purchased.

FLATS—2, 2 story and base, frame, \$1,000 each. San Francisco. Architect, none. Owners, C. J. and W. J. Keenan, Grove and Masonic avenue, S. F. These two buildings will be erected on the north side of Grove street east of Masonic avenue, and each has been designed to contain two modern flats of five rooms and bath. The buildings will cover an area of 25 by 56 feet. Interior finish will be of pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot and composition floors. Automatic water heaters are specified. Exterior of the build-

ings will be covered with rustic brick veneer and shiplap. Plans are complete and the work will be done by Day Labor.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architects, Havens & Toepke, 46 Kearny street, S. F. Owner, W. J. Black, 475 Fair Oaks, S. F. The building will be erected on Guerrero street south of 25th and has been designed to contain two flats of five and six rooms. The building will cover an area of 27½ by 62 feet. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in each living room. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the owner will do the work by Day Labor.

GARAGE—story and base, Class B construction, Cost not stated. San Francisco. Architect, N. W. Sexton, Chronicle Bldg., S. F. Owner, Robert McMillan. The building will be erected on the west side of Valencia street south of Herman. Foundation, walls and floors will be of reinforced concrete. There will be steel roof trusses and hollow tile and metal lath and plaster interior partitions. Metal window sash and frames and special gasoline storage tanks will be used. The structure has been designed for a commercial garage and will contain besides the storage space, machine shop and office. Interior will be finished in pine. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

GARAGE—2 story and base, brick and steel. Cost not stated. San Francisco. Architect, Grace Jewett, 560 Montgomery street, S. F. Owner, Alice Mertz et al. The building will be erected on the south side of Bush street east of Polk, and has been designed for a commercial garage. The building will have a frontage of 63 feet and a depth of 10 feet. There will be a cement floor, metal window sash and frames and steel roof trusses. Interior finish will be of pine. Special storage tanks will be specified. The building will contain a completely equipped machine shop, office and storage space. Exterior will be faced with pressed brick. Plans are complete and figures are being taken.

STABLES—5, 1 story, brick or reinforced concrete. Cost not stated. San Francisco. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. Plans for five new stable buildings to be erected at Fort Winfield Scott have been completed and the specifications are now in the hands of the printer. Each building will cover an area of 185 by 85 feet. Bids are to be taken for both brick and reinforced concrete type of construction. If brick is used it will require in the neighborhood of 900,000 stock brick and about 120,000 paving brick. Each building will accommodate 100 animals. There will be modern plumbing and electric work. An official proposal will appear in this publication.

HOSPITAL—2 story and base, reinforced concrete, \$55,000. San Francisco.

Architect, John Haur, Sharon Bldg., S. F. Owner's name withheld. The building will be erected at the corner of Geary and Wood streets, covering an area of 100 by 82 feet. Construction will be fireproof throughout. The building has been designed for a private institution and will contain two small wards and 35 private rooms. There will be steam heat, a hot water system and vacuum cleaning. Interior will be finished in pine, hardwood and tile. All rooms will have private baths. No expense has been spared in the equipment and when complete the building will be second to none in the city. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

HOSPITAL GROUP—2 and 4 story, reinforced concrete, \$500,000. Architect, Loring P. Rixford, Sharon Bldg., S. F., and Victoria. Owners, Royal Jubilee Hospital. Plans are now ready and it is regarded as possible that construction tenders may be invited for the buildings. Several San Francisco contractors are to submit figures on certain parts of the work. Bids are now being taken for the construction of the administration building.

FURNISHING UNDERGROUND CONDUIT FOR MUNICIPAL RAILROADS—Cost not stated. San Francisco. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids were opened at the last Wednesday meeting of the Board of Public Works for furnishing the city with underground conduit for the Municipal Railroads. A complete list of the figures with their unit prices will be found under the heading of San Francisco in this issue.

RESIDENCES—5, 2 story and base, frame, \$2,500 each. San Francisco. Architect, none. Owner, J. Anderson, 423 16th avenue, S. F. These houses will be erected on 29th avenue south of Anza street, and each has been designed for a six-room house with bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Tile wainscot will be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exteriors will be covered with rustic and shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor.

APARTMENT HOUSE—7 story and base, reinforced concrete and steel, \$170,000. San Francisco. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner, A. W. Wilson. The building will be erected on Powell street north of California, covering an area of 68 feet 9 inches by 137½ feet. Construction will be fireproof throughout. The architect has provided for a seven-story, basement and sub-basement building covering the entire lot and containing fifteen apartments, arranged as follows: Two apartments of five rooms and bath and one apartment of seven rooms and bath on the first floor, and two apartments of eight rooms and three baths each on each of the six upper floors. Each apartment will be provided with the most modern appliances, including open fire places, dressing tables, steam heat, hardwood floors, service elevators, vacuum clean-

ing system, etc. A feature of these apartments will be that the main living and dining rooms will be located in the rear of the building to give the tenants an unobstructed view of the bay and Alameda and Marin shores, the main sleeping rooms being in the front and overlooking the Fairmont gardens. Annexed to the dining room in each apartment there will be an open air dining porch which will be connected by means of glass doors. The exterior of the building will be designed in French renaissance, with iron balconies at the windows and across the entire top floor, a feature familiar to all Parisian apartment dwellings. Over the main entrance will be an ornate hammered iron and copper marquise, giving approach to a Caen stone vestibule and lobby. The lobby will be finished in mahogany, with art glass ceiling lights and marble wainscot. The suites above are designed for interior decoration in French renaissance finished in combination of white china gloss and mahogany. The bath rooms are to have recessed tubs set in tile floors and walls, with automatic showers, and pedestal lavatories. Doors are arranged in groups of three to form dressing mirrors. The kitchen will have patent coolers and a system of ventilation operated by an exhaust fan, so that no odors can escape into the building. Space has been provided for thirty servants' rooms and chauffeurs' rooms in the basement, in addition to the servants' rooms within the apartments. The main passenger elevator will be operated from the sub-basement to the roof. In the sub-basement will be a large garage for the storage of automobiles belonging to tenants. This garage is reached by means of a direct entrance from the street, which also connects directly with the elevator. Opening directly from this automobile entrance and from the elevator is a spacious ballroom. Contracts will be awarded shortly.

APARTMENT HOUSE—6 story and base, brick and steel, \$78,000. San Francisco. Architects, Dunn & Kearns, Monadnock Bldg., S. F. Owner, T. J. Young. The building will be erected on the north side of Pine street west of Leavenworth, covering an area of 50 by 137½ feet. The plans show the building to be arranged for six four-room apartments on each floor, but, by ingenious planning for fireproof sliding doors in decorative panels properly deafened, each of the small apartments can be changed at will from four rooms up to a large apartment of eight rooms, so that a selective grouping of all spaces may be obtained. All the apartments will have a large living room en suite, with the dining room and entrance foyer done in soft French gray tones, with mahogany doors. The chambers are arranged with large dressing closets, pier mirrors, etc. The baths are to have recess tubs, with automatic mixing showers and concealed supplies, pedestal lavatories and flushometer toilets. The kitchens are all to be done in white tile, with fixtures in cabinets, while enameled iron coolers, ice boxes, garbage incinerators and electric dumb waiters will afford the most modern service. A drip system of steam heating, with an oil-burning plant is to be installed. All

radiators are to be of the "direct indirect" style set in recesses of the walls, drawing air from the outside through ornamental brass screens set in the panels of the wainscoting. The main rooms in general are to be hung in tapestry paper in panels, with all the woodwork painted in French gray. The larger apartments that are to be leased will be designed in different styles as desired by the lessees. The dining rooms will be wainscoted in oak to the richly ornamented ceilings in the Elizabethan style. The foyers, reception and living rooms are to be designed in the different periods ranging from early English Adam and Georgian or colonial to the various Louis. All the chambers are to be finished in French Grays in Louis Sixteenth styles, with chintz hangings. An elevator will be installed running from the basement to the roof, where a solarium with a glass roof and sides with maple floor will be built. The exterior is to be in the Spanish renaissance style, with an enriched base of polychromatic terra cotta. The walls above are to be of cement, with enameled surface. On the sixth floor is an open loggia, with a projecting balcony of wrought iron. The back wall of the loggia is to be tinted in a deep crimson color, relieved by the light green of the iron work and ornamental palms in porcelain vases. A heavy projecting cornice of metal completes the scheme. Open street courts facing the south in which the fire escapes are to be placed will give sun and air to the interior apartments. Work will be undertaken as soon as leases and contracts are signed.

GARAGE—1 story and base, brick and steel, \$14,500. San Francisco. Architect, J. R. Miller, Lick Bldg., S. F. Owners, San Christina Investment Co. The building has been designed for a commercial garage and will be erected on the south side of Clay street west of Polk, covering an area of 68 feet by 127 feet. There will be a cement floor, steel roof trusses and metal window sash and frames. Interior finish will be of pine. There will be modern plumbing fixtures, special gasoline storage tanks and special electric work. Patent store fronts will be installed. Besides the storage space plans provide for a machine shop and office. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

STORES AND LOFTS—3 story and base, frame. Cost not stated. San Francisco. Architect, none. Owner, Charles Katz, 1260 Dolores street. The building will be erected on the east side of Mission street south of 17th. There will be two stores and light lofts above. Interior finish will be of pine throughout. Patent store fronts and plate glass windows will be used. Exterior of the building will be covered with ship-lap. Plans are complete and in the hands of the owner who will do the work by Labor Day.

Contracts Awarded.

FLATS—3 story and base, brick, \$6,500. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, Mr. Gossliner. Contractors, John Ratto Co., S. F. Contract price, \$6,500.

ELEVATORS AND FIRE DOORS—\$10,000. San Francisco. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Govern-

ment. Contractors, Kimball Bros., Council Bluffs. Contract price, \$9,000.

GRADING 40 MILES OF ROADLED AND CONSTRUCTING BRIDGES—\$200,000. Puget Sound R. R., Ore. Engineer, Engineering Department Puget Sound and Willapa Harbor Railroad. Portland. Owners, Puget Sound and Willapa Harbor Railroad. Contractors, Guthrie-McDougal Co., Lewis Bldg., Portland. Contract price, \$200,000.

FACTORY 3 story and base, reinforced concrete, \$12,000. San Francisco. Architect, James T. Ludlow, 604 Mission street, S. F. Owners, National Ice Cream Co. Contractor, Pasqualetti, Humboldt Bank Bldg., S. F. Contract price not stated.

BANK AND OFFICES—3 story and base, Class A construction, \$250,000. Great Falls, Mont. Architect, Henry Hull Johnson, Henry Bldg., Seattle. Owners, R. S. and L. M. Ford. Contractors, Brayton Engineering Co., Portland. Contract price, \$250,000.

City Bids Opened.

Bids Opened By The Board of Public Works For Concrete Poles and Underground Conduit.

Bids were opened by the Board of Public Works at the Wednesday afternoon meeting for furnishing and delivering underground conduit for the Municipal Railroads and for concrete trolley poles for the Van Ness avenue line.

Crit prices on underground conduit were taken as follows: (a) 2-inch fibre conduit per foot; (b) fibre conduit bends, 24-inch radius each; (c) fibre conduit bends 34-inch radius each and (d) 3-inch fibre conduit per foot. Only two firms bid on the work as follows:

H. W. Johns-Manville Co., (a) \$0.0356 per foot; (b) \$.6125, each; (c) \$.6125 each; (d) \$.9425 per foot.

Pierre-Roeding Co., (a) \$.03523 per foot; (b) \$.54615, each; (c) \$.54615; (d) \$.04349.

Bids for concrete trolley poles for the Van Ness avenue line were taken as follows: (a) 219 standard poles, each (b) 17 standard poles with conduit for cable feeders, each; (c) 20 strain poles, each, and (d) 2 strain poles with conduit for cable feeders.

Concrete Trolley Poles.

H. S. Little (a) \$128.22 each, (b) \$132.50 each; (c) \$132.50 each; (d) \$136.79 each.

Rudger-Merle Co., (a) \$149 each; (b) \$154 each; (c) \$195 each; (d) \$200 each. Bluxome & Co., (a) \$158.50 each; (b) \$164.50 each; (c) \$191.50 each; (d) \$197.50 each.

T. W. McClenahan & Co., (a) \$149 each; (b) \$154 each; (c) \$179 each; (d) \$184 each.

Building Contracts Awarded

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Am't.
707	Tyler	Schmidt	4000
708	Same	Same	4000
709	Same	Same	4000
710	Same	Same	4000
711	Nengst	Hoffman	1000
712	Hoffman	Hoffman	1000
713	Gilman	Herald	500
714	Schroeder	Ball	500
715	Smith	Smith	450
716	Grant	Grant	1000

717	Knudsen	Knudsen	1600
718	Evans	Davis	1400
719	Powers	Powers	600
720	Carson	Carson	4000
721	Cosco	Cosco	1000
722	Esben	Esben	400
723	De Martini	De Martini	4000
724	Keenan	Keenan	500
725	McSheehy	McSheehy	1000
726	Anderson	Anderson	500
727	Schoenfeld	Anderson	750
728	Overpack	Overpack	400
729	Gierup	Segerl	400
730	Born	Born	8000
731	Same	Same	6000
732	Same	Same	500
733	Same	Same	4500
734	Same	Same	5500
735	Same	Same	5500
736	Same	Same	6000
737	S. F. Labor Council	Brode	1408
738	Cambridge	McCausland	1200
739	Same	Same	1200
740	Same	Same	1200
741	Same	Same	700
742	Same	Same	700
743	Same	Rose	5175
744	Lachman	Vit	1000
745	Same	Ideal	4535
746	Anderson	Duifer	5100
747	Gaffke	W. J. Berger	1200
748	French-Am	Bk. Rudgear	16400
749	Same	Gradin	21000
750	Gartland	Central Iron	20600
751	Allen	Reersal	2005
752	Maritime	G. G. Str Iron	9000
753	Voigt	Voigt	1800
754	Hinkel	Hinkel	1950
755	Stromwald	Owner	1800
756	Frail	Piccolotto	1000
757	Holden	Holden	1800
758	Vicchio	Guist	1850
759	Woodward	Federal	400
760	Bjorkman	Bjorkman	1400
761	Morris	Morris	2100
762	Laclegue	Metor	650
763	Mages	Ward	450
764	Olsen	Novelty	500
765	Burke	Parnell	400
766	Bankers	Invst	500
767	Bekin	Schaffer	500
768	Hale	Trounsen	1500
769	Perrone	Perrone	400
770	Frank	Legrard	700
771	Schradler	Kahn	1000
772	Headen	Donovan	400
773	Dillon	Bryant	4200
774	Lachman	Burt	1175
775	Longo	Orri	5500
776	Banwarth	Burns	4800
777	Rosenberg	Damico	2857
778	Roeder	Pinnegan	620
779	Schroeder	Ball	400
780	McCann	Little	400
781	Alulisa	Alulisa	400
782	Nowe	Cal Cpr	400
783	Fardin	Orri	400
784	Schwartz	Henderson	400
785	Richardson	Bleth	3000
786	Lynch	Lynch	3000
787	Strattan	Hansen	500
788	Gibson	Gibson	2900
789	Langster	Barncroft	800
790	Saurencella	Saurencella	800
791	Leigh	Schultz	4000
792	Katz	Katz	5000
793	Western Un	Same	2500
794	Same	Same	2500
795	Penziner	Johnson	11000
796	Spaulding	Martin	\$275
797	P. I. E.	Teslan	\$149
798	Herbert	Brandon	4920

(707) W SEVENTEENTH AVE 125 N California. Two-story and basement frame dwelling.

Owner.....Tyler & Schmidt Bldg. Co., 1921 Oak, San Francisco.

Architect.....None.

Day's work.....COST, \$4000

(708) E SEVENTEENTH AVE 125 N California. Two-story and basement frame dwelling.

Owner.....Tyler & Schmidt Bldg. Co., 1921 Oak, San Francisco.

Architect.....None.

Day's work.....COST, \$4000

(709) W SEVENTEENTH AVE 152 N California. Two-story and basement frame dwelling.

Owner.....Tyler & Schmidt Bldg. Co., 1921 Oak, San Francisco.

Architect...None.
Day's work. COST, \$4000

(710) E SEVENTEENTH AVE 100 N California. Two-story and basement frame dwelling.
Owner.....Tyler & Schmidt Bldg. Co., 1921 Oak, San Francisco.
Architect...None.
Day's work. COST, \$4000

(711) NO. 97 MARKET. Construct balcony and minor changes.
Owner.....Detjen Menzel Co., Prem.
Architect...Chas. E. J. Rogers, 24 California, San Francisco.
Contractor...Aitchison & Son, 624 Taylor, Alameda.
COST, \$1000

(712) NO. 1329 SACRAMENTO. Raise and add to flats.
Owner.....R. O. Hoffman, Cr O'Brien Bros., Clunie Bldg., S. F.
Architect...O'Brien Bros., Clunie Bldg San Francisco.
Day's work. COST, \$1900

(713) N DE LONG 150 W Orizaba. One-story frame dwelling.
Owner.....Mrs. Gilmartin, 1 Orizaba Ave., San Francisco.
Architect...None.
Contractor...P Herald, 440 Head, S. F.
COST, \$500

(714) SE FOURTH AVE AND LAKE. Add rooms and minor changes.
Owner.....H. C. Schroeder, Premises.
Architect...None.
Contractor...J. F. Ball, 120 4th Ave., San Francisco.
COST, \$500

(715) NO. 1318 Noreiga. Alter front and minor repairs.
Owner.....Ed. Smith, Premises.
Architect...None.
Day's work. COST, \$450

(716) N EDINBURGH 275 E France. One-story and basement frame dwlg.
Owner.....John C. Grant, 460 Madrid San Francisco.
Architect...None.
Day's work. COST, \$1000

(717) E NAPLES 75 N Munich. One-story and basement frame dwelling.
Owner.....J. Knudsen, 157 Bon View Ave., San Francisco.
Architect...None.
Day's work. COST, \$1600

(718) E CURTIS 275 NW Morse. One and one-half-story and basement frame dwelling.
Owner.....Evans & Davis 3182 21st San Francisco.
Architect...Oliver Evans, 3182 21st, San Francisco.
Day's work. COST, \$1400

(719) NOS. 3630-32 SEVENTEENTH. Alter into flats.
Owner.....Helen Powers.
Architect...None.
Day's work. COST, \$600

(720) S CASTENADA 450 W San Marcus. Two-story and basement frame dwelling.
Owner.....W. C. Carson, 219 32nd Ave., San Francisco.
Architect...None.

Contractor...Cleave Carson & Sons, 219 32nd Ave., San Francisco.
COST, \$4000

(721) N MANILLA, bet Grant Ave and Stockton. Construct refrigerator and ammonia piping.
Owner.....Lieves & Co., 167 Post, San Francisco.
Architect...None.
Contractor...Pacific Coast Cork Insulating Co., 1756 15th, S. F.
COST, \$2000

(722) NO. 340 ASHTON. Move, alter front, new foundation and ratproof dwelling.
Owner.....P. Esben, Premises.
Architect...None.
Day's work. COST, \$400

(723) S UNION 108-9 W Stockton. Two-story and basement frame (4) flats.
Owner.....Louis De Martini.
Architect...Paul F. De Martini, 2123 Powell, San Francisco.
Day's work. COST, \$1000

(724) NO. 1388 HAIGHT. Lower floor and alter front.
Owner.....Hugh Keenan, 300 Webster, San Francisco.
Architect...None.
Day's work. COST, \$500

(725) NO. 123 KEARNY. Add mezzanine floor.
Owner.....Pellicano Rossi & Co., 123 Kearny, San Francisco.
Architect...None.
Contractor...Brunswick, Balke, Colender Co., 765 Mission, San Francisco.
COST, \$400

(726) NO. 1623 POST. Add to pool room and concrete foundation.
Owner.....K. Kuniskige, Premises.
Architect...None.
Day's work. COST, \$450

(727) E FOLSOM 100 S Tompkins. One-story frame store.
Owner.....Adolph Scheffler, 4013 Folsom, San Francisco.
Architect...None.
Contractor...C. W. Anderson, 4112 Folsom, San Francisco.
COST, \$500

(728) E DOLORES 200 N 25th. Add 3 room with porch.
Owner.....Mrs. E. McSheehy, 1147 Dolores, San Francisco.
Architect...None.
Contractor...McSheehy Bros., 74 Langton, San Francisco.
COST, \$1000

(729) NOS. 1107-09 GOLDEN GATE Ave. Wire mesh floor and remove partition.
Owner.....Salfield & Kohlberg, 500 Clunie Bldg., S. F.
Architect...Salfield & Kohlberg, 500 Clunie Bldg., S. F.
Contractor...N. P. Anderson, 320 Market, San Francisco.
COST, \$400

(730) NO. 516 WASHINGTON. New piers, remove old columns.
Owner.....The Jonas Schoenfeld Co., 500 Clunie Bldg., S. F.

Architect...Salfield & Kohlberg, 500 Clunie Bldg., S. F.
Contractor...N. P. Anderson, 320 Market, San Francisco.
COST, \$750

(731) S HOLLOWAY 75 W Faxon. One-story and basement frame dwlg.
Owner.....W. G. Overpack, 262 Jules, San Francisco.
Architect...None.
Day's work. COST, \$400

(732) W COOK 375 N Geary. Shed.
Owner.....A. Seghieri & Bro., 875 Presidio Ave., S. F.
Architect...None.
Day's work. COST, \$500

(733) LOT "L" Sea Cliff. Two-story attic and basement frame dwelling.
Owner.....S. A. Born Bldg Co., 660 Market, San Francisco.
Architect...E. G. Bolles, 68 Post, S. F.
Day's work. COST, \$8000

(734) LOT "P" Sea Cliff. Two-story attic and basement frame dwelling.
Owner.....S. A. Born Bldg Co., 660 Market, San Francisco.
Architect...E. G. Bolles, 68 Post, S. F.
Day's work. COST, \$6000

(735) LOT "O" Sea Cliff. Two-story attic and basement frame dwelling.
Owner.....S. A. Born Bldg Co., 660 Market, San Francisco.
Architect...E. G. Bolles, 68 Post, S. F.
Day's work. COST, \$4500

(736) LOT "K" Sea Cliff. Two-story attic and basement frame dwelling.
Owner.....S. A. Born Bldg Co., 660 Market, San Francisco.
Architect...E. G. Bolles, 68 Post, S. F.
Day's work. COST, \$6500

(737) LOT "B" Sea Cliff. Two-story attic and basement frame dwelling.
Owner.....S. A. Born Bldg Co., 660 Market, San Francisco.
Architect...E. G. Bolles, 68 Post, S. F.
Day's work. COST, \$5500

(738) LOT "N" Sea Cliff. Two-story attic and basement frame dwelling.
Owner.....S. A. Born Bldg Co., 660 Market, San Francisco.
Architect...E. G. Bolles, 68 Post, S. F.
Day's work. COST, \$5500

(739) LOT "H" Sea Cliff. Two-story attic and basement frame dwelling.
Owner.....S. A. Born Bldg Co., 660 Market, San Francisco.
Architect...E. G. Bolles, 68 Post, S. F.
Day's work. COST, \$5500

(740) LOT "M" Sea Cliff. Two-story attic and basement frame dwelling.
Owner.....S. A. Born Bldg Co., 660 Market, San Francisco.
Architect...E. G. Bolles, 68 Post, S. F.
Day's work. COST, \$6500

(741) NE SIXTEENTH AND CAPP. Ornamental iron for four-story and basement Class "C" building.
Owner.....S. F. Labor Council Hall Association.
Architect...Matthew O'Brien, 68 Post, San Francisco.
Contractor...Brode Iron Works, 31 Hawthorne, San Francisco

Not filed.
As work progresses payments equal to.....75%

Usual 35 days..... 25%
TOTAL COST, \$1408

(742) W FOURTY-EIGHTH AVE 300
S Irving 25x120. All work for four-
room and basement frame cottage.

Owner.....Ida M. Cambridge, 4620
Irving, San Francisco.

Architect...None.

Contractor...Geo. V. McCausland, 4173
23rd, San Francisco.

Filed Mar. 9, '14. Dated Mar. 3, '14.

Frame up and rafters in.....\$360

Brown coated and rough plumb-

ing in..... 300

Completed and accepted..... 300

Usual 35 days..... 300

TOTAL COST, \$1200

Bond, \$600. Sureties, E. A. Hoadley

and F. A. McCausland. Limit, 60 days

after March 9. Forfeit, none. Plans and

specifications filed.

(743) W FORTY-EIGHTH AVE 250

S Irving 25x120. All work for four-
room and basement cottage.

Owner.....Ida M. Cambridge, 4620

Irving, San Francisco.

Architect...None.

Contractor...Geo. V. McCausland, 4173

23rd, San Francisco.

Filed Mar. 9, '14. Dated Mar. 3, '14.

Frame up and rafters in.....\$360

Rough plumbing completed..... 300

Completed and accepted..... 300

Usual 35 days..... 300

TOTAL COST, \$1200

Bond, \$600. Sureties, E. A. Hoadley

and F. A. McCausland. Limit, 60 days after

March 9. Forfeit, none. Plans and

specifications filed.

(744) W FORTY-EIGHTH AVE 275 S

Irving 25x120. All work for four-
room and basement cottage.

Owner.....Ida M. Cambridge, 4620

Irving, San Francisco.

Architect...None.

Contractor...Geo. V. McCausland, 4173

23rd, San Francisco.

Filed Mar. 9, '14. Dated Mar. 3, '14.

Frame up and rafters in.....\$300

Brown coated and rough plumb-

ing done..... 300

Completed and accepted..... 300

Usual 35 days..... 300

TOTAL COST, \$1200

Bond, \$600. Sureties, E. A. Hoadley

and F. A. McCausland. Limit, 60 days

after March 9. Forfeit, none. Plans and

specifications filed.

(745) REAR OF W FORTY-EIGHTH

Ave 250 S Irving 25x120. All work

for three-room and basement cottage

Owner.....Ida M. Cambridge, 4620

Irving, San Francisco.

Architect...None.

Contractor...Geo. V. McCausland, 4173

23rd, San Francisco.

Filed Mar. 9, '14. Dated Mar. 3, '14.

Frame up and rafters in.....\$175

Brown coated and rough plumb-

ing completed..... 175

Completed and accepted..... 175

Usual 35 days..... 175

TOTAL COST, \$700

Bond, \$350. Sureties, E. A. Hoadley

and F. A. McCausland. Limit, 60 days

after March 9. Forfeit, none. Plans and

specifications filed.

(746) REAR OF W FORTY-EIGHTH

Ave 275 S Irving. All work for three

room and basement cottage.

Owner.....Ida M. Cambridge, 4620

Irving, San Francisco.

Architect...None.

Contractor...Geo. V. McCausland, 4173

23rd, San Francisco.

Filed Mar. 9, '14. Dated Mar. 3, '14.

Frame up and rafters in.....\$175

Brown coated and rough plumb-

ing in..... 175

Completed and accepted..... 175

Usual 35 days..... 175

TOTAL COST, \$500

Bond, \$350. Sureties, E. A. Hoadley

and F. A. McCausland. Limit, 60 days

after March 9. Forfeit, none. Plans and

specifications filed.

(747) N PACIFIC 91-6 W Jones W 23x

N 60. All work for three-story and

basement frame store and flats.

Owner.....Albert J. Fabre, Merchants

National Bank Bldg., S. F.

Architect...Fabre & Bearwald, Mer-

chants Nat'l Bank Bldg.,

San Francisco.

Contractor...L. A. Rose, Monadnock

Bldg., San Francisco.

Filed Mar. 9, '14. Dated Feb. 26, '14.

Roof on.....\$1294

Brown coated..... 1294

Completed and accepted..... 1294

Usual 35 days..... 1294

TOTAL COST, \$5176

Bond, \$2588. Surety, Southwestern

Surety Insurance Co. Limit, 75 days.

Forfeit, \$5. Plans and specifications

filed.

(748) E MISSION 295 S 16th S 75x

105. Electrical work for three-story

and basement apartments and store.

Owner.....Lachman Bros., 16th and

Mission, San Francisco.

Architect...M. Mattanovich, Hewes

Bldg., San Francisco.

Contractor...Vitt Elec. Co., 248 Church,

San Francisco.

Filed Mar. 9, '14. Dated Jan. 16, '14.

Electrical work roughed in.....\$500

Completed and accepted..... 250

Usual 35 days..... 250

TOTAL COST, \$1000

Bond, \$600. Surety, Aetna Accident &

Liability Co. Limit, forfeit, none. Plans

and specifications filed.

(749) SHEET METAL WORK ON

above.

Contractor...Ideal Cornice Co., 1040

Howard, San Francisco.

Filed Mar. 9, '14. Dated Feb. 21, '14.

Vent shafts lined and vent ducts

in place.....\$500 00

Cornices in place..... 251 25

Finished and accepted..... 300 00

Usual 35 days..... 283 75

TOTAL COST, \$1535 00

Bond, none. Limit, without delay.

Forfeit, none. Plans and specifications

filed.

(750) W TWENTY-THIRD AVE 475 N

California N 25xW 120 O L 94. All

work for two-story and garage

frame residence.

Owner.....Jas. H. and Amelia Y. An-

derson, 597 31st, Oakland.

Architect...None.

Contractor...W. F. Duffer, 519 15th Ave

San Francisco.

Filed Mar. 9, '14. Dated Mar. 4, '14.

Rafters in place.....\$1600

Brown coated..... 1000

Completed and accepted..... 1400

Usual 35 days..... 1700

TOTAL COST, \$5100

Bond, \$2550. Sureties, Mary A. Duffer

and Ray Slocumb. Limit, 90 days after

March 14. Forfeit, none. Plans and

specifications filed.

(751) NO. 615 KIRKHAM. All work

for one-story frame addition.

Owner.....Mrs. Elizabeth Gaffke, 615

Kirkham, San Francisco.

Architect...None.

Contractor...Jacob Witzelsberger, 110

Jessie, San Francisco.

Filed Mar. 9, '14. Dated Feb. 26, '14.

Enclosed and roof on.....\$573 75

Brown coated..... 573 75

Completed and accepted..... 573 75

Usual 35 days..... 573 75

TOTAL COST, \$2295 00

Bond, limit, forfeit, none. Plans and

specifications, none.

(752) W TRINITY 68-9 N Sutter W

61-8 1/2 x N 34-4 1/2. Ornamental iron,

etc., for ten-story addition to bldg.

Owner.....French-American Bank of

Savings by P. J. Walker

Co., Monadnock Bldg., S. F.

Architect...E. A. Bozio, 1125 Laguna,

San Francisco.

Contractor...Rudgear-Merle Co., Bay &

Stockton, San Francisco.

Filed Mar. 9, '14. Dated Feb. 24, '14.

Payments semi-monthly of.... 75%

Usual 35 days..... 25%

TOTAL COST, \$16,400

Bond, \$8200. Surety, A. E. and A.

Sharbora. Limit, as required. For-

feit, none. Plans and specifications

filed.

(753) PAINTING ON ABOVE.

Contractor...August Gradin, 3887 23rd,

San Francisco.

Filed Mar. 9, '14. Dated Mar. 6, '14.

Payments made as above.....

TOTAL COST, \$2100

Bond, \$1050. Sureties, G. Peterson and

S. Persson. Limit, as required. For-

feit, none. Plans and specifications

filed.

(754) SW GEARY AND LARKIN W

76xS 120. Structural steel and cast

iron work (furnish and setting) for

six-story and basement steel frame

hotel building.

Owner.....P. J. Gartland, 467 Guer-

rero, San Francisco.

Architect...Rousseau & Rousseau, Mo-

nadnock Bldg., S. F.

Contractor...Central Iron Works, 651

Florida, San Francisco.

Filed Mar. 9, '14. Dated Mar. 7, '14.

On 1st and 15th of each month 75%

Usual 35 days..... 25%

TOTAL COST, \$20,600

Bond, \$10,300. Surety, Globe Indemnity

Co. Limit, 60 days from March 7. For-

feit, \$50. Bonus, \$50 per day. Plans

and specifications filed.

(755) S CLEMENT 32-6 W Sixth Ave

W 25xS 100. Grading, concrete, car-

penter, plastering, painting, glass,

glazing, tinning, electric work, hard-

ware for one-story frame store.

Owner.....J. A. Allen.

Architect...None.

Contractor...W. W. Rednall, 2500 Fil-

bert, San Francisco.

Filed Mar. 10, '14. Dated Mar. 9, '14.

Frame up and rafters set.....\$515

1st coat plaster on..... 515

Completed..... 515

Usual 35 days..... 520

TOTAL COST, \$2065

Bond, \$1032.50. Sureties, Herman

Freese and Thos. A. Douglass. Limit,

45 days. Forfeit, \$2. Plans and spec-

ifications filed.



NEW LODGE HALL FOR KNIGHTS OF COLUMBUS
San Francisco

Will D. Shea, Architect
San Francisco



MAIN ENTRANCE KNIGHTS OF COLUMBUS HALL
San Francisco

Will D. Shea, Architect
San Francisco

(756) S CLAY 150 E Drumm. Structural iron for three-story and basement Class "A" building.
Owner.....Maritime Hall Ass'n.
Architect...Charles Paff & Co., Merchants' Exchange Bldg., San Francisco.
Contractor...Golden Gate Structural & Ornamental Iron Works, 107 11th, San Francisco.

Not filed.
On 25th each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$9000

(757) E MOSCOW 125 N Persia. One-story and basement frame dwlg.
Owner.....Geo. F. Voight, 276 23th, San Francisco.
Architect...None.
Day's work. COST, \$1800

(758) N ELIZABETH 230 E Castro. One and one-half-story and basement frame dwelling.
Owner.....Mrs. T. Hinkel, 740 Castro, San Francisco.
Architect...None.
Contractor...Hinkel Bros., 277 Eureka, San Francisco.
COST, \$1950

(759) W GAMBIER 50 N Ploche. One story and basement frame dwlg.
Owner.....J. C. Stromsward, 315 Hale, San Francisco.
Architect...None.
Day's work. COST, \$1800

(760) W NAPLES 150 S Brazil. One-story and basement frame dwlg.
Owner.....Mary Frair, 344 Naples, San Francisco.
Architect...None.
Contractor...L. Piccolotto, 205 Naples, San Francisco.
COST, \$1000

(761) LOT 43 BLK 5, Crocker Amazon Tract. One and one-half-story and basement frame dwelling.
Owner.....St. George Holden, 520 Crocker Bldg., S. F.
Architect...None.
Day's work. COST, \$1800

(762) NOS. 616-22 HAYES. Alter, raise and move flats.
Owner.....E. D. Vicchio, 299 Broadway, San Francisco.
Architect...None.
Contractor...S. A. Guist, 752 Montgomery, San Francisco.
COST, \$1850

(763) NW ELLIS and MASON. Electric sign.
Owner.....Mrs. F. Woodmansee, Frem
Architect...None.
Contractor...Federal Elec. Sign Co., 257 5th, San Francisco.
COST, \$400

(764) S MORSE 30 E Newton. One and one-half-story and basement frame dwelling.
Owner.....J. Bjorkman, 4077 33rd, San Francisco.
Architect...None.
Day's work. COST, \$1400

(765) E TWELFTH AVE 150 S Anza. Two-story and basement frame dwlg.
Owner.....A. T. Morris, 616 9th Ave., San Francisco.
Architect...None.
Day's work. COST, \$2100

(766) NO. 1201 MARIPOSA. Repair fire damages.
Owner.....Mr. Lacleigne, San Jose.
Architect...None.
Contractor...Louis Mettor, 157 Albion Ave., San Francisco.
COST, \$650

(767) NO. 777 MARKET. Alter front.
Owner.....Thos. Magee & Sons, 5 Montgomery, S. F.
Architect...None.
Contractor...Ward & Goodwin, 116 Jessie, San Francisco.
COST, \$450

(768) NO. 1252 MARKET. Construct marquis.
Owner.....J. Olsen, Premises.
Architect...None.
Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, \$500

(769) W ELEVENTH 300 S Folsom. Brick work for boliers.
Owner.....Miss Burke.
Architect...None.
Contractor...H. Parnell, San Mateo.
COST, \$400

(770) NO. 51 GEARY. Minor changes in store.
Owner.....Bankers' Invst. Co., 748 Market, San Francisco.
Architect...None.
Day's work. COST, \$500

(771) NO. 180 OTIS. New footings under basement walls.
Owner.....Martin Bekin, Premises.
Architect...Industrial Eng. Co., 519 California, San Francisco.
Contractor...W. A. Schaffer.
COST, \$500

(772) SW ELLIS and FILLMORE. Repair fire damage.
Owner.....Hale Bros., Inc.
Architect...None.
Contractor...J. Trounson, 121 5th, S. F.
COST, \$1500

(773) W PRENTISS 150 N Union. One-story and basement frame dwlg.
Owner.....G. Perrone, Premises.
Architect...None.
Day's work. COST, \$400

(774) W WEBSTER 60 S Filbert. Concrete foundation and floor and underpin dwelling.
Owner.....Mrs. Burke, 3007 Webster, San Francisco.
Architect...None.
Contractor...Chas. Legrand, 11 Chenery, San Francisco.
COST, \$700

(775) NO. 3 CHENERY. New stairs and brick veneer front and shingle.
Owner.....Schrader Est., 1133 Guerrero, San Francisco.
Architect...A. Klahn.
Contractor...A. Klahn & Son, 27 Chenery, San Francisco.
COST, \$1000

(776) NO. 70 NEY. Concrete foundation, underpinning & minor changes.
Owner.....O. B. Headen, Premises.
Architect...None.
Contractor...F. Donovan, 643 Lombard, San Francisco.
COST, \$400

(777) W FIRST AVE 125 N Fulton 25x 124. All work for two-story and basement frame flats.
Owner.....William, Kathryn and Jennie Dillon.
Architect...J. C. Hladik, Monadnock Bldg., S. F.
Contractor...Bryant & Bishop.

Filed Mar. 11, '14. Dated Mar. 9, '14.
Roof on\$1068.25
Brown coated 1068.25
Completed and accepted..... 1068.25
Usual 35 days..... 1068.25
TOTAL COST, \$4273.00
Bond, none. Limit, 70 days. Forfeit, \$5. Plans and specifications filed.

(778) E MISSION 295 S 16th S 75x E 165. Interior and exterior plastering and lathing for three-story and basement apartments and stores.
Owner.....Lachman Bros., 16th and Mission, San Francisco.
Architect...M. Mattanovich, Hewes Bldg., San Francisco.
Contractor...Chas. J. Burt, 156 Dolores, San Francisco.
Filed Mar. 11, '14. Dated Mar. 4, '14.
Lathed and brown coated.....\$2050
Completed and accepted..... 1025
Usual 35 days..... 1025
TOEAL COST, \$4100
Bond, none. Limit, without delay. Forfeit, none. Plans and specifications filed.

(779) W NINTH AVE 200 S Irving 25 x120. All work for two-story frame store and flats.
Owner.....B. Longo, 2308 Howard, San Francisco.
Architect...Theo. W. Lenzen, Humboldt Bank Bldg., S. F.
Contractor...G. Orri & F. Marschalek (Orri & Marschalek).
Filed Mar. 11, '14. Dated Mar. 9, '14.
Frame up\$1375
Brown coated 1375
Completed and accepted..... 1375
Usual 35 days..... 1375
TOTAL COST, \$5500
Bond, \$2750. Surety, Pacific Coast Casualty Co. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(780) E PARSONS 100 N Fulton E 100 NE 25 W 104 S 25. All work except painting, shades and light fixtures for two-story frame flats.
Owner.....Ellen S. Bannwarth.
Architect...August Nordin, Mills Bldg., San Francisco.
Contractor...Jno. Burns.
Filed Mar. 12, '14. Dated Mar. 10, '14.
Frame up and enclosed.....\$1200
Floors laid, window frames set and brown coated..... 1200
Completed 1200
Usual 35 days..... 1200
TOTAL COST, \$4800
Bond, \$2400. Sureties, Jas. L. Hoover and Jno. Burns. Limit, 60 days. Forfeit, \$5. Plans and specifications filed.

(781) W HYDE 127-6 N Sutter N 40 W 95 S 10 W 42-6 S 30 E 137-6. Lathing, plastering and cementing for building.
Owner.....John Cahen and Isador Rosenberg, 45 Kearny, San Francisco.
Architect...Jos. Cahen, 45 Kearny, San Francisco.
Contractor...Tony Damico.
Filed Mar. 12, '14. Dated Feb. 26, '14.
Brown coated\$120
Completed and accepted..... 687

Usual 35 days..... 600

TOTAL COST, \$3487
 Bind, \$1243.50. Surety, Pacific Coast Casualty Co. Limit, as directed. Forfeit, \$10. Plans and specifications filed.

(782) NOS. 644-6-S WALLER. Alterations on three flats.

Owner.....Mrs. Catharine Roeder, 648 Waller, San Francisco.
 Designer...Mrs. B. Apple, 648 Waller, San Francisco.

Contractor...Kearns & Finegan.
 Filed Mar. 12, '14. Dated Feb. 3, '14.

On 1st and 15th of each month progressive payments of 75%

TOTAL COST, \$620
 Bond, none. Limit, March 10, 1914. Forfeit, none. Plans only filed.

(783) SE LAKE AND FOURTH AVE.

Minor repairs to flats.

Owner.....H. C. Schroeder, 243 Lake, San Francisco.

Architect...None.
 Contractor...J. F. Ball, 120 4th Ave., San Francisco.

COST, \$400

(784) NO. 1330 MASONIC AVE. Garage in basement.

Owner.....R. McCann, Premises.
 Architect...None.

Contractor...Wm. Little, 753 8th Ave., San Francisco.

COST, \$400

(785) NE SUTTER AND POWELL.

One-story frame boot black stand.

Owner.....V. Allulsa, 49 Bernard, San Francisco.

Architect...None.
 Day's work..... **COST, \$400**

(786) SW GRANT AVE AND UNION.

Alter front.

Owner.....M. M. Nowe, n61 Union, S. F.
 Architect...None.

Contractor...California Carpenter Shop Co., 1248 1/2 Grant Ave., S. F.

COST, \$400

(787) NO. 78 CLAY. Alter saloon.

Owner.....O. Fardin, 601 Front, S. F.
 Architect...None.

Contractor...G. Orri and F. Marchaleck, 2933 22nd, San Francisco.

COST, \$460

(788) NO. 1327 McALLISTER. Cut opening in garage.

Owner.....N. Schwartz, 1001 McAllister, San Francisco.

Architect...None.
 Contractor...J. H. Henderson, 908 O'Farrell, San Francisco.

COST, \$400

(789) NO. 1032 VALLEJO. Add bay window.

Owner.....Mary Richardson, Prem.
 Architect...J. A. Dutton, Chronicle Bldg., San Francisco.

Contractor...E. C. Bleth, 120 Burnett Ave., San Francisco.

COST, \$400

(790) NOS. 569-71 NATOMA. Raise present two-story frame building, cut for light courts and install six new baths.

Owner.....P. Lynch, 1146 Hampshire, San Francisco.

Architect...None.
 Day's work..... **COST, \$3000**

(791) NO. 3025 CLEMENT Add to dwelling.

Owner.....Mrs. Rose C. Strattan, 3025 Clement, San Francisco.

Architect...None.
 Contractor...H. E. Hansen, 431 30th Ave, San Francisco.

COST, \$500

(792) S LINCOLN WAY 30 W 25th Ave. Two-story and basement frame dwelling.

Owner.....Theo. Gibson, 355 Fair Oaks, San Francisco.

Architect...None.
 Day's work..... **COST, \$2900**

(793) NO. 703 DEVISADERO. Rat-proof laundry floor.

Owner.....Mr. Sangster.
 Architect...None.

Contractor...Jerome Barncourt, 3354 Steiner, San Francisco.

COST, \$500

(794) S TWENTY-SECOND 100 E Wisconsin. Two-story and basement frame cottage.

Owner.....Frank Saurencella, Cor. Ithodel Island & 18th, S. F.

Architect...None.
 Contractor...Wm. Strickland, 18th and Potrero Ave., S. F.

COST, \$800

(795) W TWENTY-FIRST AVE 100 S Geary. Two-story and basement frame (2) flats.

Owner.....Leigh & Scholtz, 339 8th Ave., San Francisco.

Architect...Plans by Owners.
 Day's work..... **COST, \$4000**

(796) E MISSION 150 S 17th. Three-story and basement frame stores and lofts.

Owner.....Chas. Katz, 1200 Dolores, San Francisco.

Architect...None.
 Day's work..... **COST, \$3600**

(797) W NINETEENTH AVE 25 S California S 25xW 70. All work for one-story five-room frame residence.

Owner.....Western Union Home Bldgs., Inc., 1617 Telegraph Ave., Oakland.

Architect...None.
 Contractor...J. S. Connell.

Filed Mar. 13, '14. Dated Oct. 20, '13.

TOTAL COST, \$2500

Payments not given.....

Bond, none. Limit, 120 days after Oct. 17, 1913. Forfeit, none. Plans and specifications filed.

(798) W NINETEENTH AVE 50 S California S 25xW 70. All work for one-story 5-room building.

Owner.....Western Union Home Bldgs., Inc., 1617 Telegraph Ave., Oakland.

Architect...None.
 Contractor...J. S. Connell.

Filed Mar. 13, '14. Dated Oct. 20, '13.

TOTAL COST, \$2500

Payments not given.....

Bond, none. Limit, 120 days after Oct. 10, 1913. Forfeit, none. Plans and specifications filed.

(799) SW TWELFTH AND 1613 25x 80 (irregular). All work for three-story and basement frame apartments.

Owner.....A. Penziner, 2981 26th, San Francisco.

Architect...None.
 Contractor...Johnson & Hatland, 1513 Church, San Francisco.

Filed Mar. 13, '14. Dated Mar. 3, '14.

1st floor joists on.....\$1500

Roof on..... 2000

Brown coated..... 2000

Completed..... 3000

Usual 35 days..... 2000

TOTAL COST, \$11,000

Bond, none. Limit, 90 days after excavating is done. Forfeit, none. Plans and specifications filed.

(800) S GREEN 205 W Devisadero S 137-6xW 35. All work for two-story and basement and garage frame residence.

Owner.....Mary P. Spalding, Lane Hospital, San Francisco.

Architect...Albert Farr, c Post, S. F.
 Contractor...Wm. Martin, 110 Jessie, San Francisco.

Filed Mar. 13, '14. Dated Mar. —, '14.

2nd story joists on.....\$1554

Ready for lathing..... 1554

Plumbing fixtures delivered and 60% of mill work in..... 1554

Completed and accepted..... 1554

36 days after..... 2159

TOTAL COST, \$8375

Bond, \$4188. Surety, Chicago Bonding & Insurance Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(801) EXPOSITION SITE. Furnishing and installing transfer table in Transportation Building.

Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.

Architect...None.
 Contractor...Thelan Bros., 2814 Grove, Berkeley.

Filed Mar. 13, '14. Dated Mar. 6, '14.

As work progresses..... 75%

Usual 35 days..... 25%

TOTAL COST, \$6140

Bond, \$3500. Surety, U. S. Fidelity & Guaranty Co. Limit, 120 days. Forfeit, \$10. Plans and specifications filed.

(802) SW CLAY AND JONES W 120xS 33-9. Concrete, cement sidewalks and floors, brick work, iron and steel work, ornamental iron and fire escapes for three-story frame with brick and concrete basement apartments.

Owner.....A. H. Herbert, 151 Powell, San Francisco.

Architect...O'Brien Bros., Clunie Bldg, San Francisco.

Contractor...Brandon & Lawson, 180 Jessie, San Francisco.

Filed Mar. 14, '14. Dated Mar. 10, '14.

Concrete footing completed and steel delivered.....\$1230

Steel in position and brick work scaffold high..... 1230

Completion and acceptance of all work except fire escapes and cement sidewalk..... 880

35 days after completion of all work except fire escapes and sidewalk..... 1230

Completion and acceptance of fire escapes and cement sidewalk... 350

TOTAL COST, \$4920

Bond, none. Limit, 30 days after grading. Forfeit, none. Plans and specifications filed.

INCORPORATIONS.

Imperial Sales Co. Capital Stock, \$10,000; subscribed, \$300; shares, \$1 each. Directors—R. H. Manley, 25 shares; A. Rochex, 75 shares; J. A.

Coughlan, 200 shares. Place of business, San Francisco.

French Gulch Gold Mining Co. Capital Stock, \$1,000,000; subscribed, \$2500; shares, \$5 each. Directors—W. W. Shilling, C. F. Schulte, H. Kunz, H. W. Mathews, J. C. Cunningham, 100 shares each. Place of business, S. F.

Mocco Gold Dredging Co. Capital Stock, \$50,000; subscribed, \$300; shares, \$50 each. Directors—J. D. Warner, F. E. Mayo, W. W. Rodehaw, 2 shares each. Place of business, San Francisco.

The Ocean Shore Auto Stage Co. Capital Stock, \$25,000; subscribed, \$300; shares, \$100 each. Directors—H. L. Staples, J. W. Gray, M. Staples, 1 share each. Place of business, San Francisco.

Kyosan Kai. Capital Stock, \$25,000; subscribed, \$150; shares, \$10 each. Directors—S. Watanabe, T. Shilo, S. Nao, 5 shares each. Place of business, San Francisco.

Grand View Hotel Co. Capital Stock, \$10,000; subscribed, \$3; shares, \$1 each. Directors—L. W. Horn, L. Levy, J. M. Politzer, 1 share each. Place of business, San Francisco.

Roddan Latimer Sales Co. Capital Stock, \$1,000,000; subscribed, \$500; shares, \$100 each. Directors—J. Roddan, C. M. Latimer, C. D. Roddan, J. C. Fry, O. E. Jackson, 4 share each. Place of business, San Francisco.

Ensign Realty Co. Capital Stock, \$10,000; subscribed, \$10,000; shares, \$1 each. Directors—P. Bianchi, 3998 Shares; A. Bianchi, A. Tedelli, 1 share each. Place of business, San Francisco.

Union Amusement Co. Capital Stock, \$50,000; subscribed, \$30; shares, \$10 each. Directors—J. P. Sweeney, J. P. Lucey, H. Nastings, 1 share each. Place of business, San Francisco.

World's Fair Auto Car Co. Capital Stock, \$100,000; subscribed, \$7; shares, \$1 each. Directors—A. F. Hoelmer, J. H. Durlay, W. E. Lowe, W. H. Mead, H. A. Arnold, F. J. Thayer Jr., H. A. Welsh, 1 share each. Place of business, S. F.

Huntington Park Realty Co. Capital Stock, \$100,000; subscribed, \$300; shares \$100 each. Directors—R. H. Smith, N. W. Hall, W. H. Humphrey, 1 share each. Place of business, San Francisco.

Western Auto Body Manufacturing & Repair Co. Capital Stock, \$25,000; subscribed, \$3; shares, \$1 each. Directors—M. S. Harris, W. C. Puzewich, G. L. Abbott, 1 share each. Place of business, San Francisco.

NOTICE OF NON-RESPONSIBILITY.

Mar. 13, 1914—LOTS 20 AND 21 BLK "L" Mission Street Land Co. Homestead Realty Co as to improvements on leased property.....

Mar. 10, 1914—NW MARKET 40 NE O'Farrell NE 192-4% m or 1 NW 3 m or 1 N 36 m or 1 W 98-6 S 78 m or 1 SW 38 m or 1 E 11 m or 1 S 33-4% m or 1 SW 36-11% m or 1 SE 99-2% m or 1; Nos. 55-57 Geary. Bankers Investment Co as to improvements on leased property....

Mar. 10, 1914—LOT 11 BLK 5 Crocker Amazon Tract. Crocker Estate as to improvements on leased property.....

Mar. 12, 1914—LOT 39 Henry Winkles Map of Silver Terrace. Sarah Weinstein as to improvements on leased property.....

NOTICE OF NON-LIABILITY.

Mar. 9, 1914—COMG. 57-6 SW Girard and 300 NW Silliman SW parallel with NW Silliman 25 NW 81 m or 1 NE 25-63 m or 1 SE 53 m or 1 ptn Lot 1 Blk 15, University Mound. Homestead Realty Co as to improvements on leased property....

RELEASE OF BUILDING CONTRACT.

Mar. 9, 1914—NO. 615 KIRKHAM, Releasing contract filed March 2, 1914. Mrs Elizabeth Gaffke with Jacob Witzelberger, Released. Mar. 9, 1914

CESATION OF LABOR.

Mar. 12, 1914—W BRODERICK 130 S Lombard 25x107-6. A Cardinell with Jas Tarbett and Fred Knott Work ceased.....Mar. 4, 1914

BOILER APPLICATION FILED.

The Home Industry Laundry Co. has made application to the Board of Supervisors for a permit to install a 4-horsepower boiler and a 2000-gallon oil storage tank at 45 Rondel street.

COMPLETION NOTICES.

San Francisco.

March 2, 1914—N VALLEJO 99 W Laguna W 106xN 137-6. Alma Spreckels to J W Carr. Feb. 20, 1914

March 2, 1914—N MISSION 200 E 5th E 40xN 100. H Baker Fisher to Macdonald & Kahn. Mar. 2, 1914

March 2, 1914—W RHODE ISLAND 225 S 20 S 25xW 120. Afeemia & Nicholas Fadeeff to whom it may concern.....Feb. 20, 1914

March 2, 1914—W THIRTEENTH AV 175 S Judah S 25xW 120. Emil Nelson to whom it may concern.....March 2, 1914

March 3, 1914—N UNION 50 W Montgomery. Michele Boggiani to G. Ferroni & Sons.....Feb. 20, 1914

March 3, 1914—SE POWELL AND Pacific S 67-6XE 22-6. Moritz Silverman to Rosario De Luca.....Feb. 27, 1914

March 3, 1914—N OAK 157-6 W Van Ness Ave W 89-9 N 120 E 68-9 S 40 E 68-9 S 40 E 21 S 80. The Young Men's Inst. Hall Ass'n to Colusa Sandstone Co. Feb. 25; Central Iron Works.....Feb. 25, 1914

March 3, 1914—S LOMBARD 42-6 E Child 22x107-6. Jos A Florio to Debenedit & Cuneo.....Feb. 28, 1914

Mar. 5, 1914—E TAYLOR 89-9 S Clay S 25xW 80. James Ward to Charles Coburn.....Mar. 4, 1914

March 3, 1914—E DOLORES 118 S 18th. Nellie Donnelly to John J. Binet Co.....March 2, 1914

March 3, 1914—W TWENTY-FIFTH Ave 175 S Lincoln Way S 25xW 120. David Houle to T E Mohler.....March 3, 1914

March 3, 1914—W CASTRO 26-6 N Day N 25xW '05. A G Sala to whom it may concern.....Feb. 20, 1914

Mar. 4, 1914—N MCALLISTER 30-1 W Gough W 34-1xN 100. Marks Bros to Jos Kaiser and A H Leaf (as Leaf & Kaiser).....Feb. 28, 1914

Mar. 4, 1914—N WASHINGTON 70 E Davis E 40 N 60 W 20 N 60 W 20 S 120. Alfred Gonzalez to Thos H Day's Sons.....March 3, 1914

Mar. 4, 1914—SE PINE & LEAVEN-worth E 37-6xS 57-6. Theo E Rulfs to De Croupet & Hyrup. Mar. 3, 1914

Mar. 4, 1914—N CORNWALL 55 W Second Ave W 25xN 99-40. Ethel.....Feb. 23, 1914

Mar. 4, 1914—N CALIFORNIA 77-6 W Front W 60-8½xN 127-6. The Hind Estate Co to R B Moore Mill & Lumber Co.....Mar. 3, 1914

Mar. 5, 1914—SE LAKE AND 25TH Ave E 30x100. Thos Seoble to whom it may concern.....Mar. 1, 1914

Mar. 6, 1914—E THIRTY-SEVENTH Ave 125 S Lincoln Way E 120xS 25. A Belli to A M Wallen.....Jan. 9, 1914

Mar. 6, 1914—S JOHN 183-6 E Mason 23x50. Conrad P Herrmann to P Prasso.....Mar. 6, 1914

Mar. 6, 1914—W WASHBURN 192-6 N Howard Nos. 36-38 Washburn. Jas L Andrews to whom it may concern.....Mar. 2, 1914

Mar. 6, 1914—LOT 30 BLK 12 Crocker Amazon Tract. Albert Mattson to whom it may concern.....Mar. 6, 1914

Mar. 6, 1914—NW VAN NESS AVE & Hemlock N 60xW 109-9. M Fisher to whom it may concern.....Mar. 6, 1914

Mar. 6, 1914—SE THIRTEENTH AV and Lake S 100xE 32-6. C B Harrison to whom it may concern.....March 6, 1914

Mar. 6, 1914—N LOMBARD 161-3 W Devisadero W 75xN 137-6. Ella May Burke and Jas J Burke to whom it may concern.....March 2, 1914

Mar. 9, 1914—N SACRAMENTO 137-6 E Locust E 27-6x127-8½. L Loustau to B Beccas.....Feb. 27, 1914

Mar. 7, 1914—S O'FARRELL 27-6 W Gough W 55xS 107-6. Emma Brun to Henry Ernst & Sons. Mar. 6, 1914

Mar. 7, 1914—W ROUSSEAU 175 S Bosworth S 25xW 100 ptn Blk 7 De Boom Tct. E D Swift and James F Heffernan as to whom it may concern.....Mar. 6, 1914

Mar. 7, 1914—NW MISSION 325 NE 7th NE 55xN 55. Carrie Rea to Daniel O'Day Co, Rainey & Phillips, Stanquist & Forbes, Ralston Iron Works, H D Samuels Co, Kawneer Nell Dunn, Daniel Foley, S F Elev Co, J E Dwan & Co, Barth Cornice Works, W D Samuels Co, Kawneer Mfg Co, Pioneer Plate & Window Glass Co, Levy Elec Co and Hardy Lumber Co.....Mar. 6, 1914

Mar. 6, 1914—N CALIFORNIA 112-6 W Spruce W 27-6x132-7½. John F Haner to James Tarbett and Fred Knott.....Feb. 25, 1914

Mar. 9, 1914—NW ARLINGTON 128 SW Miguel SW 25xNW 100. Thos McCormick to whom it may concern.....Mar. 9, 1914

Mar. 9, 1914—SW GROVE & LARKIN W 412-6xS 275. Panama-Pacific International Exposition Co to Blume Contracting Co.....Feb. 28, 1914

Mar. 9, 1914—S MORSE 95 E Curtis E 25xS 100. William C or Wm C and wife Jennie Voight to O E Evans.....Mar. 7, 1914

Mar. 10, 1914—N CALIFORNIA 77-6 W Front W 60-8½xN 127-6. The Hind Estate Co to Joseph Musto Sons-Keenan Co.....Mar. 9, 1914

March 10, 1914—E THIRTY-FIFTH Ave 250 N Fulton N 25x120; E 35th Ave 225 N Fulton N 25x120; E 35th Ave 175 N Fulton N 25x120; E 35th Ave 200 N Fulton N 25x120. Hillyer Deuprey to Holden & Deuprey.....March 10, 1914

Mar. 11, 1914—NE SEVENTEENTH and Hampshire E 200xN 133-4. Lux School of Industrial Training to Conlin & Roberts, Inc., Feb. 27, 1914

Mar. 11, 1914—W FOURTH & JESSIE NW 75xSW 75. Mary L. Phelan to Floodberg & McCaffery, Mar. 10, 1914

Mar. 11, 1914—SE POLK & AUSTIN Ave S 60 E 38-8 N 7-11 E 81-4 N 52-1 W 120. Frances P. Morse to M. V. Brady, Mar. 9, 1914

Mar. 12, 1914—S JERSEY 225 E Noe S 114x E 25. James Tobin to F. W. Lurman, Mar. 6, 1914

Mar. 12, 1914—S UNION 60 E Kearny 22-9x68-9. Lorenzo Lombardi to Farnocchia Petri & Co., Mar. 12, 1914

Mar. 12, 1914—E ST. CHARLES AVE Lot 11 Blk 3, Ocean View Park. R. C. H. and Cora Krause to Arthur Lindberg & Matt Holm, Mar. 11, 1914

Mar. 12, 1914—SE PINE & LEAVENWORTH E 27-6xS 87-6. Thos. E. Tufts to Chas. W. Higgins, Mar. 10, 1914

Mar. 12, 1914—E ST. CHARLES AVE Lot 11 Blk 3, Ocean View Park. R. C. H. and Cora Krause to Arthur Lindberg & Matt Holm, Mar. 11, 1914

Mar. 13, 1914—PAGE NOS. 573 to 577 S line 90 E Fillmore 25x105. Wm. R. and Catherine M. Dillon to whom it may concern, Mar. 12, 1914

Mar. 13, 1914—W TRINITY 68-9 N Sutter W 61-3xN 34-4x. French American Bank of Svcs. (by P. J. Walker, Co. Agents) to Clinton Fireproofing Co., Mar. 3, 1914

Mar. 13, 1914—SE POST & LEAVENWORTH S 137-6x E 137-6. Schmiedell Est. to Edward H. Brandon and Albert W. Lawson (as Brandon & Lawson), Mar. 12, 1914

Mar. 13, 1914—W NINETEENTH AVE 25 S California S 25xW 70. Western Union Home Bldrs to J. S. Connell, Mar. 12, 1914

Mar. 13, 1914—W NINETEENTH AVE 50 S California S 25xW 70. Western Union Home Bldrs to J. S. Connell, Mar. 12, 1914

Mar. 13, 1914—E TWENTY-FIRST Ave 100 S California E 120xS 25. Annie McTaggart to Ed. Mooney, Mar. 12, 1914

Mar. 13, 1914—N CALIFORNIA 77-6 Front W 69-8xN 127-6. The Hind Estate Co. to Glasser & Kloores (as Palatina Iron Works), Mar. 12; R. D. Felt, Mar. 11, 1914

LIENS FILED

San Francisco.

Mar. 2, 1914—NW TOWNSEND AND Seventh W 275xN 275. L. Hurabielle (as Hurabielle Bros.) vs A. Rosenberg & Sons Co. and W. C. Boswell, 255

Mar. 2, 1914—E THIRTY-SEVENTH Ave 125 S H (Lincoln Way) S 25x E 120. Friedman Bros vs A. M. Wallen and A. Belli, Mar. 1, 1914

Mar. 2, 1914—E LYON 85-0x S Lombard S 24-11x E 101-4x N 24-11x W 115-0x. Dresser-McDonnell & Co., 431; Kirwan & Donovan, 431.60 vs Louis Blumberg and Marcus & Barnett

Mar. 2, 1914—LOT 114 BLK 24 Mission and 30th St. Hd Univ. described in contract as Lot 114 Blk 24 Mission St. Hd Univ. William Wolff vs William Biber and Joseph Marchus and H. Barnett, Mar. 1, 1914

Mar. 2, 1914—LOT 114 BLK 24 Mission and 30th St. Hd Univ. Kirwan

& Donovan vs William Beher and Marcus & Barnett, Mar. 1, 1914

Mar. 2, 1914—E TWENTY-THIRD Ave 90 S Ulloa S 30x E 120. J. P. Lorden Mill Co vs Frank C. Keefe and Wm. Van Herick, Mar. 1, 1914

Mar. 2, 1914—E TWENTY-THIRD Ave 90 S U (Ulloa) S 30x E 120. Keefe and Wm. Van Herick, Mar. 1, 1914

Mar. 3, 1914—N CALIFORNIA 112-6 W Spruce, Blin & Tredici, 112.50 vs Excelsior Plumbing Co., \$270 vs John F. Haner, Mar. 1, 1914

Mar. 4, 1914—E LYON 85-0x S Lombard E 101-4x S 24-11x W 101-0x N to beg. John Cassaretto vs Louis Blumberg and Marcus & Barnett and J. Marcus & Co., Mar. 1, 1914

Mar. 4, 1914—E LYON 85-0x S Lombard S 25 E 101-4x N 24-11x W 100-5x. Eureka Sash, Door & Moulding Mills vs Louis Blumberg, Joseph Marcus and H. Barnett (as Marcus & Barnett), Mar. 1, 1914

Mar. 4, 1914—E MASON 82-6 S Francisco S 27-6x E 87-6. G. Bianchini vs S. Antonelli & Giovanni Giselli, Mar. 1, 1914

Mar. 4, 1914—E LEAVENWORTH 112-6 S Eddy S 25x E 87-6. Main Street Planing Mill vs Jacob Vits, Mar. 1, 1914

Mar. 4, 1914—E LYON 85-0x S Lombard S 25x100 m. l. Brittain & Co vs Joseph Marcus and H. Barnett and Louis Blumberg, Mar. 1, 1914

Mar. 5, 1914—E LYON 85-0x S Lombard E 101-04x S 24-11x W 101-5x N to beg. J. S. Guerin & Co vs Louis Blumberg and Marcus & Co., Mar. 1, 1914

Mar. 5, 1914—E LYON 85-0x S Lombard S 25x100. Reinhardt Lumber & Planing Mill Co vs Jos. Marcus, H. Barnett & Louis Blumberg, Mar. 1, 1914

Mar. 5, 1914—SW FOURTH 55 N Folsom NW 25xSW 50. Achille Bruncardi and Americo Tovani (as A. Bruncardi & Co) vs Wm. Van Herick, Mar. 1, 1914

Mar. 10, 1914—NE GREAT HIGHWAY and Norelga (N) E 192-8 N 100 W 100 S 50 W 95-2x S 50-04x. M. Streeter vs C. M. Charreau and G. P. Spoto, Mar. 1, 1914

Mar. 11, 1914—W BRODERICK 130 S Lombard W 106-3 S 25 E 106-3 to Lombard. William H. Meyers vs John A. Cardinell, Mar. 1, 1914

Mar. 11, 1914—N CALIFORNIA 112-6 W Spruce N 132-7x W 27-6 S 132-7x to California. William H. Meyers vs John F. Haner, Mar. 1, 1914

Mar. 11, 1914—S LINCOLN WAY 57-6 W 18th Ave W 25xS 120. J. K. Stewart vs Golden Gate Park Home Bldg Society and Sol Getz & Sons, Inc., Mar. 1, 1914

Mar. 12, 1914—E LEAVENWORTH 137-6 N Turk N 25x E 87-6. Joseph L. Herger vs Jacob Vits, Estate Jacob Vits, decd., George A. Burch and Victor Hoffman (as Burch & Hoffman Co), Mar. 1, 1914

Mar. 12, 1914—SE GREEN & BRODERICK S 27-6 E 105 W 27-6 to 105. Loop Lumber Co vs Kate Luckett, J. A. Orford and Jas. P. Fletcher, Mar. 1, 1914

Mar. 13, 1914—N GEARY 135 E Van Ness Ave E 26xN 120. American Elec. Eng. Co., 2322; H. E. Drake, 2701.50; Kiernan & O'Brien, 235.30; J. P. Lorden Mill Co., 430.86 vs M. M. Finlayson and Jas. P. Sweeney, Mar. 1, 1914

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE—2 story, attic and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owner, E. A. Nickerson. The dwelling will be erected at the junction of the Tunnel and Robie Roads. The design is in the Mission style and the dwelling will contain in the neighborhood of twenty rooms, several bath rooms and sleeping porch. Interior finish will be of pine and hardwood. Hardwood and inlaid floors will be used in the principal rooms. Ornamental iron and stone fire places will be used. Plans provide for steam heat, oil burning furnace and a vacuum cleaning system. Bath rooms will be finished in tile and will be equipped with showers. Tile wainscot will be used in the kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Harris Allen, 2514 Hillegas avenue, Berkeley. Owner, C. E. Miller. The dwelling will be erected on Claremont Boulevard and has been designed for an eight-room dwelling with bath and sleeping porch. Interior finish will be of pine and hardwood. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile floor and wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame. Cost not stated. Oakland, Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, H. E. Walsh. The dwelling will be erected on Shafter avenue near College, and has been designed for a seven-room house with bath. Interior finish will be largely of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire place. Mantel will be of tile. Tile wainscot and composition floor will be used in the bath room. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Harris Allen, 2514 Hillegas avenue, Berkeley. Owner, J. W. McKibben. The house will be erected on Fremont avenue, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine and hardwood with oak floors in the principal rooms. There will be a large open fire place in the living room with a tile or brick mantel. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Harris Allen, 2514 Hillegas avenue, Berkeley. Owner, J. W. McKibben. The house will be erected on Fremont avenue, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine and hardwood with oak floors in the principal rooms. There will be a large open fire place in the living room with a tile or brick mantel. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

meda Co., Cnl. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, E. L. Peters. The house has been designed for a seven-room dwelling with baths and sleeping porch. Interior finish will be of pine, redwood and hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire place. Mantel will be of brick or tile. An automatic water heater is specified. Bath room and kitchen will have the wainscot. A composition floor will be used in the bath rooms. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and bids are now being taken.

RESIDENCE — 3 story and base, reinforced concrete, \$25,000. Berkeley, Alameda Co., Cal. Architect, John Reid, Jr., Chronicle Bldg., S. F. Owners, Phi Delta Chapter House Association. The building will be erected at the corner of Hearst and Highland avenues. There will be a reception hall and store rooms in the first floor, living room, dining room, reception hall and study rooms on the second floor and ten study rooms, sleeping apartments, baths and chapter room on the third floor. Concrete will be used to the level of the second floor and above that point the building will be of frame construction. Exterior will be covered with cement plaster. There will be steam heat, a hot water supply and other modern conveniences. An estimate of \$25,000 is placed on the work. Plans are being figured.

RESIDENCE — 2 story and base, frame, \$3,500. Oakland, Cal. Architect, none. Owner, Leo D. Nichols, Mardonough Bldg., Oakland. The dwelling will be erected on Walker avenue north of Davidson, and will contain seven rooms, bath and sleeping porch. Interior finish will be of pine and redwood with some hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot and composition floor will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE — 2 story and base, frame, \$3,500. Piedmont, Alameda Co., Cal. Architect, C. H. Miller, Dalziel Bldg., Oakland. Owner, John H. Koylan. The dwelling will be erected in Piedmont, and has been designed for a seven-room house with bath and sleeping porch. All interior finish will be of pine or redwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire place. Mantel will be of brick. Tile wainscot and composition floor will be used in the bath room. An automatic water heater is specified. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

BUNGALOW — 1½ story and base, frame, \$3,500. Berkeley, Alameda Co., Cal. Architect, none. Owner, Henry Ahnefeld, 5005 King street, Berkeley. The dwelling will be erected on El Dorado avenue near Alameda street, and has been designed for an eight-room house with bath and sleeping

porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. Bath room and kitchen will have the wainscot. An automatic water heater is specified. Plans provide for open fire places and furnace heat. Mantels will be of tile or brick. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. All materials are now being purchased.

THEATRE ALTERATIONS — Frame and concrete, \$5,000. Oakland, Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, Mr. Smith. The work will consist of new interior finish, plumbing and electric work and the installation of about 150 new seats. Exterior of the building will also be altered and a new coating of cement plaster on metal lath will be applied. Plans are complete and figures are being taken.

APARTMENT HOUSE — 2 story and base, frame, \$10,000. Oakland, Cal. Architects, Thomas & Oliver, Pantagos Theatre Bldg., Oakland. Owner, Charles L. Gifford, 5634 College avenue, Oakland. The building will be erected on the east side of College avenue south of Keith, and has been designed to contain a total of 18 rooms, which will be arranged in two and three room suites with baths. Interior finish will be largely of pine with some elm panels and hardwood floors. There will be a central heating system, probably steam heat and a hot water plant. Bath rooms will have composition floors and tile wainscot. All suites will be equipped with wall beds. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. The owner is taking figures for materials.

GARAGE — 2 story and base, reinforced concrete, \$30,000. Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner's name withheld for the present. The building has been designed for a commercial garage and will cover a considerable ground area. There will be reinforced concrete floor and walls. Interior will be arranged for office, waiting rooms, machine shop and storage space. Pine will be used for trim throughout. Plans include metal window sash and frames and special gasoline storage tanks. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

HOTEL — 3 story and base, brick and steel. Cost not stated. Oakland, Cal. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owners, Moffatt Estate. The building will be erected on 11th street between Broadway and Franklin street, and will contain stores on the first floor. Upper floors will be arranged for modern hotel rooms. There will be a number of public and private baths. Interior finish will be of pine. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Foundations and steel will be designed heavy enough to carry additional stories. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once. The work will be segregated.

BUNGALOW — 1 story and base, frame, \$2,500. Alameda, Alameda Co., Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, Mr. Johnson. The dwelling will contain six rooms and bath. Interior will be finished in pine and redwood with hardwood floors in the living and dining rooms. A large open fire place will be used in the living room. Mantel will be of tile or brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE — 2 story and base, frame, \$1,500. Oakland, Cal. Architect, none. Owner, Charles E. Quigley, 739 Grand avenue, Oakland. The dwelling will be erected on Lake Shore Drive, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and redwood with some hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have the wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

RESIDENCE — 2 story, attic and base, frame, \$1,500. Oakland, Cal. Architects, Oliver & Thomas, Pantagos Theatre Bldg., Oakland. Owner, W. F. Gilbard. The dwelling will be erected in the Fourth Avenue Terrace, and has been designed to contain eight rooms, bath and sleeping porch. All interior finish will be of pine or redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot and composition floors will be used in the bath room. An automatic water heater will be specified. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$1,000. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, Edward Lawlor. The dwelling will be erected in Piedmont by the Lake and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine, redwood and some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have the wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame, \$4,500. Berkeley, Alameda Co., Cal. Architect, Patrick-Nelson Co., 2011 Shattuck avenue, Berkeley. Owner, A. C. Wright. The dwelling will contain eight rooms, bath and sleeping porch and will be erected in Crockett. All interior finish will be of pine or redwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places.

Get it from Bacon.

The Blocks now being used for moving the Commercial High School Building were furnished by

Edward R. Bacon Co.

CONTRACTORS EQUIPMENT

Telephone Sutter 1675

38-40 NATOMA ST., S. F.

Mantels will be of tile and brick. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

RESIDENCES—1, 2 story and 3, 1 story, frame. Cost not stated. San Leandro Alameda Co., Cal. Architects, Elite Planners, 1814 5th avenue, Oakland. Owner's name withheld. These houses will be erected in the Huff Tract. The two-story house will contain seven rooms and will cost in the neighborhood of \$3,000. The one-story house will contain six rooms and cost about \$2,000 each. Pine and redwood trim and some hardwood floors will be used. There will be open fire places and tile or brick mantels. Automatic water heaters will be installed. The wainscot will be used in the bath rooms and bedrooms. Exterior will be covered with cement plaster on metal lath. Plans are being prepared.

ADMINISTRATIVE BUILDING—3 story and base. Class A construction, \$50,000. Oakland, Cal. Architects, Milwain Bros., Delger Bldg., Oakland. Owners, San Francisco, Oakland and Terminal Railroads. This corporation has secured a site at the corner of 22nd and Grove streets and will erect a substantial building in which will be housed all of the administrative branches of the company. There will be a complete steel frame, exterior walls of brick, faced with pressed brick and terra cotta. Interior of the building will be finished in pine and

hardwood. Partitions will be of hollow tile and metal lath and plaster. There will be steam heat and a hot water system. Plans are now being prepared. Further mention will be made of the work.

Building Contracts Awarded Oakland.

No.	Owner	Contractor	Amt.
522	De Lird	De Lird	400
523	Randall	Miller	100
524	Cantor	Stuart	700
525	Painter	Woods	400
526	Battenhouse	Woods	400
527	Neary	Neary	2500
528	San Martino	Kuyawa	1900
529	Peppin	Peppin	1200
530	Melrose Ch.	Johnson	1200
531	Werth	Werth	1600
532	Crosser	Scott	400
533	Ronnie	Brace	2100
534	Jenkins	Sommerstrom	7200
535	Fischhoff	Rischhoff	2500
536	Wilson	Wilson	3000
537	Williford	Williford	2375
538	Neary	Neary	2500
539	Calavado	Vaughn	4500
540	Nichols	Nichols	3500
541	Koerber	Kollmer	12500
542	City of Oakland	G. G. Iron	9000
543	Hayes	Knight	2400
544	Barnett	Broadway	1900
545	Piersants	Getty	1000
546	Atkins	Atkins	700
547	Mazzano	Mazzano	700
548	Granger	Crow	1170
549	Murphy	Murphy	2300
550	Eleberg	Okd Bldg	7000
551	Comfort	Comfort	1800
552	Sheridan	Sheridan	1600
553	Gifford	Gifford	10000
554	Glenview	Glenview	1500
555	McDonald	McDonald	1500
556	Ho Sing	Griffin	1500
557	Par Tel	Thornalley	3500
558	Koris	Dexter	1900
559	Scannavino	Scannavino	1400

578	Dewey	Dewey	1100
579	Rafferty	Rafferty	500
580	Mattos	Kopf	600
581	Hastings	Okd Bldg	1500
582	Taylor	Hayes	1000
583	United Bldrs	Owner	1800
584	Woodard	Woodard	3500
585	Spivey	Woodard	3500
586	Monroe	Monroe	2000
587	Maney	Sommerstrom	3000
588	McKittick	Costa	950
589	Allen	Walker	500
590	Jenkins	Kleeman	400
591	Allen	Jones	425
592	Lewis	Peters	3600
593	Yates	Barnett	2500
594	Breuer	Hollenbeck	2900
595	Vaughn	Vaughn	2500
596	Quigley	Quigley	4500
597	Houston	Houston	2000
598	Cath Archb	Idler	450
599	Oakland Ice	Brandon	450
600	Win Un Bldrs	Connell	2000
601	Streit	Eckland	1725
602	Same	Poulsen	1600
603	Lewis	Peters	3400
604	King	King	1000
605	Woodburn	Woodburn	1900
606	Home	Dixon	3000
607	Taylor	Hayes	1750
608	Sutton	Harris	5385

(522) S BRUCE 150 W Douglas, Oakland. One-story 1-room dwelling.
Owner.....Manuel De Lird, Box No. 2, Elmhurst.

Architect.....None
Day's work..... COST, \$100

(523) NO. 4109 LYON AVE., Oakland, Addition.

Owner.....S. A. Randall, 454 37th, Oakland.

Architect.....None.
Contractor.....E. D. Miller, 4701 Fairfax Ave., Oakland.

COST, \$100

(524) E TWENTY-FIFTH AVE 250 N E-27th, Oakland. One-story 2-room dwelling.

Owner.....F. Cantor, 2068 Sutter, San Francisco.

Architect.....None.
Contractor.....J. T. Stuart, 2435 Bartlett, Oakland.

COST, \$100

(525) S "D" 40 W 91st Ave., Oakland. One-story 3-room dwelling.

Owner.....J. N. Painter, 1001 91st Ave., Oakland.

Architect.....None.
Contractor.....A. E. Woods, 1703 83rd Ave, Oakland.

COST, \$400

(526) NO. 715 FIFTY-SECOND, Oakland, Addition.

Owner.....W. H. Battenhouse, Prem.

Architect.....None.
Day's work..... COST, \$750

(531) S APGAR 407 E 38th, Oakland. One-story 3-room dwelling.

Owner.....Wm. F. Neary, 1723 Telegraph Ave., Oakland.

Architect.....None.
Day's work..... COST, \$2500

(532) W JONES AVE 200 S Bond, Oakland. Two-story 5-room dwlg.

Owner.....N. De San Martino, 2017 Jones Ave., Oakland.

Architect.....None.
Contractor.....J. P. Kujawa, 1933 69th Ave., Oakland.

COST, \$1900

(537) S HILLSIDE 150 W 91th Ave., Oakland. One-story 4-room dwlg.

Owner.....Alex Brown, 1518 89th Ave., Oakland.

Architect.....None.
Day's work..... COST, \$1300

Wednesday, March 13 1914.

(558) W STANLEY ROAD 800 W Bancroft Ave., Oakland. One-story six-room dwelling.

Owner.....J. B. Peppin Jr., San Leandro.

Architect...None.
Day's work. COST, \$2400

(559) W FORTY-SEVENTH AVE 60 N Melrose Ave., Oakland. Sunday School.

Owner.....Melrose Free Church, Prem.

Architect...None.
Contractor...Carl Johnson.
COST, \$1200

(540) S E-THIRTY-FIRST 330 W 14th Ave., Oakland. Two-story six-room dwelling.

Owner.....H. Werth, 1425 E-31st, Okd

Architect...None.

Day's work. COST, \$1600

(541) NO. 909 CHESTER, Oakland. Reshingle and repairs.

Owner.....Mrs. Crosser, Premises.

Architect...None.
Contractor...G. E. Lilley, 1754 5th, Okd.
COST, \$100

(542) S FORTY-FIFTH 356 E Market, Oakland. One-story five-room dwlg.

Owner.....Karl T. Romie, Soledad.

Architect...None.
Contractor...G. A. Scott, 685 23rd, Okd.
COST, \$2100

(544) S E-TWELFTH 40 E Second Ave., Oakland. Two-story 12-room flats.

Owner.....Mrs. Adelaide Jenkins, 2219 California, Oakland.

Architect...None.

Contractor...Sommarstrom Bros., 202 E-17th, Oakland.
COST, \$7200

(547) E CHERRY 160 N Harwood Ave., Oakland. One and one-half-story 6-room dwelling.

Owner.....Jno. A. Bischoff, 551 Crofton Ave., Oakland.

Architect...None.

Day's work. COST, \$2500

(548) E RICARDO 226 N Catuna, Piedmont. Five-room bungalow.

Owner.....Chas. C. Wilson, Piedmont

Architect...None.

Contractor...M. P. Brasch, 5836 Ocean View Drive, Oakland.
COST, \$3000

(549) E Manila Ave 175 S Clifton, Oakland. One-story 5-room dwlg.

Owner.....Minnie Willford, 1729 Broadway, Oakland.

Architect...None.

Day's work. COST, \$2375

(550) S APGAR 407 E Grove, Oakland. One-story 5-room dwelling.

Owner.....Wm. F. Neary, 1723 Telegraph Ave., Oakland.

Architect...None.

Day's work. COST, \$2500

(551) S SANTA RAY AVE 500 W Carlston Ave., Oakland. Two-story 7-room dwelling.

Owner.....Calavado Co., Albany Bldg., Oakland.

Architect...None.

Contractor...Jno. Vaughan, 1124 Ham-pel, Oakland.
COST, \$1500

(552) E WALKER AVE 50 N David-son Way, Oakland. Two-story seven room dwelling.

Owner.....Leo L. Nichols, Macdonough Bldg., Oakland.

Architect...None.
Day's work. COST, \$3500

(553) SE LAWTON AND COLLEGE Aves., Oakland. Two-story 21-room apartments and 5 stores.

Owner.....F. C. Koerber, 2645 Ashby Ave., Berkeley.

Architect...None.

Contractor...J. C. Kollmer, 2753 Pied-mont Ave., Berkeley.
COST, \$12,500

(554) FORTY-FIFTH AND BROAD-way, Oakland. Structural iron work Commercial High School.

Owner.....City of Oakland.

Architect...J. J. Donovan, Security Bank Bldg., Oakland.

Contractor...Golden Gate Structural & Ornamental Iron Works, 107 11th, San Francisco.

Not filed.

On 20th of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$9000

(555) NO. 2252 BRUSH, Oakland. Ad-dition.

Owner.....Mrs. Mary Hayes.

Architect...None.

Contractor...Harry C. Knight, 1725 Broadway, Oakland.

Filed Mar. 10, '14. Dated Mar. 7, '14.

Building raised and basement

braced\$150

3rd floor ceiling joists in place..... 500

Outside wall enclosed..... 500

Inside work completed..... 600

Brown coated 500

Completed and accepted..... 150

TOTAL COST, \$2400

Bond, limit, forfeit, none. Plans and specifications filed.

(556) SE MERA 60 W 40th Ave., Oak-land. One-story 5-room dwelling.

Owner.....G. Barnett, 6226 Harmon, Oakland.

Architect...None.

Contractor...H. Broadway, 2511 34th Ave., Oakland.
COST, \$1900

(557) S SAN JUAN 220 E 38th Ave., Oakland. One-story 4-room dwlg.

Owner.....S. A. Pleasants, Cor. 38th Ave and E-11th, Oakland.

Architect...None.

Contractor...N. W. Getty, 1965 41st Ave., Oakland.
COST, \$1000

(558) S NOBLE 121 W 62nd Ave., Oakland. One-story 4-room dwelling.

Owner.....C. F. Atkins, 6128 Orion, Oakland.

Architect...None.

Day's work. COST, \$700

(559) N FORTY-NINTH 155 W Broad-way, Oakland. One-story 4-room dwelling.

Owner.....G. Mazzano, 162 Mather, Oakland.

Architect...None.

Day's work. COST, \$700

(560) S ALCATRAZ AVE 100 E Dana Oakland. One-story 4-room dwlg.

Owner.....A. Granger, 457 Alcatraz Ave., Oakland.

Architect...None.

Contractor...J. W. Crow, 377 56th, Okd.
COST, \$1170

(561) N KALES AVE 420 E College Ave., Oakland. One-story 6-room dwelling.

Owner.....J. E. Murphy, 1823 Grove, Oakland.

Architect...None.

Day's work. COST, \$2500

(562) N PARK VIEW AVE 150 E Walker, Oakland. Two-story 10-room dwelling.

Owner.....C. M. Fieberg, Bacon Bldg., Oakland.

Architect...None.

Contractor...Oakland Bldg. Co., Se-curity Bank Bldg., Oakland
COST, \$7000

(563) N SANTA RITA AVE 75 E 40th Ave., Oakland. One-story 5-room dwelling.

Owner.....Mrs. A. Belle Comfort, 524 Lake Shore Blvd., Oakland.

Architect...None.

Contractor...O. B. Comfort, 528 Lake Shore Blvd., Oakland.
COST, \$1800

(564) E SIXTY-FOURTH AVE opp. Virginia, Oakland. One-story five-room dwelling.

Owner.....K. M. Sheridan, 1620 Broadway, Oakland.

Architect...None.

Day's work. COST, \$1600

(565) E COLLEGE AVE 64 S Keith Ave., Oakland. Two-story 18-room apartments.

Owner.....Chas. L. Gifford, 5634 Col-lege Ave., Oakland.

Architect...Thomas & Oliver, Pan-tages Bldg., Oakland.

Day's work. COST, \$10,000

(568) SE WELLINGTON & 13TH AVE Oakland. One-story 4-room club house.

Owner.....Glenview Bldg. Co., Inc., 4616 Dolores Ave., Oakland.

Architect...A. W. Smith, 1010 Broad-way, Oakland.

Day's work. COST, \$1500

(569) E RANSOME AVE, bet Santa Rita and Carrington, Oakland. One-story 3-room dwelling.

Owner.....V. M. Taft, 3225 Logan, Oakland.

Architect...None.

Contractor...Alex McDonald, 2325 Sal-inger Ave., Oakland.
COST, \$1500

(570) NO. 710 WEBSTER, Oakland. Alterations.

Owner.....Ha Sing, Premises.

Architect...None.

Contractor...C. M. Griffin.
COST, \$1500

(572) E FOOTHILL BLVD. 200.61 N 35th Ave., Oakland. All work for 3-story and basement steel, brick and concrete telephone building.

Owner.....The Pacific Telephone and Telegraph Co., 1751 Franklin, Oakland.

Architect...None.

Contractor...W. G. Thornalley, Oakland

Filed Mar. 11, '14. Dated Mar. 7, '14.

1st day of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$35,900

Bond, \$17,950. Surety, Southwestern Surety Ins. Co. Limit, 140 days after March 12. Forfeit, \$50. Bonus, \$50. Plans and specifications filed.

(573) LOT 26 ELK "D" Geo. W. Austin's Subdiv Vernon Park, Oakland. All work for one-story dwelling. Owner.....Caroline Briggs, Giant. Architect...None. Contractor, A. R. Dexter, 2321 Grove, Oakland.

Filed Mar. 11, '14. Dated Mar. 10, '14. As payments become due to be paid by Mood & Rivers of Oakland.....
TOTAL COST, \$1900

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(571) NE McMILLAN AVE & OCEAN View Drive, Oakland. Addition. Owner.....Mrs. G. D. Korts, Prem. Architect...None. Contractor, J. Almar Millen.

COST, \$400

(575) W DIAMOND AVE 1050 N Hopkins, Oakland. One-story 5-room dwelling.

Owner.....J. A. Scannavino, 3668 Diamond Ave., Oakland. Architect...None. Day's work.

COST, \$1400

(578) W MANILA AVE 33 N 19th, Oakland. One-story 4-room dwelling. Owner.....W. A. Dewey, 3323 Elm, Oakland.

Architect...None. Day's work.

COST, \$1100

(579) NO. 1503 AUSEON AVE., Oakland. Alterations. Owner.....Jas. J. Rafferty, Premises. Architect...None.

Day's work.

COST, \$500

(580) NO. 1036 THIRTY-FOURTH AVE., Oakland. Alterations. Owner.....Mrs. E. Mattos, Premises. Architect...None.

Contractor, J. B. Kopf, 1015 82nd Ave., Oakland.

COST, \$600

(581) NO. 415 OAKLAND AVE., Oakland. Alter dwelling into flats. Owner.....Helene Hastings, Premises. Architect...None.

Contractor, Oakland Bldg. & Invest. Co., Eacon Bldg., Oakland.

COST, \$1500

(582) NO. 2605 MARKET, Oakland. Alter and repair. Owner.....W. P. Taylor, Premises. Architect...None.

Contractor, E. W. Hayes, 821 3rd Ave., Oakland.

COST, \$1000

(583) E TWENTY-FIFTH AVE 191 N 15-24th, Oakland. One-story 5-room dwelling.

Owner.....United Home Bldrs., 1762 Broadway, Oakland. Architect...None. Day's work.

COST, \$1800

(589) W THIRTEENTH AVE 200 Brighton Ave., Oakland. Two-story 8-room dwelling.

Owner.....Mrs. W. H. Woodward, Okd. Architect...None. Contractor, E. W. Woodard, 2645 12th Ave., Oakland.

COST, \$3500

(590) SE EVERETT AND VISTA, Oakland. Two-story 7-room dwelling. Owner.....G. B. Spivey, 3745 Mayce, Oakland.

Architect...None. Contractor, E. W. Woodard, 2645 12th Ave., Oakland.

COST, \$3500

(591) W RAWSON 140 N Trask, Oakland. One-story 6-room dwelling. Owner.....J. W. Monroe, 690 61st, Oakland.

Architect...None. Day's work.

COST, \$2500

(592) E GRAND AVE 253 S Cottage, Oakland. One and one-half-story 6-room dwelling.

Owner.....Jacob Maney, 2914 Grove, Oakland.

Architect...None. Contractor, Sommarstrom Bros., 202 E-12th, Oakland.

COST, \$3000

(593) LOT 58 MAP PALO VISTA TCT, Oakland. All work except plumbing and electric wiring for one-story frame dwelling.

Owner.....Annie Halden McKittick, 1319 61th Ave., Oakland.

Architect...None. Filed Mar. 12, '14. Dated Feb. 26, '14. Contract signed.....\$150

Balance in monthly installments of \$15 per month

TOTAL COST, \$350

Bond, limit, forfeit, none. Plans and specifications, none.

(594) NO. 510 TWELFTH, Oakland. Alterations. Owner.....Wiley B. Allen, 1209 Washington, Oakland.

Architect...None. Contractor, L. G. Walker, 566 14th, Okd.

COST, \$500

(595) NO. 6103 BROMLEY, Oakland. Addition and repairs.

Owner.....Joe Jenkins, Premises. Architect...None. Contractor, Wm. Kleeman, 188 Page, San Francisco.

COST, \$100

(596) NO. 510 TWELFTH, Oakland. Alterations. Owner.....Wiley B. Allen, Premises. Architect...None.

Contractor, V. Jones, 202 Washington, Oakland.

COST, \$125

(601) W GRAND AVE 43.96 N Elwood Ave NW 105.85 NE 31 SE 105.25 th 43 to pt beg, Oakland. All work for one-story frame dwelling and garage.

Owner.....Frank F. Lewis. Architect...Hiram King Lovell, South Berkeley BK Bldg., Bkly.

Contractor, Fred Peters, 339 Portland Ave., Oakland.

Filed Mar. 13, '14. Dated Mar. 12, '14. 1st floor joists in place.....\$675

Ready for plaster..... 675

Ready for finish..... 675

Completed and accepted..... 675

Usual 35 days..... 900

TOTAL COST \$3600

Bond, \$900. Surety, Frederick W. Peters. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(602) S RUTH AVE 250 W 55th Ave, Oakland. One and one-half-story 5-room dwelling.

Owner.....C. Yates, Oakland. Architect...None. Contractor, T. L. Burnett, 745 Alleen, Oakland.

COST, \$2500

(603) E COLLEGE intr Bryant, Oakland. One and one-half-story six-room dwelling.

Owner.....The John Breuner Co, 1310 and Franklin, Oakland. Architect...None.

Contractor, G. B. Hollenbeck, 210 Fairfax Ave., Oakland.

COST, \$2900

(601) W EL CENTRO AVE 130 S 13th Ave, Oakland. Two-story 7-room dwelling.

Owner.....Emma Vaughn, 5833 Ayala, Oakland. Architect...None.

Contractor, M. C. Vaughn, 5833 Ayala, Oakland.

COST, \$2500

(605) W LAKE SHORE AVE 105 S Cottage, Oakland. Two-story seven-room dwelling.

Owner.....Chas. E. Quigley, 730 Grand Ave., Oakland. Architect...None.

Day's work.

COST, \$1500

(606) E MANOR DRIVE ———, Piedmont. Two-story frame residence. Owner.....H. P. Houston.

Architect...C. B. Barton, 515 Security Bank Bldg., Oakland.

COST, \$3000

(609) SE DANA & ALCATRAZ AVE, Oakland. Alterations. Owner.....Roman Catholic Archbishop, Premises.

Architect...None. Contractor, Kidder & McCullough, 2075 Addison, Berkeley.

COST, \$450

(610) COR. SECOND AND BRUSH, Oakland. One-story brick pump house.

Owner.....Oakland Ice & Cold Storage Co., 2nd and Market, Oakland.

Architect...None. Contractor, Brandon & Lawson, S. F.

COST, \$150

(611) LOT 16 MAPLE TERRACE, Oakland. All work for one-story 5-room dwelling.

Owner.....Western Union Home Bldrs., Inc., 1647 Telegraph Ave., Oakland.

Architect...None. Contractor, J. S. Connell, Oakland.

Filed Mar. 13, '14. Dated Sept. 18, '13. Progressive payments.....

TOTAL COST, \$2000

Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(612) NE ELEVENTH & FRANKLIN E 100XN 37-6, Oakland. Painting, tinting and linacrusta for six-story and basement brick and steel hotel.

Owner.....Mrs. Barbara Streit, Okd. Architect...Wm. Wilde, Albany Bk., Oakland.

Contractor, C. M. Bkland, Oakland. Filed Mar. 13, '14. Dated Mar. 9, '14.

1st day of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$1725

Bond, \$900. Surety, Chicago Bonding & Surety Co. Limit, 10 days. Forfeit, \$10. Plans and specifications, none.

(612) STEAM HEATING ON ABOVE.
Contractor...A. M. Poulsen, Oakland.
Filed Mar. 12, '14. Dated Mar. 9, '14.
Payments same as above.....
TOTAL COST, \$1600
Bond, \$810. Surety, American Surety Co. Limit, 25 days. Forfeit, \$10. Plans and specifications filed.

(614) W GRAND AVE 44 N Elwood Ave., Oakland. One-story five-room dwelling.
Owner.....Frank F. Lewis, 627 Broadway, Oakland.
Architect...None.
Contractor...Fred Peters, 1468 Ridge-way Ave., Oakland.
COST, \$3400

(615) E LOMA VISTA AVE 150 S California, Oakland. One-story four-room dwelling.
Owner.....Oswald King, 3611 Quigley Oakland.
Architect...None.
Day's work. COST, \$1000

(616) E EVERETT AVE 375 S Hampel, Oakland. One-story five-room dwelling.
Owner.....P. E. Woodburn, 3965 Greenwood Ave., Oakland.
Architect...None.
Day's work. COST, \$1900

(617) W GRAND AVE 160 S Bonham way, Oakland. Two-story 8-room dwelling.
Owner.....Home Invest. Co, 202 Security Bank Bldg., Okd.
Architect...W. W. Dixon.
Contractor...W. W. Dixon, 1844 5th Ave Oakland.
COST, \$3000

(619) TWENTY-SIXTH AND MARKET Oakland. Remodel and repair two-story frame dwelling.
Owner.....W. P. Taylor.
Architect...None.
Contractor...E. W. Hayes, 824 3rd Ave., Oakland.
Filed Mar. 14, '14. Dated Mar. 4, '14.
Lumber on ground..... 25%
Work 1/2 completed..... 35%
Completed and accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, \$1750
Bond, limit, forfeit, none. Plans and specifications filed.

(620) LOT 2 BLK 7 Map Haddon Hill, Oakland. All work for two-story and basement frame dwelling.
Owner.....J. R. Sutton, 362 Edwards, Oakland.
Architect...None.
Contractor...D. F. Harris, 1303 Carrison, Berkeley.
Filed Mar. 13, '14. Dated Mar. 13, '14.
Foundation completed and framing lumber on ground..... \$73
Frame up and roof sheathed..... 674
Ready for plaster..... 1346
Completed and accepted..... 1346
Usual 35 days..... 1346
TOTAL COST, \$5335
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications, none.

Building Contracts Awarded

Berkeley.

No.	Owner	Contractor	Amt.
527	Lawton	Lawton	450
528	Faulkes	Faulkes	450
529	Pfrang	Pfrang	1950
530	Same	Same	1950
531	Same	Same	1950
532	Peake	Peake	2250
533	Same	Same	2000
536	Gounoler	Gounoler	1900
543	Vost	Victory	1900
545	Wilson	Makin	6124
546	Same	Webb	11500
556	Grenier	Kidder	2500
567	Lavigne	Spitler	1800
571	Kaiser	Kollmer	1850
576	Malmstrom	Johanson	1000
577	Strang	Kidder	450
584	Strang	Strang	2000
586	Nelson	Pallen	2500
587	Mitchell	Salfron	5000
588	Simpson	Marshall	10000
607	Richter	Reinerasen	400
608	Michles	Allen	400
618	Bkly Elks	Peterson	3420

(527) NO. 2214 CHANNING WAY, Berkeley. Repairs.
Owner.....F. H. Lawton, 2035 Shattuck Ave., Berkeley.
Architect...Noone.
Day's work. COST, \$450

(528) NO. 1378 SIXTY-FOURTH AVE. Addition.
Owner.....Mrs. J. H. Faulkes, 928 E. 14th, Oakland.
Architect...None.
Contractor...Jno. R. Faulkes, 9828 E. 14th, Oakland.
COST, \$450

(529) S CARRISON 200 E San Pablo Ave., Berkeley. One-story 5-room dwelling.
Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.
Architect...None.
Day's work. COST, \$1950

(530) S CARRISON 170 E San Pablo Ave., Berkeley. One-story 5-room dwelling.
Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.
Architect...None.
Day's work. COST, \$1950

(531) S CARRISON 130 E San Pablo Ave., Berkeley. One-story 5-room dwelling.
Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.
Architect...None.
Day's work. COST, \$1950

(532) W COLUSA AVE 3747 N Posen Ave., Berkeley. One-story five-room dwelling.
Owner.....F. R. Peake Co, 2127 University Ave., Berkeley.
Architect...None.
Day's work. COST, \$2250

(533) W JEFFERSON 150 N Channing Way, Berkeley. One-story 5-room dwelling.
Owner.....F. R. Peake Co, 2127 University Ave., Berkeley.
Architect...None.
Day's work. COST, \$2000

(536) NO. 1616 VIRGINIA (rear), Berkeley. One-story 4-room dwelling.
Owner.....Walter Gounoler, Prem.
Architect...None.
Day's work. COST, \$1000

(543) SE PARKER AND MABEL, Berkeley. One-story 5-room dwlg. Owner.....Wm. S. Vost.
Architect...None.
Contractor...J. J. Victory, 1624 4th Ave Berkeley.
COST, \$1900

(545) LOTS 7 AND 8 BLAKE TRACT No. 3, Berkeley. Lathing, plastering, stall work, iron brackets for main cornice and brick projections for cement plastering for two-story Class "C" theatre.
Owner.....Frank M. Wilson and John Muldoon, 2400 Ridge Road, Berkeley.
Architect...A. W. Cornelius, Merchants Nat'l. Bank, S. F.
Contractor...Wm. Makin, 1011 Franklin, Oakland.
Filed Mar. 9, '14. Dated Mar. 5, '14.
1st and 15th of each month..... 75%
Usual 35 days..... 25%

Bond, \$2212. Surety, Aetna Accident & Liability Co. Limit, 40 days from date of agreement. Forfeit, \$10. Plans and specifications filed.

(546) BLICK WORK ON ABOVE.
Contractor...Arthur J. Webb, 1064 47th, Oakland.
Filed Mar. 9, '14. Dated Jan. —, '14.
Payments same as above.....
TOTAL COST, \$11,500
Bond, \$5750. Surety, Southwestern Surety Ins. Co. Limit, 35 days after steel frame up. Forfeit, \$10. Plans and specifications filed.

(566) E NINTH 180 S Grayson, Berkeley. Two-story 9-room dwlg. Owner.....John Holm, 2811 9th, Bkly
Architect...None.
Day's work. COST, \$2500

(567) E SIXTH 100 S Channing Way, Berkeley. One-story five-room dwlg. Owner.....J. Lavigne, Bakersfield.
Architect...None.
Contractor...E. B. Spitler, 2154 Ashby Ave., Berkeley.
COST, \$1800

(571) S HEARST AVE 105 W Acton, Berkeley. One-story 5-room dwlg. Owner.....Alice H. Kaiser, 60 Uplands Berkeley.
Architect...None.
Contractor...Jacob Kollmer, 2753 Piedmont Ave., Berkeley.
COST, \$1850

(576) E KING 175 S Ashby Ave., Berkeley. One-story 3-room dwlg. Owner.....G. Malmstrom, 3017 1/2 King Berkeley.
Architect...None.
Contractor...Gustaf Johanson, 1811 Rose, Berkeley.
COST, \$1000

(577) NO. 2343 PIEDMONT AVE., Berkeley. Alterations.
Owner.....C. R. Bernier, Berkeley.
Architect...None.
Contractor...Kidder & McCullough, 2075 Addison, Berkeley.
COST, \$450

(584) SE ADDISON AND ACTON, Berkeley. One-story 5-room dwelling.
Owner.....E. N. Strang, 1334 Eighth, Alameda.
Architect...None.
Day's work. COST, \$2000

(586) N JOSEPH 290 W Hopkins, Berkeley. One-story 5-room dwelling.
Owner.....A. Nelson, 1562 32nd, Okd.
Architect...None.
Contractor..A. H. Pallen, 686 61st, Okd.
COST, \$2500

(587) W ALVARADO ROAD 500 N Tunnel Road, Berkeley. Two-story 8 room dwelling.
Owner.....Mrs. Mitchell.
Architect...Olin S. Grove, 2911 Telegraph Ave., Berkeley.
Contractor..Oscar Salraen, 1142 Audison, Berkeley.
COST, \$5000

(588) S AVALON AVE 214 W Claremont Blvd. Berkeley. Two-story 12-room dwelling.
Owner.....Dr. Frank Simpson, Telegraph Ave and Channing Way, Berkeley.
Architect...None.
Contractor..J. A. Marshall, 2967 Avalon Ave., Berkeley.
COST, \$10,000

(607) SE ALCATRAZ AVE & CALIFORNIA, Berkeley. Shingling.
Owner.....E. G. Richter, 1602 Alcatraz, Berkeley.
Architect...None.
Contractor..A. B. Reinerasen, 744 58th Oakland.
COST, \$400

(608) NE CHERRY AND RUSSELL, Berkeley. Addition.
Owner.....T. H. Michels, 2727 Russell Berkeley.
Architect...None.
Contractor..F. E. Allen, 468 34th, Okd.
COST, \$400

(618) COR ALSTON WAY & HAROLD Way 100x100, Berkeley. Painting, decorating, etc., three-story reinforced concrete, steel and frame lodge building.
Owner.....Berkeley Elks' Hall Assn.
Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., Bkly.
Contractor..Theo. Peterson, 2034 Center, Berkeley.
Filed Mar. 14, '14. Dated Mar. 5, '14.
1st day of each month..... 75%
Usual 35 days after entire building completed and accepted.... 25%
TOTAL COST, \$3420
Bond, \$1710. Surety, National Surety Co. Limit, as soon as possible. Forfeit, \$20. Plans and specifications filed.

BUILDING CONTRACTS.

Alameda.

No.	Owner	Contractor	Am't.
585	Ahnfeld	Ahnfeld	3000
587	Hillen	Hillen	2000
598	Christy	Lukes	500
599	West End Bldg.	Owner	1500
600	Boehmer	Swenson	400

(585) S EL DORADO AVE 200 E Alameda, Berkeley. One and one-half-story 8-room dwelling.
Owner.....Henry Ahnfeld, 3005 King, Berkeley.
Architect...None.
Day's work.....
COST, \$3600

(597) NO. 1556 MOZART, Alameda. One-story 5-room dwelling.
Owner.....R. C. Hillen, Liberty and Fernside Blvd., Alameda.

Architect...None.
Day's work.....
COST, \$2000

(598) NO. 764 PACIFIC AVE, Alameda. One-story 4-room dwelling.
Owner.....Louise Christy, 766 Pacific Ave., Alameda.
Architect...None.
Contractor..H. C. Lukes, 72 Pacific Ave. Alameda.
COST, \$500

(599) NO. 1515 LINCOLN AVE., Alameda. One-story 5-room dwelling.
Owner.....West End Bldg. Association, 1600 Webster, Ala.
Architect...None.
Day's work.....
COST, \$1500

(600) NO. 1417 PARK, Alameda. Alterations.
Owner.....Mary E. Boehmer, Alameda
Architect...None.
Contractor..L. Swenson, 2242 Enomai Ave., Alameda.
COST, \$100

COMPLETION NOTICES.

ALAMEDA COUNTY.

Feb. 26, 1914—S FIFTIETH 32.5 E Shafter Ave E 33xS 92, Okd. Chas McArthur to whom it may concern.....Feb. 26, 1914
Feb. 26, 1914—SW PERRY 50x154 being NW 50 Lot 18 Blk "K" Map Oakland Heights, Oakland. Wm. Woodas Greene by Ethel H. Greene to Thad M. Tupper.....Feb. 26, 1914
Feb. 26, 1914—LOT 13 Map High Court Tract, Bkly. Geo. D. Welsh to L. H. Williams.....Feb. 25, 1914
Feb. 27, 1914—SE CHETWOOD 76.97 NE Santa Clara Ave NE 37xSE 132, Okd. Anna and Alice Nopel to O. M. Baillock.....Feb. 20, 1914
Feb. 27, 1914—E 40 LOT 34 BLK 18 Map Northbrae Bkly. Grace C. Woodburn to whom it may concern.....Feb. 23, 1914
Feb. 27, 1914—SE SIXTEENTH & SAN Pablo Ave NE 18.68 SE 50.10 SW 36.42 SW 75.19 N 67.46, Okd. First Trust & Savings Bank by P. J. Walker Co. Agents to McGilvray Stone Co.....Feb. 20, 1914
Feb. 28, 1914—SE THIRTEENTH & Clay, Okd. Jules and Hugo Abrahamson to E. T. Leiter & Sons.....Jan. 27, 1914
Mar. 2, 1914—NE GLASCOCK 100 E Derby NE 100xW 25, Alameda Co. Gregoria Castro (w/ Benigno). \$2000
Mar. 2, 1914—LOT 2 BLK "C" Map Elmerest, Okd. Fay J. and Martha Corum.....\$4400
Mar. 2, 1914—S CHANNING WAY bet Roosevelt and McGee Aves, Bkly. Margaret J. Barnett to Hughson & Donnelly.....Feb. 25, 1914
Mar. 2, 1914—LOT 13 BLK 3 Map Arlington Heights, Oakland Tp. F. F. Thomas Jr to Gustaf Johanson.....Feb. 27, 1914
Mar. 2, 1914—PTN LOTS 12 AND 13 Blk D Map Elmwood Park, Bkly. Barry Bldg Co to whom it may concern.....Mar. 2, 1914
March 3, 1914—N VIRGINIA 187 1/2 from E line Chestnut E 37 1/2 x N 150, Bkly. Alma Mills to Standard Bldg Co.....Feb. 26, 1914
Mar. 3, 1914—NW LYDIA & CURTIS, Okd. John M. Mendell to M. C. Vaughn.....Feb. 27, 1914
Mar. 4, 1914—PTN LOT 60 Map Piedmont-at-the-Lake, Okd. F. R. Jordan to P. B. Weaver.....Feb. 27, 1914
Mar. 3, 1914—LOT 4 BLK 3 Thousand Oaks Court, Bkly. George Friend to Spring Constr Co.....Feb. 20, 1914
Mar. 4, 1914—NE BROOK & BROADway 80x50, Okd. Fred W. Taylor to Geo. G. Kneppeler and H. J. Horst.....Mar. 2, 1914
Mar. 4, 1914—LOTS 28 AND 29 BLK "B" Amended Map Lorin Heights Tract, Okd. May. R. Wolverton to United Home Bldrs.....Feb. 27, 1914
Mar. 5, 1914—N HASKILL 318 W Maple W 32xN 114, Bkly. Alice F. Robinson to W. S. Robinson.....Mar. 4, '14
Mar. 6, 1914—FROM N WARD to S Bancroft Way on Shattuck Ave., Bkly. Southern Pacific R R Co to Ransome-Crummey Co.....Feb. 26, 1914
Mar. 6, 1914—SE SIXTEENTH & SAN Pablo Ave NE 18.68 SE 50.10 SW 36.42 SW 75.19 N 67.46, Okd. First Trust & Savings Bank (by P. J. Walker Co. Agent) to O. E. Brady & Son.....Feb. 24, 1914
Mar. 6, 1914—LOT 15 Map Alta Heights, Piedmont. Herbert Bashford to G. G. Reed.....Mar. 3, 1914
Mar. 7, 1914—LOT 11 BLK 15 Northbrae, Bkly. H. Eugene Bennett to Wm. C. Mason.....Feb. 28, 1914
Mar. 7, 1914—B ARCH 50 S Glenn Ave 50x150, Bkly. Henry J. McCoy to Louis Engler.....Mar. 6, 1914
Mar. 9, 1914—S DERBY 110 E College Ave E 60xS 102.5, Bkly. Louise B. Brain to Junk-Riddell Invest Co.....Mar. 9, 1914
Mar. 10, 1914—NE PIEDMONT AVE and Dwight Way E 70 N 117.50 W to E line Piedmont Ave S to pt beg, Bkly. T. M. Shearman to H. D. Koch.....Mar. 5, 1911
Mar. 10, 1914—NE LAWTON AVE & College Ave E 439 NW 200 from pt beg SE 100 NE 47.37, Okd. M. C. Ford to whom it may concern.....Mar. 7, 1914
Mar. 10, 1914—LOT 11 BLK "K" East Piedmont Heights, Okd. D. W. J. McCracken to W. E. McChesney.....Mar. 9, 1914
Mar. 11, 1914—LOT 18 and S 12 Lot 17 Map Solana Ave Terrace, Ala. Wm. B. Mallick and Harry H. Begier to whom it may concern.....Mar. 11, 1914
Mar. 12, 1914—E FOOTHILL BLVD, beginning at 108th Ave., Okd. I. W. Hellman Jr to R. H. Van Sant.....Mar. 9, 1914
Mar. 13, 1914—N CALIFORNIA — W Maple Ave being Lot 16 Maple Terrace, Okd. Western Union Home Bldrs. Inc. to J. S. Connell.....Mar. 13, '14
March 13, 1914—LOT 23 Map McMillan Tract, Okd. T. D. Courtright to whom it may concern.....Mar. 13, 1914
Mar. 13, 1914—LOTS 2 AND 3 BLK 30 Map Town of Alvarado, Alvarado, August May to C. A. Ingerson.....Mar. 10, 1911

LIENS FILED.

ALAMEDA COUNTY.

Feb. 26, 1914—LOT 2 BLK 16 Map Northbrae, Bkly. National Roofing Co vs Interurban Home Bldrs...\$57
Feb. 26, 1914—LOT 4 BLK 16 Map Northbrae, Bkly. National Roofing Co vs Interurban Home Bldrs...\$57
Feb. 26, 1914—LOT 4 BLK 16 Map Northbrae, Bkly. National Roofing Co vs Interurban Home Bldrs...\$57
Feb. 26, 1914—LOT 30 BLK 4 Map

Feb. 27, 1914—NE LAUREL AND Telegraph Ave N 47-4 E 117-7 N 47 W 117-1, Okd. T Barnewitz vs J and Anna Spelman.....\$200.75
 Mar. 2, 1914—W FIRST, bet S J and Lizzie Sts 50 frontage, Livermore. A B Hill vs Silvio Florio, Frank Lomanno and L Schenone.....\$940.05
 March 2, 1914—LOT 4 BLK 9 Claremont, Alameda County Wm Kleemann vs Mr and Mrs Bowman.....\$62
 Mar. 4, 1914—S W-FIRST, bet J and Lizzie Sts, Livermore. A B Hill vs Frank Lomanno and L Schenone.....\$940.05
 Mar. 4, 1914—LOT 58 Map Resbdivn Peralta Park. Bkly. Maxwell Hardware Co vs E B & A Fontaine.....\$49.29
 Mar. 4, 1914—W BAY PLACE, Ptn Lots 2 and 2 Map W G Henshaw's Sblv'n of Lots at 24th and Bay Place, Okd. H Peterson Co vs Otto Schubert and O E and Laura E Allen.....\$1440.60
 Mar. 5, 1914—LOT 20 BLK 4 Map Northbrae, Bkly. F W Foss vs J Brown Schuyler and Interurban Home Builders.....\$20.73
 Mar. 5, 1914—LOTS 1 AND 2 BLK 2 Map Cragmont, Bkly. F W Foss Co vs H H Gastman.....\$72.78
 Mar. 5, 1914—LOT 2 BLK 16 Map Northbrae, Bkly. F W Foss Co vs J Brown Schuyler and Interurban Home Builders.....\$19.83
 Bros., wreckers, to tear do wn a one-Mar. 5, 1914—LOT 4 BLK 16 Map Northbrae, Bkly. F W Foss Co vs J Brown Schuyler and Interurban Home Builders.....\$21.35
 Mar. 6, 1914—NW TWENTIETH AND Grove N 74.69 NW 83.64 SE 240 E 225. Bruce Lumber & Mill Co vs Roscoe Morris, Henry, Rebecca P, Hugo & Bertha J Abrahamson.....\$42.32
 Mar. 6, 1914—LOT 4 BLK 16 Map Northbrae, Bkly. Contra Costa Bldg Materials Co vs J Brown Schuyler and Interurban Home Builders.....\$129.25
 Mar. 6, 1914—LOT 2 BLK 16 Map Northbrae, Bkly. Contra Costa Building Material Co vs J Brown Schuyler and Interurban Home Builders.....\$107.04
 Mar. 6, 1914—LOT 20 BLK 4 Map Northbrae, Bkly. Contra Costa Building Material Co vs J Brown Schuyler and Interurban Home Builders.....\$80.05
 Mar. 10, 1914—LOT 20 BLK 4 Map Northbrae, Bkly. E K Wood Lumber Co vs J Brown Schuyler and Gertrude Schuyler and Interurban Home Builders.....\$112.45
 Mar. 10, 1914—LOT 4 BLK 16 Map Northbrae, Bkly. E K Wood Lumber Co vs J Brown Schuyler and Gertrude Schuyler and Interurban Home Builders.....\$39.91
 Mar 10 1914—SW E-TWENTY-FIFTH and SE 21st Ave SE 155xSW 40, Okd. Hogan Lumber Co vs Oscar and Eva Lockwood.....\$638.20
 Mar. 10, 1914—LOT 22 BLK 4 Map Northbrae, Bkly. E K Wood Lumber Co vs J Brown Schuyler and Gertrude Schuyler and Interurban Home Builders.....\$104.19
 Mar. 11, 1914—LOT 2 BLK 16 Map Northbrae, Bkly. E K Wood Lumber Co vs J Brown Schuyler, Gertrude Schuyler and Interurban Home Builders.....\$456.71
 Mar. 12, 1914—N NINTH 60 from W line Madison W 75xN 100, Okd. H

L Manning vs G E Tuman, Frank W and John R Alken and E M Reagh.....\$662.60
 Mar. 12, 1914—LOT 3 BLK "D" Map Elmcrest, Okd. Hogan Lumber Co vs George E Well.....\$526.76

SAN JOSE AND THE SANTA CLARA VALLEY

RESIDENCES—1 and 2 story, frame. Cost not stated. San Jose, Santa Clara Co., Cal. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: W. E. Woodhams, 16 North 2nd street, five-room cottage, \$1,900; N. A. Peterson, 2 East Atlantic street, five-room cottage, \$1,400; E. Davis, 999 South 7th street, six-room cottage, \$2,000; J. G. Luehner, 64 St. Mary's street, five-room cottage, \$1,000 Edward Wells, 449 North 17th street, six-room cottage, \$2,000, and R. E. Carter, 410 North 16th street, five-room cottage, \$2,000. Materials for this work are now being purchased.

BRIDGE—Reinforced concrete. Cost not stated. San Mateo, San Mateo Co., Cal. Engineer, County Surveyor, Redwood City. Contractors, San Mateo County. Plans for a wagon road bridge over Coralleras Creek in the Second Road District have been approved by the Board of Supervisors. Plans are now out for figures and bids will be opened on April 6th. Complete plans and specifications can be secured from the County Surveyor at Redwood City. An official proposal appears in another column of this issue.

Contracts Awarded.

SCHOOL—1 story and base, reinforced concrete, \$36,000. Monterey, Monterey Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Monterey School District. Contractors, Graham & Jensen, 46 Kearny street, S. F. Contract price, \$36,000.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

E FOURTEENTH ST., near Santa Clara San Jose. Five-room cottage. cottage.

Owner.....Mrs. J. Sapher, Premises. Architect.....None.

Contractor.....Lee Gardner, 197 Hawthorn Way, San Jose.

COST, \$1800

NO. 588 S-VINE, San Jose. Five-room cottage.

Owner.....A. M. Elliott, 589 S-Orchard St., San Jose.

Architect.....None.

Day's work. COST, \$1500

NO. 887 S-SEVENTH ST., San Jose. Side and rear porch.

Owner.....H. T. Pyle, Premises. Architect.....None.

Day's work. COST, \$450

BUILDING CONTRACTS.

SAN MATEO COUNTY.

LOTS 24, 25, AND 26 BLK 4, Crocker Tract, Daly City. All work for two-story and basement City Hall.

Owner.....Daly City.

Architect.....Smith & Stewart, 244 Kearny, San Francisco.

Contractor.....G. J. Doering.

Filed Mar. 2, '14. Dated Feb. 18, '14.

Framing up.....\$1492.50
 Building enclosed and ready for plastering, including basement and cells.....1492.50
 Building accepted.....1492.50
 Usual 35 days.....1492.50

TOTAL COST, \$3970.00

Bond, none. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

NE FIFTEENTH AVE & EL CAMINO Ideal, San Mateo. All labor, materials and mechanical workmanship for school building.

Owner.....San Mateo School District. Architect.....Stone & Wright, San Joaquin Bldg., Stockton.

Contractor.....Cropp & Keegan.

Filed Mar. 7, '14. Dated Feb. 16, '14.

On 1st of each month, 75%.....\$3,116

Usual 25 days, 25.....4372

TOTAL COST, \$17,488

Bond, \$8744. Surety, Aetna Accident & Liability Co. Limit, 109 working days.

Forfeit, \$10. Plans and specifications filed.

LOT 5 BLK NO. 12, Town of San Mateo Excavation, removing old building, concrete work and all other work for two-story and basement concrete City Hall and Central Fire Station.

Owner.....City of San Mateo.

Architect.....Havens & Toepke, 46 Kearny, San Francisco.

Contractor.....Caldwell & Wisnom.

Filed Mar. 2, '14. Dated Feb. 24, '14.

All foundations in & wall up.....\$ 7500

All concrete walls in place, building lathed and 2nd coat plastering inside.....10000

Completed and accepted.....6396

Usual 35 days.....5032

TOTAL COST, \$32,128

Bonds, \$15,064 and \$8032. Sureties, Robert Wisnom and John H Coleman.

Limit, 170 working days. Forfeit, \$20. Plans and specifications filed.

PLUMBING, SEWERING, GAS FITTING and steam fitting on above.

Contractor.....Snook Co, 536 Clay, S. F.

Filed Mar. 2, '14. Dated Feb. 24, '14.

Plumbing, etc., roughed in and inspected.....\$1500.00

When accepted.....1542.75

Usual 25 days.....1014.25

TOTAL COST, \$4057.00

Bonds, \$1014.25 and \$2028.50. Surety, Chicago Bonding & Surety Co. Limit, 75 days. Forfeit, \$10. Plans and specifications filed.

PAINTING, VARNISHING AND TINTING on above.

Contractor.....Jos. F. Killelea Co.

Filed Mar. 2, '14. Dated Feb. 24, '14.

All work received 2nd coat.....\$100.00

Work completed.....417.50

Usual 35 days.....272.50

TOTAL COST, \$1099.00

Bonds, \$272.50 and \$545. Sureties, Geo. C. Killelea and William W. Killelea.

Limit, 35 days. Forfeit, \$10. Plans and specifications filed.

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED

Feb. 21, 1914—SECOND AVE near County Road, San Mateo. St. Matthew's Red Cross Hospital to Troy Laundry Machinery Co., Feb. 11, '14

Feb. 21, 1914—SECOND AVE AND County Road, San Mateo. St. Mat-



Veneered Panels that
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White Brothers

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thew's Red Cross Hospital to Caldwell & Wisnom..... Feb. 19, 1914
Feb. 21, 1914—SECOND AVE near County Road, San Mateo. St. Matthew's Red Cross Hospital to Vincent J. Donovan..... Feb. 19, 1914
Feb. 25, 1914—LOT NO. 24 BLK 29, Western Addition to Town of San Mateo. W O and Mrs W O Booth to William S Leadley..... Feb. 21, 1914
Feb. 28, 1914—UPLANDS, San Mateo. Chas T Crocker to Floodberg & McCaffery..... Feb. 29, 1912
March 6, 1914—COUNTY ROAD, bet Oak Grove and Glenwood Aves, Menlo. Menlo Park Public School to Weeden Bros..... March 3, 1914

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

HOSPITAL BOILER—Cost not stated. Napa, Napa Co., Cal. Engineer, State Department of Engineering, Sacramento. Owners, State of California. Bids opened for the installation of a 250-H. P. boiler in the State Hospital at Napa show Doward Engineering Co. low at \$4,240. A complete list of bids submitted will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

HOTEL—1 story and base, brick and steel, \$65,000. Martinez, Contra Costa Co., Cal. Architect, Walter King, Elks' Bldg., Stockton. Owners, Martinez capital represented by W. J. Curtis. The building will be erected on a prominent corner and will be arranged with stores, hotel lobby and public dining room on the first floor. Upper floors will contain in the neighborhood of 20 guest rooms and a number of bat.s. Plans provide for steam heat, oil burning furnace, hot water supply and vacuum cleaning. There will be patent store fronts. Interior will be finished in pine throughout. Exterior of the building will be faced with pressed brick. Only preliminary plans have been prepared and the project depends on the amount of capital that can be interested.

INCINERATOR—Cost not stated, San Rafael, Marin Co., Cal. Architect, Thomas O'Connor, 104 D street, San Rafael. Owners, City of San Rafael. Preliminary plans are now being prepared for a modern incinerator to be erected at San Rafael. The matter has been investigated by the City Council and final approval will be given the plans as soon as they are complete. Further mention will be made of the work.

Bids For Boiler At Napa State Hospital.

Four Sets of Figures Received for Installation of Boiler at Napa Hospital Building.

(By Special Wire)

SACRAMENTO, Cal., March 10, 1914—Bids were opened at the Tuesday meeting of the State Board of Control for furnishing and installing a 250-h. p. steam boiler, together with oil burning furnace, valves and pipes at the State Hospital at Napa. The Doward Eng. Co. submitted the lowest bid at \$4,240. Other figures submitted were as follows:

Boiler at Napa Hospital.

Doward Engineering Co.	\$4,240
J. C. Hurley & Co.	4,260
Union Iron Works	4,436
Charles C. Moore Co.	5,058

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

SCHOOL—1 story and base, brick. Cost not stated. Del Rey, Fresno Co., Cal. Architect, J. Carl Thayer, Fresno. Owners, Del Rey School District. The building has been designed for a four-room school and has been designed in the Mission style. Interior finish will be of pine with maple floors in the class rooms. Plans provide for a central heating system with oil-burning furnace. There will be modern school plumbing and electric work. Exterior of the building will be faced with either cement plaster or pressed brick, this question has not been fully determined by the trustees. A clay tile roof will be used. Plans are nearly complete and figures will be called for shortly.

SCHOOL—2 story and base, reinforced concrete. Cost not stated. Chico, Butte Co., Cal. Architect, A. J. Bryan, Chico. Owners, Oakdale High School District. A report from the Chico papers states that the Board of School Trustees of the Oakdale School District at Chico will select the plans presented by Architect A. J. Bryan of Chico for the new \$50,000 school building. These plans provide for a two-story structure approximately 125 by 100 feet and containing eight class rooms, domestic and manual training departments and an auditorium seating 600 people. The report states that while official action has not been taken that all trustees favor these plans.

E. H. Williams Chalmer Munday

Munday & Williams Attorneys-at-Law

Special Attention Given to Building
Law and Bankruptcy Cases

Telephone Kearny 2622

615 Phelan Building, San Francisco

Contracts Awarded.

LIBRARY—2 story and base, reinforced concrete, \$16,147. Coalinga, Fresno Co., Cal. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owners, Coalinga Union High School Library District. Contractor, Walter J. Ochs, Coalinga. Contract price, \$16,147. Barrett-Hicks Fresno, heating. Contract price, \$500.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

COTTAGES—1 story and base, frame. Cost not stated. Sacramento, Cal. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: H. M. Earle, 3028 Magnolia avenue, 1 story, six-room cottage, \$2,500; Phillip Wolf, 2101 N street, 1 story, five-room cottage, \$2,500, and Ernest Thomas, 14th and C streets, 1 story frame, six-room house, \$2,000.

Contracts Awarded.

COURT HOUSE ADDITION—2 story and base, reinforced concrete, \$25,400. Merced, Merced Co., Cal. Architect, County Engineer, Merced. Owners, Merced County. Contractors, Graham & Jensen, 46 Kearny street, S. F. Contract price, \$25,400.

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

W ½ LOT 6, P. Q. 23RD AND 24TH STS Sacramento. Four-story flats. Owner.....Mr. and Mrs J. Lauffer. Architect.....None. Contractor.....W. R. Saunders, 2810 J St., Sacramento. Filed Mar. 7, '14. Dated Mar. 4, '14. COST, \$5300

LOT 144 CASA LOMA TERRACE, No. 3120 D St., Sacramento. One-story 6-room frame dwelling. Owner.....W. D. McKoy, 3029 E St., Sacramento. Architect.....None. COST, \$2500

LOT 68 CASA LOMA TERRACE No. 3117 E St., Sacramento. One-story 5-room frame dwelling. Owner.....W. D. McKoy, 3029 E St., Sacramento. Architect.....None. COST, \$2500

LOT 115 CASA LOMA TERRACE, No. 3121 D St., Sacramento. One-story 6-room frame dwelling. Owner.....W. D. McKoy, 3029 E St., Sacramento. Architect.....None. COST, \$2500

LOT 79 SUTTER TERRACE, No. 2728 21st St., Sacramento. One-story a-room frame dwelling.
Owner.....Clark Realty Co., 924 6th St., Sacramento.
Architect...None.
Contractor...C. E. Mendenhall, 3729 Madrone Ave., Sacramento.
COST, \$1500

LOT 78 SUTTER TERRACE ADD'N, No. 2730 21st St., Sacramento. One-story 5-room frame dwelling.
Owner.....Clark Realty Co., 924 6th St., Sacramento.
Architect...None.
Contractor...C. E. Mendenhall, 3229 Madrone Ave., Sacramento.
COST, \$1500

E 40 FT. OF S 64 FT. OF LOT 8, 8TH, 9th, E, F, Ss., Sacramento. Three-story frame tenement.
Owner.....Mrs. S. Juergensen, 801 F St., Sacramento.
Architect...A. Willoner, 524 Ochsenr Bldg., Sacramento.
COST, \$6500

S 42 FT. LOTS 125 126 BLK "L" Oak Grove, Sacramento. One-story frame dwelling.
Owner.....Samuel Shannon, 9th and D Sts., Sacramento.
Architect...None.
Contractor...W. B. Phillips, 4011 Cypress Ave., Sacramento.
COST, \$1500

N 1/2 OF S 1/2 LOT 4, X, Y, 22ND & 23RD Sts., No. 2410 23rd St., Sacramento. One-story six-room frame dwelling.
Owner.....P. E. Reed, 2013 29th St., Sacramento.
Architect...None.
Day's work. COST, \$3000

S 1/4 LOT 8, R, S, 8TH AND 9TH STS., Sacramento. Finish off 1st floor in frame tenement.
Owner.....A. Pagol, 2428 18th St., Sacramento.
Architect...None.
Contractor...Peter Leonl, 1415 P St., Sacramento.
COST, \$1250

LOT 11 FORD'S ADD'N, Kentucky Ave and Upper Stockton Road, Sacramento. One-story 4-room frame dwlg
Owner.....Geo. B. Adams.
Architect...None.
Contractor...Creighton & Spear, 1009 1/2 9th St., Sacramento.
COST, \$1000

S 1/4 LOT 1, N, O, 3RD AND 4TH STS., No. 1415 3rd St., Sacramento. Two-story frame rooming house.
Owner.....Caterina Ferrari, Premises
Architect...None.
Contractor...Chas. Vanina, 2022 M St., Sacramento.
COST, \$3300

S 60 FT. OF E 1/2 OF LOT 3 and S 60 ft. LOT 4, G, H, 10th and 11th Sts., No. 709 11th St., Sacramento. Alter three-story 9-room frame dwelling.
Owner.....Elsie Anderson, 714 11th St., Sacramento.
Architect...None.
Contractor...Theilbahr & Bender, General Delivery, Sacramento
COST, \$950

N 1/4 OF S 1/2 LOT 4, V, W, 3RD & 4TH Sts., No. 2210 4th St., Sacramento. One-story four-room frame dwelling.
Owner.....A. J. Silva, 1519 U St., Sacramento.
Architect...None.
Contractor...J. Lucas, 1610 V St., Sacramento.
COST, \$900

LOT 3729 Elmhurst, Kearny Ave., Sacramento. One-story 4-room frame dwelling.
Owner.....Mrs. V. L. Muir, 414 N St., Sacramento.
Architect...None.
Contractor...A. Miller, 3295 3rd Ave., Sacramento.
COST, \$900

LOT 10 ROSE HEIGHTS, 40th bet. Rose and Stafford Aves., Sacramento. One-story 4-room frame dwelling.
Owner.....Alice Willis, 3127 40th St., Sacramento.
Architect...None.
Contractor...Geo. Willis, 3127 40th St., Sacramento.
COST, \$800

LOT 4130 ELMHURST, Arroyo Ave near Pala Way, Sacramento. One-story 4 room frame dwelling.
Owner.....Fannie Ritchie, 2406 P St. (rear), Sacramento.
Architect...None.
Contractor...C. A. Gray, 2830 I St., Sacramento.
COST, \$700

W 1/2 OF E 1/2 LOT 3, J, K, 7TH & 8TH Sts., No. 720 J St., Sacramento. Remodel store front in brick bldg.
Owner.....McCurry Photo Co., Prem.
Architect...None.
Contractor...Van Hall.
COST, \$500

E 20 FT. OF N 1/2 LOT 1 and W 1/2 Lot 2, M, N, 2nd and 3rd Sts., No. 206 M St., Sacramento. Alter building.
Owner.....Imperial Hall Co.
Architect...None.
Contractor...O. Y. Okita, 311 L St., Sacramento.
COST, \$400

W 47 1/2 FT. LOT 3, L, J, 4TH AND 5TH Sts., No. 418 I St., Sacramento. Alter brick building.
Owner.....Geo. A. Phinney, 1330 H St., Sacramento.
Architect...None.
Contractor...Siller Bros., 1614 13th St., Sacramento.
COST, \$400

LOT 12 BLK "C" Highland Park, Sacramento. Frame off basement in frame dwelling.
Owner.....M. J. Sequeria, 24th and Carnegie Ave., Sacramento.
Architect...None.
Contractor...Chas. Vanina, 2022 M St., Sacramento.
COST, \$400

E 1/2 LOT 6, O, P, 26TH AND 21ST STS., Sacramento. Build sleeping porch on dwelling.
Owner.....H. C. Pike, 2021 P St., Sacramento.
Architect...None.
Day's work. COST, \$1400

S 1/4 LOT 1, W, X, 23RD AND 24TH STS., No. 2315 23rd St., Sacramento. One-story six-room and sleeping porch frame dwelling.

Owner.....H. M. Earle, 3028 Magnolia Ave., Sacramento.
Architect...None.
Day's work. COST, \$2500

N 1/4 LOTS T, U, 23RD AND 24TH STS., Sacramento. One and one-half-story frame dwelling.
Owner.....Philip Wolf, 2101 N St., Sacramento.
Architect...None.
Day's work. COST, \$2500

S 40 FT. OF N 1/2 LOT 8, T, U, 24TH & 25th Sts., Sacramento. One-story frame dwelling.
Owner.....Ernest Thomas, 14th and G Sts., Sacramento.
Architect...None.
Day's work. COST, \$2250

OAK PARK, Recreation Grounds, Sacramento. Build merry-go-round.
Owner.....Max Fritsch, East Ave. bet 2nd & 3rd Sts., Sacramento
Architect...None.
Contractor...D. Tatti, 2116 O St., Sacramento.
COST, \$1300

W 1/2 LOT 2, K, L, 5TH AND 6TH STS., No. 508 K St., Sacramento. Remodel store front and make one store into two in brick building.
Owner.....Folsom Inv. Co., Premises.
Architect...E. C. Hemmings, 1203 J St., Sacramento.
Contractor...Horton & Hite, 902 L St., Sacramento.
COST, \$1600

E 1/2 LOT 6, J, K, 22ND AND 23RD STS., No. 2223 K St., Sacramento. One-story frame garage.
Owner.....Lewis C. Hunter, Care W. E. Fuller & Co.
Architect...None.
Contractor...Mr. Donnerworth, 1621 16th St., Sacramento.
COST, \$300

LOT 31 Mier & Sowell High School Tet. Sacramento. One-story 5-room frame building.
Owner.....C. H. Chatterton, 3126 T St., Sacramento.
Architect...None.
Contractor...Chatterton Bros., 2112 28th St., Sacramento.
COST, \$2600

LOT 32 Mier & Sowell High School Tet. Sacramento. One-story 5-room frame building.
Owner.....C. H. Chatterton, 3126 T St., Sacramento.
Architect...None.
Contractor...Chatterton Bros., 2112 28th St., Sacramento.
COST, \$2600

E 37 1/2 OF W 1/2 LOT 19 BLK 34, W J Landers Sub B, No. 3416 Cypress Ave Sacramento. One-story 4-room dwlg.
Owner.....Peter Congelasi, Premises.
Architect...None.
Contractor...A. Miller, 3205 3rd Ave., Sacramento.
COST, \$1450

W 20 FT. OF S 60 FT. LOT 2, J, K, 7TH and 8th Sts., No. 707 Oak Ave., Sacramento. Alter one-story brick bldg.
Owner.....W. H. Funk, Premises.
Architect...None.
Contractor...C. J. Guth, 1516 27th St., Sacramento.
COST, \$300

N 40 FT. LOT 6, H J Goethe Co. Add'n
F. Carmello, bet Stanford and Cy-
press Ave., Sacramento. One-story
5-room frame dwelling.
Owner.....J. F. Wallace.
Architect.....None.
Contractor.....L. V. Pest, 3767 Palm Ave.,
Sacramento.

COST, \$1600

LOT 16 ELK 6, Fairmont Trct, Cor. Vine
and Cypress Ave., Sacramento. One-
story 5-room frame dwelling.
Owner.....Elzinger & Huxtable, 685
Vine, Sacramento.
Architect.....None.
Contractor.....Elzinger & Huxtable, 159
Vine, Sacramento.

COST, \$1800

N 1/2 OF E 1/2 LOT 1, C. D. 15TH & 16TH
Sts., No. 1504 C St., Sacramento. One-
story frame dwelling.
Owner.....Harry C. Ingham, 1500 C
St., Sacramento.
Architect.....None.
Day's work.....

COST, \$600

LOT & NORTH B, A, 10TH AND 11TH
NE "A" and 10th Sts., Sacramento.
One-story addition to frame bldg.
Owner.....Sacramento Cabinet Co.,
12th & B Sts., Sacramento.
Architect.....None.
Day's work.....

COST, \$100

N 10 FT. OF S 1/2 LOT 8, V. W. 10TH &
11th Sts., Sacramento. Raise present
two-story frame dwelling and make
grocery store underneath, build tem-
porary store at rear.
Owner.....L. K. Morlath, 2225 10th
St., Sacramento.
Architect.....C. K. Aldrich, Ochsner
Bldg., Sacramento.
Contractor.....Murcell & Haley, 2nd and
V Sts., Sacramento.

COST, \$3300

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

LOTS 12 AND 11 BLK 78 E. Stockton.
All work for 1-story garage 100x200.
Owner.....Frank Edmund Bros., W-
Adair St., Stockton (leased
by A. Mallet and Frank
Tucker).
Architect.....Rolph Morrell, Rooms 12
to 15, 1 O. O. F. Bldg.,
Stockton.
Contractor.....Frank Tucker, 321 North
Serra Nevada, Stockton.
Filed Dec. 18, '13. Dated Dec. 16, '13.
Payments not given.....

TOTAL COST, \$17,764

Fond \$8882. Sureties, L. F. Stein and
J. V. Caviotte. Limit, none. Forfeited.
none. Plans and specifications filed.

LOTS 1 AND 1 BLK 1 N of Center St.,
Stockton. Remodel and build annex
to two-story brick hotel.
Owner.....Mrs. M. Ross, Cor. Main &
Edwards St., Stockton.
Architect.....R. P. Morrell, 1-15 1 O. O.
F Bldg., Stockton.
Contractor.....W. J. Scott, Stockton.
Filed Feb. 2, '14. Dated Jan. 30, '14.
2nd story joists in place.....\$1000.00
All frames are set.....1256.25
All wood finish completed.....1000.00
All store fronts finished com-
plete and all materials and
labor finished and completed 1000.00
Building accepted.....1418.75
TOTAL COST, \$5675.00

Bond, \$2837.50. Sureties, Edw. F. Harris
and W. H. Thomson. Limit, 90 days.
Forfeited none. Plans and specifications
filed.

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
Mar. 7, 1914—RAISING OF PTN OF
levee in and immediately adj to and
northerly of the City of Sacra-
mento. Western Pacific Railway Co
to Palmer, McBride & Quale..
.....Feb. 28, 1914
Mar. 10, 1914—COR. PACIFIC AVE.,
also known as Elder Creek A. and
Lower Stockton Road in Sutter Tp
contg 3 1/2 acres. Sacramento.
Joseph Holmes, Tr Pacific School
District to R H Rulter. Mar. 10, 1914

LIENS FILED.

SACRAMENTO COUNTY.

RECORDED AMOUNT
Mar. 10, 1914—W 20 FT. LOT 6 and
E 40 ft. Lot 7, L. M. 27th and 28th
Sts., Sacramento. Waterman
Plumbing Co vs S Ginsberg. \$141.07

COMPLETION NOTICES.

SAN JOAQUIN COUNTY.

RECORDED ACCEPTED
June 7, 1913—N SAN JOAQUIN ST.,
Stockton. Yosemite Theatre Co to
whom it may concern.....Jan. 8, 1914
July 21, 1913—STOCKTON AVE.,
Stockton. Associated Oil Co to A
W Bigger.....Jan. 9, 1914

LOS ANGELES AND SOUTH- ERN CALIFORNIA.

SUPERIOR CALIFORNIA BUILDING
—2 story, frame, \$25,000. San Diego.
Cal. Architect's name not given. Owners
Superior California, including ten
northern counties in the Sacramento
Valley. The building will be 20 feet
long and 45 feet wide. First floor will
be devoted to exhibits and will also
contain a large lecture room, buffet,
process room and two offices. Second
floor will consist of art work and
reception rooms. Building is to be com-
pleted by May 1st. Plans were ac-
cepted by Director in Chief J. A. Pilch-
er of Sacramento Valley Exposition
Commission. Bids will be called for
shortly.

APARTMENT HOUSE—1 story and
base, reinforced concrete. Cost not
stated. Los Angeles, Cal. Architect,
C. W. Stewart, Waverly Apartments, L.
A. Owner, Walter L. Wilson. The
building will be erected at 133 West
21st street, having a frontage of 40
feet and a depth of 100 feet. There
will be a total of 2 rooms arranged in
two and three room suites. Interior
finish will be of pine with some hard-
wood veneer. Oak floors will be used
in the living and dining rooms. All
suites will have private baths and wall
closets. Plans provide for steam heat,
an automatic elevator and hot water sup-
ply. Bath rooms will have tile wains-
cot and composition floors. Exterior
of the building will be faced with tile.
Plans are complete and work will be
done by subcontract under the direc-
tion of the owner.

APARTMENT HOUSE—4 story and
base. Class C construction. Cost not
stated. Los Angeles, Cal. Architect,
Leonard L. Jones, 1 W. Hellman Bldg.,
L. A. Owner's name withheld. The
building will be erected at the corner
of Orange and Kip streets, covering
an area of 100 by 120 feet. There will
be a total of 118 rooms arranged in
two and three room suites with private
baths. Interior will be finished in
pine and hardwood. Plans provide for
steam heat, elevator service, wall beds,
a vacuum cleaning system and hot
water supply. Bath rooms will have
tile wainscot and composition floors.
Marble and tile will be used in the en-
trance. Exterior of the building will
be faced with pressed brick. Prelimi-
nary plans only have been prepared.

BRIDGES—2 concrete and steel. Cost
not stated. San Luis Obispo, San Luis
Obispo Co., Cal. Engineer, County Sur-
veyor A. F. Parson, San Luis Obispo.
Owners, San Luis Obispo County. Plans
for two new bridges to be constructed,
one over Santa Margarita Creek and
one over San Marcos Creek, have been
completed. Bids are now being taken
and will be opened on April 7th. Com-
plete information can be secured by
addressing County Surveyor A. F. Par-
son.

FACTORY BUILDING—Concrete and
frame construction. Cost not stated.
Vernon, Los Angeles Co., Cal. Archi-
tect, none. Owners, Griffin Car Wheel
Co., Chicago, represented by Eccles &
Smith, 213 South Los Angeles street,
L. A. The building will consist of a
foundry, 142 by 180; pattern house, 48
by 108; charging building, 100 by 62
feet; pattern storage vault, 21 by 48
feet; oil house, 20 by 12 feet; coke
sheds, 20 by 128 feet, sand sheds, 20 by
96 feet; ovens and scrap bins. The
foundry, pattern house and machine
shop will be of steel frame construc-
tion with concrete roof and corrugated
iron exterior. The charging building,
pattern vault, scrap bins, etc., will be
of reinforced concrete construction
with composition roofing. The coke
and sand sheds, etc., will be of frame
construction. Plans are complete and
figures are now being taken by Eccles
& Smith.

WAREHOUSE—3 story and base
brick and steel. Cost not stated. Los
Angeles, Cal. Architects, William Cur-
lett & Son, Title Insurance Bldg., L. A.
Owners, Rudger-Merle Co. The build-
ing will be erected at the corner of
Mamada and Palmetto streets, cover-
ing an area of 100 by 272 feet, and has
been designed for a warehouse and fac-
tory structure. There will be pine
trim, metal window sash and frames
and fire doors. Plans also provide for
elevator service. Exterior of the build-
ing will be faced with pressed brick.
Plans are being prepared.

HOTEL—4 story and base, brick and
steel, \$40,000. Los Angeles, Cal. Ar-
chitect, John B. Nicholson, Wright and
Callender Bldg., L. A. Owner, Mr.
Phillips. The building will be erected
at the corner of East 6th and San Pedro
streets, covering an area of 55 by 110
feet. There will be two stores and the
hotel lobby on the first floor. Upper
floors will contain a total of 60 rooms
and 40 baths. Interior finish will be of
pine and rewood with some hardwood.
Plans provide for steam heat, elevator
service and a hot water system. Bath
rooms will have the wainscot and com-

position floors. Patent store fronts will be specified. Exterior of the building will be faced with pressed brick. Plans are complete and bids are now being taken by A. E. Dishman.

RESIDENCE—2 story and base, hollow tile and plaster, \$24,000. Holly-wood, Los Angeles Co., Cal. Arc. Sect. Elmer Grey, Wright and Callender Bldg., L. A. Owner's name withheld. The dwelling will contain nine rooms, three baths and sleeping porches. Interior finish will be of pine, hardwood and white enamel. There will be furnace heat, open fire places, automatic water heaters and vacuum cleaning. Bath rooms will have tile floors and wainscot. Exterior of the dwelling will be covered with cement plaster. Plans are nearly complete and figures will be called for shortly.

Contracts Awarded.

HOTEL—4 story and base. Class C construction, \$36,969. Los Angeles, Cal. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owners, Consolidated Realty Co. Contractors, The Los Angeles Planning Mill Co., 1812 Industrial street, L. A., general construction only. Contract price, \$36,969.

SCHOOL GROUP—1 and 2 story and base, brick, \$103,932. Venice, Los Angeles Co., Cal. Architects, C. H. Russell Co., Union League Bldg., L. A. Owners, Venice Polytechnic High School District. Contractor, J. F. Atkinson, Story Bldg., L. A., general construction, \$103,932. The Machinery and Electric Co., 351 North Main street, L. A., heating and ventilating, \$17,471. Bids for the program clocks were taken under advisement.

SCHOOL—3 story and base. Class C construction. Cost not stated. Redondo, Los Angeles Co., Cal. Architect, Albert C. Martin, Higgins Bldg., L. A. Owner, Father C. Maloney, Contractor, Lawrence Ott, 2933 Brighton avenue, L. A. Contract price not stated.

PORTLAND AND OREGON.

APARTMENT HOUSE—3 story and base, brick, \$35,000. Portland, Ore. Architects, Chrussen & Claussen, Macleay Bldg., Portland. Owner, J. Holzman. The building will be erected at the corner of 21st and Overton streets on property 50 by 100 feet. Interior has been arranged for a number of two and three room suites with private baths and wall beds. Interior finish will be of pine and hardwood veneer. Plans provide for steam heat, a hot water supply and vacuum cleaning system. Bath rooms will have tile wainscot and composition floors. Tile and marble will be used in the entrance. Exterior of the building will be faced with pressed brick. Plans are complete and segregated figures are now being taken.

SCHOOL—2 story and base, reinforced concrete, \$20,000. Portland, Ore. Architect, F. A. Naramore, Portland. Owners, City of Portland. The building will be erected on the property bounded by Milles, Logan, Front and 5th streets, and is to be of the semi-fireproof type of construction. The building will cover an area of 112 by 63 feet and will contain four class rooms, assembly hall seating 300 people, principal's office and rest rooms. Interior finish will be of pine throughout. There will be steam heat and a vacuum cleaning system. Exterior of the building

will be faced with pressed brick. Working drawings are nearly complete and figures will be called for about April 1st.

Contracts Awarded.

STORES AND OFFICES—2 story and base, reinforced concrete, \$37,000. Seaside, Ore. Architect, F. Manson White, Seaside. Owners, Alex Gilbert and Sons. Contractor, E. G. Gudhart, 1081 East 21st street, Portland. Contract price, \$37,000.

SEATTLE AND WASHINGTON.

COURT HOUSE—4 story and base. Class A construction, \$50,000. Seattle, Wash. Architect, A. Warren Gould, American Bank Bldg., Seattle. Owners, King County. Plans for the proposed new County Court House have been completed and have been referred by the County Commissioners to the Prosecuting Attorney. Following the attorney's approval bids will be called for at once.

THEATRE AND OFFICES—4 story and base. Class A construction, \$260,000. Seattle, Wash. Architect, B. Marcus Prelica, Empire Bldg., Seattle. Owner, Alex. Pantages. The building will be erected at the northeast corner of 3rd and University, covering an area of 111 by 120 feet. Exterior will be of terra cotta. The office portion of the structure will contain 12 offices to each floor, and will have a direct radiation heating system. Interior will be finished in the French Renaissance style. There will be a main floor and balcony with a seating capacity of 1,900. The central dome will have a clear height of 60 feet. Stage opening will be 35 feet wide and 30 feet high and will have a depth of 30 feet. Fan heating system will be used. Tennessee marble, tile and terrazzo will be used extensively. An Otis elevator and a copper marquise are specified. Bids will be taken in about two weeks.

IRRIGATION PUMPING PLANT—\$190,000. Granview, Wash. Engineers, United States Reclamation Service, Seattle. Owners, United States Government. The sum of \$190,000 has been set aside by Secretary of Interior Lane for the installation of a pumping plant for the Outlook, Sunnyside and Grandview irrigation projects. Machinery for this work will be purchased by the U. S. Reclamation Service.

APARTMENT HOUSE—4 story and base, brick and steel, \$40,000. Seattle, Wash. Architect, V. W. Voorhees, Eltel Bldg., Seattle. Owner, H. McBride. The building will be erected at the corner of 3rd avenue and Battery street, and will cover an area of 60 by 150 feet. There will be a total of 42 suites of two rooms and bath each. Interior finish will be of pine and hardwood. Plans provide for steam heat, a hot water system, elevator service and vacuum cleaning. All suites will have wall beds. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

HOSPITAL—4 story and base, reinforced concrete and steel, \$150,000. Seattle, Wash. Architect, A. Warren Gould, American Bank Bldg., Seattle. Owner, John Starbird. The building will be erected in the Queen Anna Hill district, and is to cover an area of 120 by 156 feet with a large L. Construction will be fireproof throughout. The

plans of the building have not been given out and further mention will be made of the work.

HOTEL—3 story and base, brick and steel, \$60,000. Seattle, Wash. Architect, A. Warren Gould, American Bank Bldg., Seattle. Owner, J. C. Peterson. The building will be erected on Pike street at the corner of 7th, covering an area of 110 by 120 feet. There will be a number of stores besides the hotel entrance and lobby on the first floor. Upper floors will contain in the neighborhood of 170 guest rooms and public and private baths. Interior finish will be of pine and hardwood. Plans provide for steam heat, vacuum cleaning system and hot water supply. All bath rooms will have tile wainscot and composition floors. Patent store fronts and metal window sash and frames are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken.

SCHOOL—3 story and base, reinforced concrete, \$40,000. Seattle, Wash. Architect, H. H. Ginnold, Mehlhorn Bldg., Seattle. Owners, School District No. 28. Only two stories of the structure will be built at this time, which will cost approximately \$20,000. Basement will contain boys and girls playrooms, Plenum heating and lavatories. Specifications call for tar and gravel roof. Plans will be ready for general contract figures about March 15th. H. D. Stewart is clerk of the district.

Contracts Awarded.

STORES AND OFFICES—3 story and base, frame and concrete, \$75,000. Seattle, Wash. Architect, none. Owners, State Bank of Seattle. Contractor, David Dow, 21st and Spruce streets, Seattle. Contract price, \$75,000.

HOTEL—6 story and base, brick and frame, \$60,000. Seattle, Wash. Architect, John Graham, Lyon Bldg., Seattle. Owner, P. J. Murphy. Contractor, H. D. Stewart, American Bank Bldg., Seattle. Contract price, \$60,000.

San Francisco Architectural Students Win Honors Abroad.

Word has been received by the San Francisco Architectural Club of the success of one of their members, Edward L. Frick, in his entrance examinations to the Ecole des Beaux Arts in Paris. In the examinations on Architectural Design, he received a mark of 17 with 20 as perfect. This mark placed him first in a class of 700 applicants of all nations and is the highest mark which has been given in this examination at the Beaux Arts in 5 years. Mr. Frick received his early training in design in the Atelier of the San Francisco Architectural Club, under the patronage of Arthur Brown, Jr., a former student at the French School. Mr. Frick, while in the Atelier of the S. F. A. C., won a thousand dollar scholarship given by the Architectural League of the Pacific Coast. Before leaving for Paris last September, Mr. Frick was connected with the firm of Bakewell & Brown, architects for the new City Hall.

The Club is also excited over the success of another of its members in the Paris Prize Competition among students of the United States. Mr. Ernest Weihe was placed fifth in the First

Preliminary of the above competition, out of all competitors in the United States. This makes him eligible to the Second Preliminary and it is hoped by his friends and patron, Mr. Arthur Brown, Jr., that he will be selected as one of the five to compete in the Final Competition, the winner of which receives \$250 quarterly for two and a half years, to be spent in study in France.

PERCY R. STUART JOINS THE EDW. L. SOULE COMPANY.

Mr. Percy R. Stuart, who for the last twelve years, has been Pacific Coast Manager for The Roebbling Construction Co., is now associated with the Edw. L. Soule Co., 916-18-20 Rialto Bldg.

Mr. Stuart is intimately acquainted with the various types of building construction and building materials and our readers are solicited to give him an opportunity to submit information and prices regarding your requirements. The company also announces that they are equipped to furnish and place reinforcing material to suit all requirements as they now handle Twisted Bars, "Unit Rectangle" Fabric Unit Spirals, Unit Frames, Furring Channels and Clips.

STATE INSURANCE AN EXPENSIVE LUXURY.

Wants Washington Accidents Reduced.

Governor Lister has instructed the Washington Industrial Insurance Commission, which administers the so-called State insurance act, to cooperate with the State labor commissioner in devising plans for reducing industrial accidents. Accidents in the industries of Washington have shown sharp increases since the State insurance law became effective, either because of the employers' indifference to safeguards, knowing they would be taxed to sustain the State insurance monopoly, or the carelessness of employees now they are certain of compensation. Six hundred and fifty Washington workmen have been killed and twenty-five thousand injured in the State's industries during the past two years, according to J. H. Wallace of the industrial insurance commission.

PANAMA-PACIFIC EXPOSITION NOTES.

A cablegram received in San Francisco March 4 from London announced that the House of Commons by a substantial majority put on record a desire that the Government re-consider its refusal to participate officially in the Panama-Pacific International Exposition and agree to participate.

Tennessee, Arkansas and Texas now have decided to participate in the Panama-Pacific International Exposition, according to telegraphic advices received March 2. Commissioners to select sites for Arkansas and Texas will arrive in San Francisco within 60 days.

Samuel G. Buckbee of San Francisco has been authorized by Tennessee to select that state's site and he has been notified that \$50,000 has been guaranteed for the Tennessee exhibit. Buck-

bee has received a telegram from R. S. Faxon, chairman of the Tennessee Commission, requesting him to choose the best site available.

The construction of a decorative parapet along the shoreline of the Esplanade of the Marina at the exposition grounds is under way. The Esplanade will be an artistically decorated promenade skirting the water's edge and the parapet will serve the double purpose of a bulkhead and a decorative feature. This parapet will be 3,000 feet long and three feet high. It will be ornamented with pedestals and illuminated in a novel manner.

CHARLES WRIGHT ELECTED PRESIDENT OF THE GENERAL CONTRACTORS' ASSOCIATION

The recently elected Board of Directors of the General Contractors' Association have elected Mr. Charles Wright to serve as President of the Association for the ensuing year.

Mr. Wright is well and favorably known to the building fraternity of this city and is a man who is highly respected by all who know him. As President of the General Contractors' Association, he will undoubtedly fill his important position with credit to the Association.

Mr. A. H. Bergstrom was re-elected Vice-President of the Association and declined to accept a nomination for President, owing to press of private business.

Mr. Chas. W. Gompertz, the retiring President, has been elected Treasurer for the ensuing year.

With these officers, backed by a strong Board of Directors, the Association will undoubtedly continue to progress as in the past.

On Saturday, March 21st, the Annual Banquet of the Association is to be held at the St. Germain Restaurant and a large number of the membership are expected to be present to help in making the occasion an event of importance and a boost for the building industry.

CALIFORNIA HIGHWAY COMMISSION BULLETIN.

The Supreme Court decision of February 21, sustaining the motor vehicle act, releases money for State highway maintenance which had been tied up during the fight on the constitutional-ity of the law. As the act was the only source of funds for maintenance of the State highway the Highway Commission was entirely without money for maintaining the road already constructed. In spite of the severe demands through abnormal weather conditions of the present winter, the highway engineer's force was able to keep up the highway without material loss.

Now that maintenance funds are made available the plans submitted to the Highway Commission sometime ago by Highway Engineer Fletcher providing for maintenance will be made effective. These include organization of a veritable "flying squadron" for maintenance of the 2700 miles of State highway on which work is now under way. By use of the motor truck the amount of territory covered by one maintenance outfit is greatly widened

and quick repair work in case of floods will be possible. The maintenance plans as developed by Highway Engineer Fletcher and approved by the Commission are especially adapted to the widely varying conditions of California highways.

The State has been laid out in seven divisions for maintenance purposes by the highway engineer, and in each of these divisions there will be installed a complete repair outfit costing probably about \$20,000. The major portion of the expense will be for motor spraying outfits for making surface applications of bitumen. These will be heavy duty trucks carrying huge tanks for California asphaltic oil, while smaller trucks will distribute sand or screenings. It is estimated that the crews with these will make as high as fifty miles in a day.

Building Construction Since Fire.

Totals Nearing \$250,000,000 Mark.

Figures, as compiled by the Bureau of Building Inspection of the Board of Public Works, for building construction since May, 1906, to February 28, 1914, show that 49,164 permits were issued amounting to \$247,098,203. The following is a list of figures as compiled by the Bureau:

Class	No. of Bldgs.	Amount
"A"	167	\$ 33,072,954
"B"	196	14,293,586
"C"	2,666	78,988,910
Frames	24,387	93,051,822
Alterations	21,726	17,505,931
Exposition Bldgs.	16	6,127,000
Public Bldgs.	6	4,058,000
Totals	49,164	\$247,098,203

WORLD'S POPULATION.

ANTWERP, Mar. 3.—The population of the earth is slightly over 1,900,000,000, an increase of 140,000,000 in the past four years, according to the Bureau of Universal Statistics, which has just announced its figures for 1913. Asia now has 933,000,000; Europe, 484,000,000; Africa, 188,000,000; America, 187,000,000; Oceania, 57,000,000.

The world's commerce now amounts to \$10,600,000,000, and it is carried on by 55,802 sailing ships and 17,714 steamers. Other figures show a total of 625,000 miles of railroads, or enough to girdle the globe twenty-five times.

A debt of \$12,960,000,000 is the total shown in the accounts of all the nations of the world.

Richmond has unique idea in planning to erect a three-story concrete building for the purpose of housing small factories. A sort of factory tenement house, so to speak. The bay city with the inner harbor and the railroad and pipe line terminal is certainly alive. And the activity evidenced by the Industrial Commission over there might well be copied with profit by the business men of the City of San Francisco.

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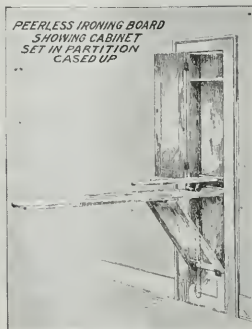
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Egan, T. J.

Eisele, P.

Eisner, H. & Son

Ertola, B.

Fisher & Wolfe

Fitzpatrick, J.

Flood & Ham-

mond

Ford, Thos. J.

Forsyth, W. C.

Franklin, C. P.

Gibbs, David

Gibbs, J. & Son

Gilley-Schmid Co.

Giesmer, F.

Gomersall, F.

Goss, Wm.

Grady, H. C.

Grundy, E.

Hahn, A. J.

Haub, Geo.

Hays, E. L.

Helz, C.

Houston, J. J.

Kane, Jas. I.

Kara, F. E.

Kayser, Chas.

Klein, A. E.

Klimm, Frank J.

Klorman &

O'Brien

Knoles, F. T.

Koch, F. & Son

Kramer, J.

Kraus, E.

Kroger, F. C.

La Chapelle, W.

Lang, Leonard

Lauder, H. I.

Leiman, F.

Leiser Bros.

Letich, J. M.

Levy, M.

Lew, M.

Looney, J.

Lubliner, C. W. Co

Mackie, R. W.

McCarthy, Chas. T.

McDonald, A. W.

McEnhill, Leo

McLeod, J. J.

McLean, P.

Mensor, G. W. Co.

Meyer, S.

Mitchell, M. A.

Mosning & Co.

Moller, W. D.

Mollis, Herbert L.

Mollis, A. I.

Morrice, B.

Morrison & Bevil-

lockway

Mulholland, J. A.

Murray, Roy

Murray Bros.

Newmark, A.

Noonan, Chas.

Orchelt & Van

Cromburgene

O'Mara, J. E.

Perazzi, H. J.

Petersen, S.

Piev & Morrice

Power & Pike

Raische, Fred

Rehn, C.

Richardson, J. &

Son

Rohr, Joe.

Ryan, J.

Sasse, Frank

Schalich, J. A.

Schieve, Theo.

Schwarz, Chas. C.

Shepard Bros.

Singewald, J.

Skelly, Thos.

Slattery, M. S.

Snook, W. S. &

Son

Spencer Plumb-

ing

Stalder & Hinkel-

beln

Stevens, Jas. F.

Stratner & Kon-

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Sthur, C. G.

Watson, Chas.

Weck & Co.

Westphal, H. N.

Wetzel & Grass

Whitley, H. T.

Whitman, Ly-

man Co.

Williamson, H. Co.

Wilson, W. F. Co.

Williams, C. F.

Wiesendang, P.

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Sovig, C. B.

Sievert, C. C.

Spark, John

Tozer Co.

Vagner, Fred

Weinmann, Chas.

Wendt, O. W.

Woodall, B. F.

Weiser, J. H.

Conely & Son

Coppellotti, L.

Daly, J. H.

Domio, Tony

Fulth, Chas.

Felt, R. D.

Franza, S.

Fraser, Simon

Fay.

Floodberg & Mc-

Caffery

Glosser, Geo.

Gilmour, Wm. G.

Greenbrook, Joe

Hines, Howard

Jackson, E.

Judge & Steven-

son

Korib, Paul

Knowles, A.

Leaf & Kaiser

Lyden & Rickel

Mowat, Donald

MacGuire & Co.

Morehouse, C. C.

Muriale, Nic.

McLeod, J. J.

Nagel & Nagel

O'Kane, C. T.

Orford, J. A.

Co

Philbin, J. J.

Picott, J. M.

Powers, J. J.

Sullivan, D. F.

Steele, J. E.

Smith & Johnson

Smythe Bros.

Terranova, M. J.

Wagner, Jas. M.

Wm. C. Raymond

Atlantic Fire-

proofing Co.

THE CALIFOR-

NIA STATE AS-

SOCIATION OF

ELECTRICAL

CONTRACTORS

S. F. District Local

Office No. 1.

Office 185 Stevenson

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Hewage H. J.
Morser, E. J.
Priddle, Milton

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Bender R.&P. Co.
J. W.
Dwan Co. J. E.
Flurestone &
Roofing Co.
Fluerty R. & P.
Co. R. H.
Malott & Peterson
Goodmanson, A. K
Wassilone Co.

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Hardwood Int. Co.
Inland Floor Co.
Pac. Floor Sand-
ing Co.

Galvanized Iron.
Baker & Ham-
ilton
Berger Mfg. Co.

Gas Fixture.
Day Co., Thomas
**Gas Heating Sys-
tems.**
Reactor System
Gas Heating Co.

**Gasoline Tanks &
Pumps.**
Deming, E. R.

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Cal. Plate & Win-
dow Glass Co.

Cohen, I.
Fur Co. W. P.
Grosslicht & Dlan-
neicht
Howlett
Mission Plate &
Window Glass Co.

Pioneer Plate &
Window Glass Co.
Schwarz & Gott-
lieb
United Glass
Works (Inc.)

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Brantick, J. P.
Button, I. V.
Carlin Bros.
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L.

Dillon Teaming
Co.
Glorig Co. G.
Hartnett J. D.
Holland, J. P.
Lennon Co. J. E.
Lettier, Fred
McGinchee &
Monahan

Montague Co., P.
O'Day Co., Dan'l
O'Donnell, Phillip
Pico, Edw.
Powers, Chas. J.
Rehman & Woods
Schmid, A.
Shiley Grading &
Teaming Co.
Star Con. Co.
Wright Co. J. H.

Granite Curbing.
Graham Granite
Co.
Lewy Granite Co.,
W.
Pacific Granite Co.
Pleier Granite Co.

Gravel.
Ray Devel. Co.
Cal. Building Ma-
terial Co.
Cassaretto, John
City Supply Co.
Standard Crushed
Rock Co.
Sta. Contracting
Company

Stone Co. E. B. &
A. L.
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ers.**
Inland Floor Co.
Hardwood Inter-
ior Co.

Wood Lumber Co.,
E. K.

Hardware, Dealers.
Baker & Ham-
ilton
Bennett Bros.
Brittain & Co.
Krusse, J. H.
Joost Bros.
Meyer, Adolph
Norman & Sons,
F. G.
Pac. Hdw'are Co.
S. F. Hdw'are Co.
Smith Co., P. A.

Hay & Grain
Aigeltinger, E.

**Heating & Venti-
lating.**
Ahlbach & Mayer
Atlas Heating &
Ventilating Co.
Klernan & O'Brien
Kurley Co. J. C.
Lawson, Herman
Looney Co. J.
Mangrum & Otter
Snook & Co.,
Fred W.
Turner Co., The

**Homes Movers &
Removers.**
Hatch, H. L.
Pearson, N. H.
Sullivan, D. J. & T.

Inland Floors.
Hardwood Inter-
ior Co.
Inland Floor Co.
Pac. Floor Sand-
ing Co.

Iron Foundry.
Enterprise Found-
ry Co.
Steiger & Kerr,
Stove & Found-
ry Co.

Iron & Steel.
Baker & Ham-
ilton
Dawson & Noyes
Judson Mfg. Co.
Pacific Coast Steel
Company
Trussed Concrete
Steel Company,
Woods & Huddart

Iron Works.
Brode Iron Wks.
Dyer Bros.
Eureka Wire &
Iron Wks.
Gasser & Kloores
Gate Iron
Works

Hillard Co., C. J.
Hill Iron Works
Michel & Pfeiffer
Monarch Iron
Works

Iron Works
S. F. Iron Works
Sartorius Co.
Schneider's Iron
Works
Security Iron &
Wire Works
Steiger & Kerr
Stove & Found-
ry Co.

Vulcan Iron Wks.
West Coast Wire
& Iron Works
Western Iron Co.

Zenith Iron Wks.
Zenith Iron Wks.

**Joist Hangers &
Post Caps.**
Kortick - Falls
Mfg. Co.

Lilley & Thurston
Roman Co., C.
Waters &
Price Co.
Western Bldrs.
Supply Co.

**Lathes, Wood &
Metal.**
Balzke, Robt.
Edwards, C. H.
Hayden, Fred
Lynch, Richard
McAfee, E. T.
Raymond, W. H.
Snell & Dennis
Ward, J. E.

Lime & Plaster
Denters.
Arden Plaster Co.
Cal. Lime & Hy-
drate Co.

Cowell, Lime &
Cement Co.
Guerin & Co. J. S.
Holland, J. P.
Lennon Co. J. E.
Pacific Portland
Cement Co.
Western Lime &
Cement Co.

Lumber Dealers.
Acme Lumber Co.
Christenson Lum-
ber Co.
Columbia Lum-
ber Co.

Doe Co., Frank F.
Hardy Lumber Co.
Hart-Wood Lum-
ber Co.
Hauptman Lum-
ber Co.
Krusse Co., J. H.
Hooper Lumber Co.
Snook & Co.,
J. E.

Loop Lumber Co.
Mahony Lum-
ber Co.
Moore Mill and
Lumber Co.
Olson, Mahony
Lumber Co.

Peterson, E. T.
Pope & Tabbot
Reinhold Mill &
Lumber Co.
Ryan, George
Santana, Fred
Valley Mill & Lum-
ber Co.
Santa Fe Lumber

S. F. Lumber Co.
Schouten & Co., J.
Sunset Lumber Co.
Tierman & Beronio
Van Arsdale-Har-
rison Lumber Co.

Wilson Bros. & Co.
Wall, Jos. P.
Wood Lumber Co.,
E. K.
Yates, Wm. F.

**Magnesian Floor-
ing.**
Artolith Mfg. Co.
Bender R.&P. Co.
Dwan & Co. J. E.
Flurestone &
Roofing Co.

Fluerty R.&P. Co.
R. H.
Goodmanson, A. K
Malott & Peter-
son
Watsonite Co.

**Monteils, Tiles &
W. Grates.**
Ginsberg Bros.
Kirwan & Dono-
nan

Mangrum & Otter
Peerless Agencies
Co.
Rigney, Thos. F.
Watson Mantel &
Tile Co.

**Marble and Monale
Work.**
Gaecco, M. H.
Grassi & Co., P.
Mission Concrete
& Monale Wks.

Mission Marble
Works.
Musto Sons-Keen-
nan Co.
New Era Marble
& Concrete Co.
Vermont Marble
Co.

Metal Lath.
Atlantic Fire-
proofing Co.
Berger Mfg. Co.
Hewes Metal
Lath Company.
Lilley & Thurston

Roebblings Sons
Co., John A.
Waterhouse &
Western Builders'
Supply Co.

Metal Stamping.
S. F. Metal Stamp-
ing & Corr. Co.
Oils and Grases.
Hatch, C. C. & J. E.
Standard Oil Co.
Ornamental Plas-
tering.

Bennett, Ed. G.
Binner, Theodore
Larson, O. F.
Lipp & Co. J. P.

**Paints and Deco-
rations.**
Baker Co., W. T.
Bernstein, Wm.
Blum, Louis
Brock & James
Burns Bros.
Clark & Dickson
Cramer Bros.
Connor, E. J.
Connick, W.
Dahl, T. H.
Donovan, W. J.
Erickson, Wm.
Hansen, Elting A.
Lewis, S.
Miller, J. A.
McBibbin, James
Manning, John
Neal, L. J.
Quandt & Son
Ruderman, I.
Schubert, Ben.
Schafer, Wm.
Simon Nelson Co.
Smith, J. S.
Sovik, C. B.
Spradley, Fred
John H. Sons,
Swanson, Peter
Walker, Mayer
Wagner, Fred
Wagner Bros.
Zelinsky, R.

Patent Chimneys.
Clawson Co. L. E.
Dresser, McDon-
ough, H. J.
Dunlevy & Gertl.

Pile Driving.
Lamburth, C. E.

Planing Mills.
Anderson Bros.
Atlas Planing
Mill Co.
Birth Co., L. H.
Builders' Supply
Depot
Cal. Door Co.
Cal. Planing Mill
Emanuel, L. & E.
(Inc.)
Empire Planing
Mill
Hermann, A.
Herring's Mill
Holden - Dupreay
Co.
Loren Mill Co.,
J. P.
Main St. Planing
Mill & Lum-
ber Co.
Premus Planing
Mill
Reinhold Lumber
& Planing Mill
Ryan, George
San Mateo Plan-
ing Mill
Santa Clara Val-
ley Mill & Lum-
ber Co.
Spencer St. Plan-
ing Mill
Taylor & Co.
Thompson, J. G.
Western Planing
Co.
West & Collins
Yates, Wm. F.

Plasterers.
Bosch, Herman
Bradley & O'Reilly
Brennan, James
Burt, Chas.
Campbell, Chas.
Cashman, M. J.

Chalmers, H. A.
(Inc.)
Fay, John
Greenback, Joe.
Hatch, C. C. & J. E.
Daly, J. H.
Duthie, Chas.
Fraser, Simon
Fry, A.
Gilmour, W. G.
Jacobson, N.
Knowles, A.
Lent & Kaiser
Lyden & Bickel
MacGrue & Co.
MacGrue, J. A.
Orford, J. A.
Phillips, J. J.
Sexton, T. D.
Terranova, M. J.
The Pacific Plas-
tering Co.
Wagner, James A.

**Plumbing and Gas
Fitting.**

Ahlbach & Mayer
Alton, Thom. W.
Bosch Bros.
Bernard, Geo. F.
Condon & Band
Dunn, Nell H.
Empire Plumbing
Co.
Goss, Wm. P.
Grondona, A.
Houston, J. J.
Kara, F.
Kern, F.
Kirschbaum, W. F.
Lacey Bros.
Lauder, H. J.
Lawson, Herman
Lettich Bros.
Levy Plumbing
Co., M.
Looney Co., J.
May, Gus
McBibbin, Leo J.
McLeod, J. J.
Penkerton, J. H.
Perazzi, H. J.
Ridley, Thomas
Shears, John
Snook & Co.,
Fred W.
Stewart, James E.
Turner Co., The
Wetzel, Theo.
Wilson & Co., W.

Plumbers Supplies.
Mark-Lally Co.
Nelson Mfg. Co.

Railroad Agent.
Freight & Pas-
senger.
Kent, James B.

Railway Materials.
Langford, Felts &
Myers
Orenstein - Ar-
thur Koppel Co.

Rigging.
Lamburth, C. E.
Markley, James E.

**Roofing, Gravel &
Composition.**
Bender Roofing &
Paving Co.
Cal. Roofing Co.
Caldley & Co., J.
Enterprise Roof-
ing Co.
Flurestone &
Roofing Co.
Fluerty, R. H.
Goodmanson, A. K.
Larkin Asphalt
Co.
Lawson Roofing
Co.
Lowett Bros.
Malott & Peterson
Parrish & Co., H. M.
Raphel Roofing
Co.
Samuel Co., H. D.
Thibbets Roofing
Co.
Watsonite Co.
Western Asbestos
Magnesia Co.
Western Felt and
Refining Co.

**Roofing (Slate &
Tile).**
Graham, R. G.
White, Ed. A.

Roofting Materials.
Bird & Son
Johns - Manville
Co., H. W.
Paragon Paint Co.
Waterhouse &
Price
Western Asbestos
Western Builders'
Supply Co.
Whittier - Coburn
Co.

Sand, Gravel, Etc.
Bay Develop. Co.
Cal. Building Ma-
terial Co.
Holland, J. P.
McMillin Bros.
Stone Co., E. B. &
A. L.
Western Building
terial Co.
Western Develop-
ment Syndicate.

**Sanitary Garbage
Chutes.**
Bill & Jacobson
Sand Hauling.
McMurtree, W.

Sheet Metal Wks.
Appeman Cornice
Works
Atlas Heating &
Ventilating Wks
Barnes Cornice
Works
Capitol Sheet
Metal Works
Conway & Ogden
Crown Cornice
Works
Forderer
G. & M. Sheet
Metal Works
Guilfoyle Cornice
Hibernia Sheet
Metal Works
Hughes, H. J.
Ideal Cornice Wks
Korrell & Co., J. A.
Modern Sheet Met-
al Works
Morrison & Co.
S. F. Metal Stamp-
ing & Corr. Co.
U. S. Sheet Metal
Products Co.
Western Furnace
& Cornice Co.

Sidewalk Lights.
Jackson Co., P. H.
Lewy Granite Co.,
J. E.
McGulgan & Co.,
John
Phoenix Sidewalk
Light Co.
Waterhouse &
Price

Stair Builders.
Bishop & Perrino
Holler, John
Jacobson, J.
Porter, C. Wm.
Porter, W. F.
Stewart, J. K.

Stationery.
Poster & Short
Wright, J. H.

Steel Buildings.
Baker & Ham-
ilton
Dawson & Noyes
Woods & Hud-
dart

Steel Erectors.
Schauer, Fred C.
Hindman, J. Co.
Williams Con-
struction Co.

Street Contrs.
Conningham and
Elliot.
Store Fronts.
Kawner Mfg. Co.
Connahan & Elliot

**Structural Steel
Contractors.**
Judson Mfg. Co.
Schradere Iron
Works, Felt and
Refining Co.
Western Iron Sup-
ply Co.
Woods & Huddart

Water Pipes.
Mangrum & Otter
Steiger & Kerr

Water Pipes.
Mangrum & Otter
Steiger & Kerr

Water Pipes.
Mangrum & Otter
Steiger & Kerr

Structural Steel Contractors.
Brode Iron Wks.
Golden Gate Iron Works
San Francisco Iron Works
Ralston Iron Wks
Valderr Iron Wks
Zenith Iron Wks.

Surveyors.
Morser, E. J.
Sanborn & Corinson
Wetherell, Chas E.
Teaming & Grading.
Brantley, J. P.
Button, L. V.

Carlin Bros.
Devenenzl & Co.
Dillon Teaming Co.
Hartnett, J. D.
Holland, J. P.
Lennon Co. J. E.
Leiffer, Fred
Sibley, Ernest
McGlinchey & Monahan
Montague Co. P.
O'Day Co. D.
Pico Edw., F.
Powers, Chas. J.
Sibley Teaming & Grading Co.
Schmid, A.
Star Contracting Co.

Wright Co. J. H.
Tillog.
Ginsberg & Co. S.
Mangrum & Otter
Peerless Agency
The Mfg. Co.
Watson Mantel & Vacuum Co.
Bill & Jacobson
Hyde Henry C.
United Elec Co.
Sherman, Kimball
Wall Bldg.
Marshall & Stearns Co.

Water Company.
Spring Valley Water Works.
Whitewashing.
Simon Neilson Co.
Brickley, P. J.
Reigle & Jamelson
Taylor, L. A.
Window Cleaning.
American Window Cleaning Co.
Progressive Window Cleaning
United Window Clean Co.
Windows, Patent.
Birth Co. L. H.
Simplex Window Co.

Door Openers.
Rischmuller, Geo.
Electrical.
California Electrical Works
Central Electric Co.
City Electric Co.
Decker Electric Co.
Globe Elec. Co.
Levy Elec. Co.
National Elec. Co.
Otis Elevator Co.
Van Emon Elevator Co.
Fibre.
S. F. Fibre & Cordage Co.
Fireproof Doors.
Gervais, Henry.
Norris, L. A.
Roebbling Sons, John A.

Heating & Venting.
Burnham Plumbing & Heating.
Cronan, Wm.
Mangrum & Otter
Montague, W. W.
House Moving & Reloading.
Blume Cont'g. Co.
Brown, E. K.
Sullivan, D. J. & T.
Insula Floors.
Hardwood Interior Co.
Insula Floor Co.
Pacific Floor Sanding Co.

Iron Works.
Lorenz, Schffauer & Co.
Michaels & Pfeiffer
Monarch Iron Works.
Pacific Rolling Mill Co.
Pacific Struct. Iron Works.

Interior Decorators.
Lathera, Snell & Dennis.
Lynch, Richard
Joint Hangers & Post Caps.
Kortick - Falls Mfg. Co.
Lilly & Thurston Co.
Western Builders' Supply Co.

Kawner System.
Kawner Bros.
Falls Mfg. Co.
Lilly & Thurston Co.

Light and Power.
City Electric Co.
Pac. Gas & Electric Co.

Lime, Cement, Etc.
Acme Cement
Acme Plaster Co.
Arden Lumber Co.
California Lime & Hydrate Co.
Pascack, John
Schnebley, Henry
Strawser & Pedgritt
Van Sant-Hough-
ton Co.

Glass and Glazing.
Cal. Plate & Window Glass Co.
Cohen, I.
Cobbedick Glass Co., L. N.
Friedman Bros.
Fuller, W. P. & Co.

Habeneicht & Howlett.
Holland, J. P.
Schwarz, J. Gott-
lieb, (Inc.)

Grading & Teaming.
Church, D. O., Co.
Dillon, D.
Eureka Teaming Co.
Fay, S. J.
McClure, H. N.
Wilhelm, A. H.
Wilkie Co. A.
Williams, F. A.
Wright, Chas.
Monarch Teaming Co.

Sibley, L. B.
McLengana, S. H.
Granite.
Bradbury Bros.
Cal. Granite Co.
De Lano & Sons, C. L.
Hunt, A. T.
Raymond Granite Co.

Hardware.
Brittain & Co.
Kruise, J. H.
Lorenz, Schffauer & Co.
Meyer, A.
Palace Hdq. Co.
Hend. and Light.
Pacific Gas and Electric Co.

Dieckmann & Co.
Howard, E. A. & Co.
Niehaus, Ed. F. & Co.
White Bros.
S. F. Lumber Co.
Hend. and Light.
Harron, Rickard & McCon.

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OF SAN FRANCISCO

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Acme Iron Works.
Bay City Iron Works.
Brode Iron Works
Central Iron Wks.
Dyer Bros.
Eureka Iron Wks
Kortick - Falls Mfg Co.
G. G. Structural Iron Works.
Hillard, F. J. Co.
Judson Mfg. Co.
Mortenson Cons. Co.

Michaels & Pfeiffer
Phoenix Iron Wks
Taleston Iron Wks
Schradner Iron Works
St. Francis Orn. Iron Works
Teigler & Kerr
Stove & Foundry Co.
Julcan Iron Wks.
Western Iron Wks
Withington, C. W.

Cal. Art Glass Co.
Ingerson & Glaser Co.
Blacksmith.
Paul Kleiber
Honda.
American Bonding Co.
Costello & Cutler
Astra Life Ins. Co.
Bonif. F. W.
Empire State Surety Co.
Fidelity & Deposit Co. of Maryland
Lowe, M. A.
Hillman & Son, J. R.
Lawton, P.
Lloyd & Spengler
MacMeans, H. V.
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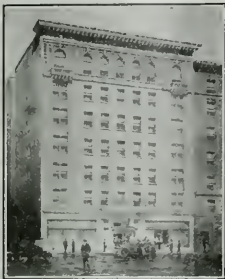
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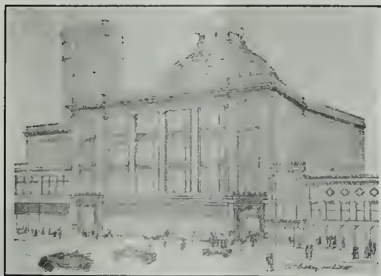
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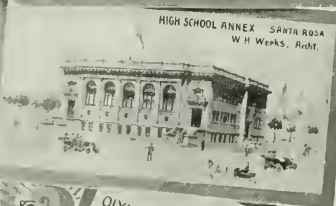
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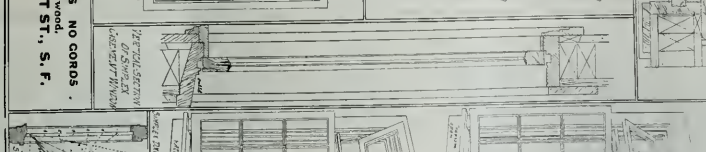
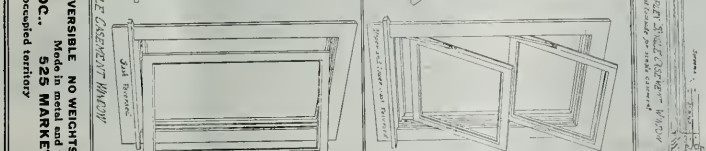
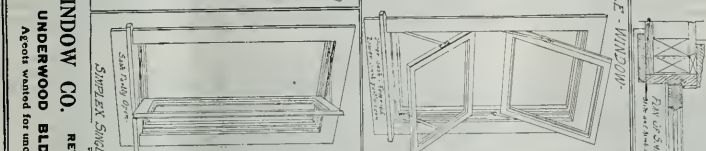
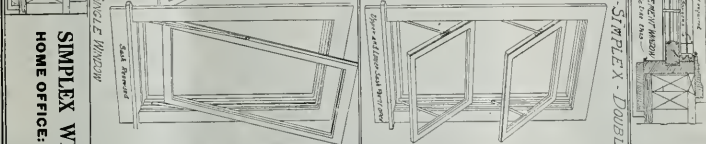
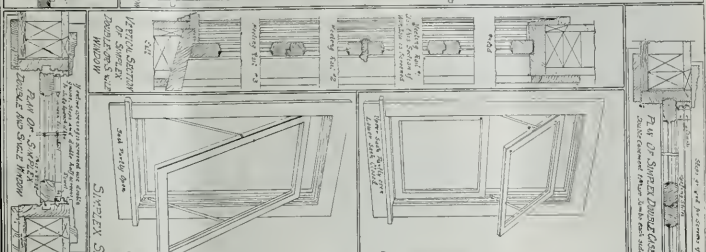
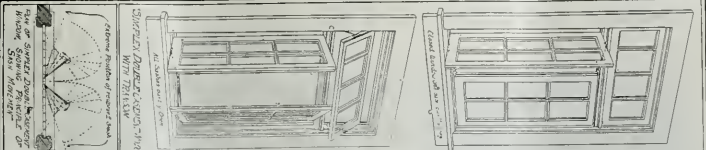


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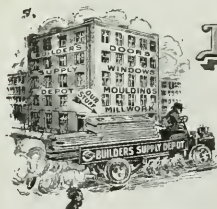
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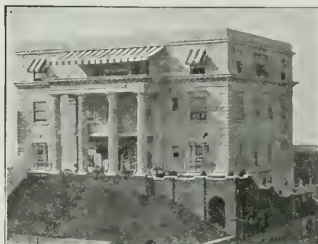
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Editorial Comment.

Building for the month of February was comparatively quiet throughout the country. At that it was about an even break with February, 1913, the grand total from about 68 cities throughout the country made to the American Contractor, Chicago, varying less than \$100,000 in amount. This is a pretty good record and everything considered the Western cities have generally fared better than the Eastern. The following table shows the record of the respective building centers:

City	Feb., 1914.
Akron	\$ 198,530
Albany	200,650
Atlanta	335,391
Baltimore	417,743
Berkeley, Cal.	100,200
Buffalo	395,000
Cedar Rapids	145,800
Chattanooga	108,925
Chicago	5,098,400
Cincinnati	316,518
Cleveland	1,398,016
Columbus	235,915
Detroit	3,020,850
Duluth	147,370
East Orange	42,678
Fort Wayne	101,100
Grand Rapids	82,095
Harrisburg	40,675
Hartford	99,165
Indianapolis	292,938
Kansas City	1,053,900
Lincoln	33,673
Los Angeles	1,155,730
Louisville	163,800
Manchester	51,300
Memphis	275,400
Milwaukee	578,384
Minneapolis	498,005
Nashville	79,895
Newark	1,347,933
New Haven	291,754
New Orleans	204,791
New York	
Manhattan	2,761,042
Bronx	1,286,311
Brooklyn	3,435,465
Boro. of Queens	681,915
Boro. of R. Richmond	92,380
Total	8,357,113
Oakland	429,192
Omaha	221,175
Pasadena	83,035
Peoria	66,350
Philadelphia	1,794,905
Pittsburgh	3,010,568
Portland	605,550
Richmond	207,567
Rochester	372,957
Salt Lake City	112,600
San Antonio	577,550
San Francisco	2,321,866
San Diego	160,098
San Jose	50,323
St. Joseph	29,715

St. Paul	371,444
Stockton	22,426
Seranton	64,729
Seattle	553,395
Shreveport	115,002
South Bend	43,950
Spokane	24,125
Springfield, Ill.	28,050
Syracuse	75,935
Tacoma	167,732
Toledo	606,400
Topeka	47,403
Washington	884,036
Wilkes-Barre	36,973

Total \$39,693,010

March ought to show a substantial gain over February. Money is getting easier and there ought to be a general loosening up of business. The time is ripe for a revival and it ought to begin with the opening of Spring.

Newspaper reports state that the cantaloupe crop in the Imperial Valley was saved from frost this year by putting paper drinking cups over the growing plants when they were quite young. As the melons were planted quite early in order to get the first fruits of the market the means for saving the earliest growth was ingenious and effective.

Now the prospect is that the valley will ship out 3000 carloads of the melons this season. This is a big return. And it is another example of the great productiveness of the California valleys and particularly of such valleys as the Imperial. That valley is practically a reclaimed district. And its wonderful productiveness is due to the fact that it is practically a river deposit that has been reclaimed by confining the California River to its proper bounds. Five thousand carloads of cantaloupes means 100 trains of 50 cars each, and a car load of melons is a good many in itself.

New features for the exposition are being mentioned all the time in press. Among these are the effects that are to be produced by artificial lighting. This science and mechanical art is being improved and advanced all the time. As the properties of light under given conditions are better understood and the mode of producing it mechanically more wonders are wrought by this means than were dreamed of two decades ago.

It is planned to even make use of the fogs and clouds that will be above the exposition grounds at night to reflect the many colored lights from them. One of the great features of the exposition will be the lighting of the palaces and domes and the night effect produced by the great mechanical contrivances.

Water Proofing Problems

An Address by Mr. Louis C. Mauer at
the Meeting of the San Francisco
Chapter A. I. A.

Mr. President and members of the Local Chapter American Institute of Architects:

The problem assigned to me this evening, namely, to speak on water proofing before your representative body, is a task that should perhaps be handled by one more competent than myself. But this being a subject in which I specialize and by practice and research work endeavor to overcome and thereby solve some of the more or less difficult problems that are daily encountered by most of you in your varied tasks to give your clients for whom you design and erect buildings, results in this particular branch of work. With your kind indulgence I want to tell you of water proofing buildings as I see it.

There are two factors and two factors only that are uppermost in every particular feature and branch of work employed in the erection of buildings, be it a material only, or more frequently a combination of material and labor.

The first factor is results by far the most important, particularly to you gentlemen upon whom rests the responsibility to obtain results for your clients, on this factor alone your service is judged. To enable you to give these results it is necessary for each man entrusted with your work to give in return conscientious service and results in each particular branch of work.

The second factor is also an important one—Cost: only too often it is looked upon by your clients as the most important, hence the consequence, results are waived, which as a rule implies cost threefold soon thereafter. This is forcefully emphasized in the water proofing branch by the recent heavy windstorms and rainfall, and fully demonstrates the necessity of particular attention being given this subject. Water Proofing.

The problem that interests all of you is, how to obtain absolute results at the minimum cost. This applies to water proofing both under and above ground.

Underground work being as a rule subjected to water pressure either by seepages, springs or direct pressure, where elements are below tide or streams. Work of this character requires distinctly different methods of treatments than buildings above ground, it must continuously withstand and endure the resistance of more or less severe water pressure.

Walls above ground are not subject to constant water pressure, therefore require a treatment to be water repellent, to be more precise, prevent the absorption of water.

There are four distinct methods employed to accomplish water proofing results.

First: By density of the materials from which your walls are constructed, density of the material itself or aggregates of which it is composed.

Second: By the membrane system. This method is used principally for underground work, for floors it is placed

between concrete slabs, or on the outside of walls where the water pressure is against the wall.

Third: By a surface coating of asphaltum, tar, or any oil base material, these being water repellent. Results are obtained by a surface coating, this is only efficient so long as the material applied remains intact.

Fourth: By non-absorption, in other words the elimination of capillary attraction. The material I have found to accomplish this result is a chemical solution, a water base material that can be readily used, to mix in the aggregates of cement plaster for underground work subjected to water pressure or by surface application above ground penetrating the substance, becoming a part thereof and not leave any surface coating.

The First Method—Density. You are all aware that the aggregates of a concrete mass of cement mixture can be proportioned in such a manner so as to obtain a density that will not permit the percolation of water, but to obtain this result in a concrete wall or plaster surface would incur a task that would not be practical for ordinary construction, nor would this method apply to any brick wall, as they are all more or less porous and absorptive, permitting percolation of water freely. Even in all mortar joints you will find this weakness.

The Second Method—Membrane System—is one that is very successfully used. To use this method for floor work it is necessary to place a concrete slab, then the membrane system composed of asphaltum and felt in such number of layers as deemed necessary, then the additional slab of concrete. The upper slab necessarily must be of sufficient strength to withstand the hydrostatic pressure. The actual cost of this method is the felt and asphaltum membrane, plus the cost of the lower slab of concrete. The membrane being composed of an absolute foreign material to the concrete does not become a component part of either slab of concrete—in fact, separates them entirely, the only bond between the two slabs being the cohesion of the asphalt itself.

Although it is claimed that a membrane system of water proofing is to a certain extent elastic, still, it is frequently found that breaks occur when the concrete slabs develop contraction cracks, thereby impairing the results of water proofing efficiency.

The membrane system is also used on the exterior of walls. This requires the necessary excavation to give room for applying the membrane. The cost of this work is the membrane plus the cost of excavation and back filling same, and in many cases a protection wall. If for any reason a membrane system could not be applied on the outside, and same would be adopted on the inside of walls, it would be necessary to construct a special wall to hold same in place, otherwise if the water would percolate through the outer walls it would press away the mem-

brane. The cost of this work would be the cost of membrane plus cost of wall to hold same in place.

If for any reason breaks should occur in the membrane system permitting water penetrating the membrane, it would not necessarily mean that the break is where it shows on the surface as the water may travel some distance between the membrane and the upper layer of concrete before finding the weakest point to the surface.

The Third Method—Surface Coating, is a method used quite extensively for treating walls above ground, and to a certain extent for underground work as well.

By applying a good surface coating of asphaltum, tar or any oil-base material where the water pressure presses the coating against the wall, good results will be obtained so long as the life of the asphaltum or oil is retained in the coating. As a rule the oils are quickly absorbed when applied to any absorptive surface, leaving the solids of the coating as a more or less inert substance with its binder. In fact, its principal element of life separated. To avoid this it is a very important factor to have a foundation that will prevent the separation of oils and solids contained in the surface coating, and at the same time obviate the disastrous chemical action of cement and brick surfaces on all oil paints.

To apply a surface coating on the inside of walls under plastering, the so-called damp proofing or plaster bond coat, is, in my opinion an absolute waste of the expense incurred. This applies to all material without exception. Whenever a wall is thoroughly saturated with water from the outside up to the point of the damp proofing coat, there is no material, be it ever so elastic, solid or efficient that will withstand the pressure. As a matter of fact it must then withstand a direct water pressure instead of being only a water repellent at intermittent intervals.

The Fourth Method—Non-absorption, in other words, the elimination of capillary attraction. Under this method and by using the materials referred to I have accomplished results on those problems that have come under my direct supervision, both underground where subjected to severe water pressure, and treating buildings above ground by surface application. This material is a chemical solution (water base contains no oils), penetrates any absorbent substance and becomes a part thereof, accomplishing the water proofing results, not by the filling of voids or a surface coating but by making the substance to which applied non-absorptive and impervious to water.

If you will carefully analyze the fact you will find even a very porous material containing a large percentage of voids will not become saturated with water unless it is absorptive, nor will you find that water will follow fine cracks in any surface, unless the sub-

stance itself has suction and absorbs water. Now then, this being a fact, the method of water proofing by having the aggregates of the material made non-absorptive to resist water pressure or the elimination of capillary attraction, for all surfaces where exposed to water absorption at intermittent intervals, is one that will solve many of your difficulties pertaining to water proofing problems.

Let us first consider its application for work below ground. In basements we accomplish results by the most direct and simple means. The plastering of the walls on the inside with water proof mortar and the floors with water proof topping, thereby saving the expense of exterior excavation and cribbing, which would be necessary in order to apply a membrane or surface coating to the outside.

On new work where the walls are green and bonding of plaster certain, no greater expense is involved than the nominal cost of water-proofing material, which is to be added to the sand and cement for plastering and topping.

But in old basements or any surface not permitting a perfect bond, quite a different problem presents itself. Here the surface to be plastered must be carefully prepared to insure proper bonding of plaster by roughening the surface. We all know the weakest point is the angle between the floor and wall, particular care must be taken to reinforce this point by forming a cove, making the connection between the floor topping and wall plaster continuous.

Should the argument be advanced that floors or walls so water proofed are liable to crack thereby causing leaks, let me say that the chances are very slight indeed if the walls are properly designed and constructed and the floors thick enough to resist the hydrostatic pressure.

Walls and floors that crack, due to contraction or expansion or other causes, will sever or open up a membrane almost as quickly as a plaster coating and what is the result? With the membrane it is virtually impossible to repair, unless a heavy expense is incurred, owing to the fact that the break in the membrane may be many feet from the point where the leakage shows on the surface. While your water proof plaster coating is repaired at a very small expense. The leakage always exists where it shows on the surface. The cracks could easily be cut out to a certain depth and pointed up, making same absolutely water tight.

Many basements in our city, presenting all sorts of conditions from seepage of ground water to tide pressure, have been successfully water proofed with this method.

Time does not permit going into this subject to such an extent as it might justify, but permit me to say, I would not hesitate to undertake to make absolutely dry any basement under the most severe water pressure, by plastering same on the inside and using this material as part of the water gauging the cement and sand mortar. This mortar can be applied even while the water is percolating through the wall.

If necessary the mortar could be held in place with boards pressed against the wall. This might develop small

holes permitting the water to escape but which could easily be plugged up after the other portions are thoroughly set.

Cement mortar applied on walls saturated with water will gradually dry out even with the water pressure against the wall.

No doubt this question will come to your mind, will the use of this material used in the aggregates of cement mortars be detrimental to its strength or cause additional labor in its use? In answer to this, I wish to state, the use of this material is a decided advantage, the initial set is somewhat retarded but in thirty-six or forty hours you will find the cement mortar much harder and stronger, this in comparison with equally proportioned cement mortar gauged with water alone. The working of cement mortar is also made much easier and smoother, the action being similar as obtained by the use of lime putty in cement mortar.

For treating a building above ground, the result can be obtained by a thorough surface application, by either brush or spray, preferably the latter, by this I mean, every particle of the wall must be saturated. This application will leave no surface coating and will not change the color or texture of any surface to which applied be it a white sand or lime stone or a red brick. A surface application will give results and become effective when applied on an absorptive material.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$15,000. Architect, M. Mattanovich, David Hewes Bldg., S. F. Owner, Mr. Hadler. The building will be erected on Mission street between 16th and 17th streets, and has been designed to contain nine apartments of three and four rooms. Interiors will be finished in pine and redwood with some elm panels. There will be steam heat, a hot water supply and patent store fronts. All suites will have private baths and wall beds. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house alterations, 3 story, frame, \$6,000. Architect, Arthur J. Laib, Russ Bldg., S. F. Owner, Miss McGough, 1256 Page street. The work will consist of altering the two lower flats of a three-story building into four modern apartments. The basement of the building will be altered to contain a store. Third floor will be arranged for one flat. New interior finish, oak floors, modern plumbing, electric work and painting will be required. Exterior of the building will also be altered. Plans are complete and figures are being taken.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$30,000. Architect, Joseph Cahen, 43 Kearny

street, S. F. Owner's name withheld. The building will be erected at the corner of Perkins and Grand streets, and will cover a large area. Interior will be arranged for a number of two, three and four room suites. Interior finish will be of pine and hardwood veneer. Some oak floors will be used. Plans provide for steam heat, a hot water system and portable vacuum cleaners. Bath rooms will have tile wainscot and composition floors. All suites will be equipped with wall beds. Entrance will be finished in marble. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RICHMOND, CONTRA COSTA CO., CAL.—Apartment house alterations, 3 story, frame, \$6,000. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owner's name withheld. The building to be altered is now being used as a hospital. Included in the work will be new interior partitions, interior finish, plumbing, painting, electric work and plastering. Exterior of the building will be covered with a new coat of cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Apartment house, 5 story and base, brick and steel, \$80,000. Architects, Dunn & Kearns, Mo-nadnock Bldg., S. F. Owner's name withheld. The building will be erected on the south side of O'Farrell street between Larkin and Polk streets, and will have a frontage of 60 feet by a

depth of 120 feet. There will be a total of 120 rooms arranged in suites of two and three rooms. Plans provide for steam heat, elevator service, hot water supply, vacuum cleaning and wall beds. All suites will have private baths. Interior finish will be of pine, redwood and hardwood. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house alterations, 3 story, frame, \$7,500. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner's name withheld. This work will consist of altering a three-story flat building into six modern four-room apartments. Steam heat, wall beds, plumbing, electric work, plastering, painting and millwork will be required. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick and steel, \$50,000. Architect, none. Owner, A. S. O'Neil, Lankershim Bldg., L. A. Contractor, W. E. Stradley, Builders' Exchange, L. A. Contract price, \$50,000.

BRIDGES AND DAMS.

SAN FRANCISCO—Furnishing cement. Cost not stated. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Bids have been called for on 50,000 barrels of cement which is to be delivered to the State Board of Harbor Commissioners, f. o. b. cars of the Belt Line Railroad at San Francisco. Bids will be opened on April 2nd. Specifications and full particulars can be secured from the Secretary's office of the State Board of Harbor Commissioners. An official proposal appears in another column of this issue.

KINNAMAN, ORE.—Bridge, steel or reinforced concrete. Cost not stated. Engineer, County Surveyor, Tillamook Owners, Tillamook County. Plans are complete and figures are being taken for a steel or reinforced concrete bridge to be constructed over the West Beaver Creek near Kinnaman. There will be one 50-foot span. Plans and specifications can be secured from the County Clerk, J. C. Holden, at Tillamook. Bids will be opened on March 27th.

Contracts Awarded.

SAN FRANCISCO—Ferry ship, timber construction, \$110,600. Engineer, Assistant State Engineer Jerome Newman, Ferry Bldg., S. F. Owners, State of California. Contractors, Healy-Thibbitts Construction Co., S. F. Contract price \$110,600. A complete list of all figures received for this work will be found under the heading of San Francisco in this issue.

CHURCHES.

LAKEPORT, LAKE CO., CAL.—Church, 1 story and base, frame and plaster, \$10,000. Architect, John J. Foley, 46 Kearny street, S. F. Owners, Franciscan Fathers Church of Lakeport. Architect Foley has just been commissioned to prepare plans for a new church, which will be de-

signed in the Elizabethan style. The main auditorium will seat 400 people. Besides this room there will be Sunday school rooms and social hall. A hot air system of heating will be installed. Interior will be finished in pine with ornamental plaster. Exterior of the building will be covered with cement plaster on metal lath. Working drawings are now being prepared.

ALAMEDA, ALAMEDA CO., CAL.—Church alterations. Cost not stated. Architect, John J. Foley, 46 Kearny street, S. F. Owners, St. Joseph's Church, Father Prout in charge. A new system of heating and ventilating, an indirect system of lighting and new lighting fixtures will be installed. Plans for this work will be ready for figures shortly.

FACTORIES & WAREHOUSES.

LOS ANGELES, CAL.—Motion picture factory, 1 and 2 story and base, reinforced concrete, \$1,000,000. Architects, A. Tilden Norton and F. H. Wallis, Title Insurance Bldg., L. A. Owners, Universal Film Co. A reinforced concrete wall 15 feet in height will be constructed along the property line where it adjoins the public highways. The buildings will consist of the administration building, projecting theatre, restaurant to seat 500, planing mill, carpenter shop, 300 dressing rooms, scene painting building, several stages, one of which will be 600 feet long, emergency hospital, property rooms, laboratory and power plant. Buildings will be designed in the Mission style and the construction will be of reinforced concrete with tile and composition roofs. Plans are being prepared.

FIRE HOUSES.

SAN FRANCISCO—Fire alarm station, 2 story and base, brick and concrete. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. A two-story and basement brick and concrete building will be erected in Jefferson Square to house the central fire alarm station. Interior will be finished in pine and will contain special electric work, repair rooms and offices. There will be steam heat. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken by the Board of Public Works. Bids will be opened on April 8th. An official proposal appears in another column of this issue. Plans can be secured from the Department of Architecture.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, none. Owner, A. Petry, 336 Pierce street, S. F. The building will be erected on the west side of 11th avenue north of Fulton street, covering an area of 25 by 41 feet, and has been designed to contain two modern flats of five and six rooms. Interior finish will be of pine, redwood and some hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be open fire places and tile mantels. Bath

rooms will have composition floors and tile wainscot. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 3 story and base, frame, \$4,500. Architect, M. Mattanovich, David Hewes Bldg., S. F. Owner, Mrs. V. Kussish. The building will be erected on Pacific street west of Powell, and will contain two flats and a store. The structure will have a 20-foot frontage and a depth of 51 feet. Interior will be finished in pine and redwood. Open fire places and tile mantels are specified. Bath room will have tile wainscot and composition floor. Exterior of the building will be covered with rustic and shiplap. Plans are complete and work will be done by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, none. Owner, V. Filippis, 866 Union street, S. F. The building will be erected at the southwest corner of Montgomery and Union streets, covering an area of 26 by 70 feet. Plans show two modern flats of five and six rooms. Interior finish will be of pine and redwood. Some oak floors will be used. Each living room will have a large open fire place with tile or brick mantel. Bath rooms will have composition floors and tile wainscot. Automatic water heaters are specified. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are being purchased.

GARAGES.

SAN FRANCISCO—Garage, 1 story and base, Class A construction. Cost not stated. Architect, John A. Ettler, 604 Mission street, S. F. Owner, John V. Oppel. The building will be erected on the south side of Natoma street near Second, and will cover an area of 63 by 70 feet. There will be steel frame, steel roof trusses and concrete walls and floors. Steel and foundations have been designed heavy enough to carry three additional stories. A completely equipped machine shop for automobile repairs will be installed. Exterior of the building will be covered with pressed brick. Plans are complete and figures are being taken.

GOVERNMENT WORK AND SUPPLIES.

Cement for Reclamation.

The Secretary of the Interior has directed the reclamation service to award the following contracts for Portland cement:

To the United States Portland Cement Co., of Denver, Colo., for 12,000 barrels to fill part of the requirements of the Uncompahgre and Grand Valley Irrigation projects, Colorado, at 56 cents per barrel, f. o. b. cars at Concrete, Colo. The bidder stipulated that not to exceed a total of 12,000 barrels will be furnished.

To the Colorado Portland Cement Company, of Denver, Colo., for 140,000 barrels for use on the Uncompahgre

and Grand Valley projects in Colorado, and for the Rio Grande project at Elephant Butte dam and the North Platte project in Nebraska. This cement is to be delivered f. o. b. cars at Portland, Colo., at \$1 per barrel.

To the Southwestern Portland Cement Co., El Paso, Texas, for 21,000 barrels to be used on the distribution system of the Rio Grande irrigation project, New Mexico-Texas, at \$1.50 per barrel, f. o. b. cars at El Paso, Tex.

San Francisco, Cal., Roadway.

The contract for constructing sub-base of new roadway at the U. S. Marine Hospital, San Francisco, Cal., has been awarded to W. H. O'Brien, \$1,770.

Structural Steel, Pearl Harbor.

In connection with the fabrication and delivery of structural steel for the marine railway at Pearl Harbor, Hawaii, bids for which will be opened on April 4 at the bureau of yards and docks, Navy Department, it is estimated that the following quantities are required: 520,000 pounds fabricated structural steel, 37,000 pounds plain cast iron, 8,700 pounds galvanized cast iron, 10,000 pounds plain tie rods and bolts, 1,150 pounds galvanized bolts and fastenings, 5,500 pounds plain chain, and 3,700 pounds galvanized chain.

San Francisco Circular No. 120.

The following bids were received and award made by the depot quartermaster, San Francisco, Cal., under office circular No. 129, for furnishing two tail shafts, propeller, right and left hand, for the mine planter "General Henry J. Knox":

Bethlehem Steel Co., Crocker Building, San Francisco, Cal., \$640 each; delivery in 50 days.

Moore & Scott Iron Works, 678 2nd street, San Francisco, Cal., \$547; 15 days.

Main Street Iron Works, 163 Main street, San Francisco, Cal., \$473; 16 days.

Union Iron Works Co., 311 California street, San Francisco, Cal., \$548; 12 days.

Ker Lloyd Iron Works, 352 Spear street, San Francisco, Cal., \$675; 31 days.

United Engineering Works, 224 Spear street, San Francisco, Cal., \$456; 20 days; accepted.

The U. S. Navy Yard, Mare Island, Cal., submitted an estimate of \$937 for both shafts, plus \$15 for inspection; material to be in conformity with bureau of shipping requirements, and a price of \$746 for both blades, plus \$15 for inspection, with sleeves and nuts of scrap.

Denver, Colo., Mechanical Equipment, Etc.

All bids received by the supervising architect, Treasury Department, Washington, D. C., February 16 for the mechanical equipment, minor outside work, and interior finish of the U. S. post office at Denver, Colo., have been rejected.

Denver, Colo., Post Office.

Supplemental bids have been asked by the supervising architect, Treasury Department, Washington, D. C., for minor outside work, interior finish, and mechanical equipment of the U. S. post office at Denver, Colo., bids for which were originally opened February 16.

Alameda, Cal., Shelving.

The contract for installing redwood shelving in the basement storage room of the U. S. post office at Alameda, Cal., has been awarded to A. T. Spence, 180 Jessie street, San Francisco, Cal., at \$88.

Building 58, Puget Sound.

A new advertisement for bids for fireproofing building 59 at the Puget Sound navy yard is to be issued in about two weeks.

\$23,000,000 for Reclamation.

Secretary Lane has instructed the Reclamation Commission to push to completion as rapidly as possible all uncompleted reclamation projects. The plans made by the service, which have been approved by the secretary, contemplate the expenditure of \$23,460,555 during the calendar year 1914. This amount covers the largest program ever outlined in the history of the Reclamation Service. Allotments have been made for the various projects as follows:

Arizona, Salt River.....	\$909,846.17
Arizona-California, Yuma.....	531,126.25
California, Orland.....	255,700.18
Colorado, Grand Valley.....	1,873,184.18
Colorado, Uncompahgre Valley.....	750,861.30
Idaho, Boise.....	3,600,057.35
Idaho, Minidoka.....	476,874.33
Kansas, Garden City.....	1,000.00
Montana, Huntley.....	281,000.50
Montana, Milk River.....	1,393,083.66
Montana, St. Mary Storage.....	843,630.14
Montana, Sun River.....	1,712,237.27
Montana—North Dakota, Lower Yellowstone.....	103,800.00
Nebraska-Wyoming, North Platte.....	733,875.70
Nevada, Truckee-Carson.....	807,706.17
New Mexico, Carlsbad.....	194,160.21
New Mexico, Hondo.....	110,001.11
New Mexico-Texas, Rio Grande.....	941,529.16
New Mexico-Texas, Elephant Butte Storage.....	2,741,683.61
North Dakota, North Dakota Pumping.....	70,000.00
Oregon, Umatilla.....	572,000.00
Oregon—California, Klamath.....	175,219.62
South Dakota, Belle Fourche.....	163,039.07
Utah, Starberry Valley.....	686,641.41
Washington, Okanogan.....	149,000.37
Washington, Yakima-Storage.....	608,657.61
Washington, Yakima-Sunnyside.....	658,085.38
Washington, Yakima-Tieton.....	113,997.79
Wyoming, Shoshone.....	593,399.20
Secondary.....	709,916.80
Townsites.....	4,421.97
Revolving Fund.....	394,799.11
Totals.....	\$23,460,555.05

Below is a general outline of the proposed expenditures, by states, projects, and features. The secretary's approval not only limits the expenditures on the various features, but no transfer of funds between features will be permitted except after specific approval of the secretary, and then only after detailed and itemized statements have been made by the projects showing the necessity or desirability of such transfers. These plans are based upon certain assumptions and upon the conditions that existed at the beginning of

the year; therefore, it should be borne in mind by the water users that future unforeseen conditions may materially change the proposed operations outlined below.

Arizona.

In Arizona it is proposed to expend the sum of \$909,846 on the Salt River project and \$831,000 on the Yuma project.

Salt River.—The items of expenditure approved by the secretary comprise \$154,321 on the power system; \$114,561 on the North Side Canal system; \$98,173 on the South Side Canal system; \$15,937 for wells for irrigation; \$2,500 for six sites for zanjerio houses and \$3,600 for their construction, and \$10,887 for the survey of farm unit boundaries. \$45,000 has been allotted for contingencies, and it is proposed to spend \$464,866 in the operation and maintenance of the system to irrigate the lands under cultivation. This includes the proposed expenditure of \$80,500 in the operation of the power plants.

Yuma.—The total amount to be expended is estimated at \$831,000, distributed as follows: \$10,000 on sluice and regulator works for the Laguna dam; \$20,000 on the reservation distribution system; \$10,000 on the Yuma main canal (California), and \$231,352 on the Yuma Valley distribution system. On river front protection along the Colorado River it is proposed to expend \$330,480. It is also planned to expend approximately \$50,000 on drainage on the Yuma Indian reservation, and \$112,000 in the operation and maintenance of the system as now constructed to irrigate the lands under cultivation.

California.

In California it is planned to expend \$255,700 on the Orland project and \$5,000 on the Iron Canyon project in co-operation with the state of California.

Orland.—The approved expenditures are \$179,200 on the storage works to supplement the water supply and increase the irrigable area; \$6,000 on the canal; and \$50,000 on the extension of the lateral system to increase the irrigable area 6,000 acres.

Colorado.

In Colorado the plans contemplate the expenditure of \$1,873,000 on the Grand Valley project and \$750,860 on the Uncompahgre Valley project.

Grand Valley.—The items of expenditure comprise \$300,000 on the construction of headworks; \$512,000 on the construction of the Main Canal, Canyon Division 1; \$215,000 on the Main Canal, Division 2; \$160,000 on the Main Canal, Division 3; and \$242,000 on Division 4. Telephone line construction for the year is estimated at about \$8,000, while expenditures to be made for constructing buildings and miscellaneous structures amount to \$13,600. In addition to these items it is proposed to expend \$300,000 in partially constructing the lateral system and \$7,000 in investigating power development.

Uncompahgre Valley.—The items approved are expenditures of \$1,876 for buildings, while \$60,000 is to be expended on continuing lining on the Gunnison tunnel and \$5,000 on placing riprap and grouted paving protection to the sluice works of the Gunnison River weir. In addition the plans contemplate the expenditure of \$225,000, \$35,000, \$100,000, \$50,000, and \$10,000 on

the East, West, Selig, Ironstone, and Garnet systems respectively.

Idaho.

In Idaho it is planned to expend \$3,600,000 on the Boise project and \$477,000 on the Minidoka project.

Boise.—The proposed expenditures comprise \$2,400 on camp construction; \$21,000 on wagon roads; \$30,000 on camp maintenance; \$600 on clearing Arrowrock Reservoir; \$14,000 on power development at Arrowrock; and \$459,000 on preparatory expense and incidental operations on the Boise River Storage Unit. In addition to these expenditures on the Boise River Storage, \$2,219,000 is to be expended on construction work on the Arrowrock Dam proper. The approved expenditures on the distribution unit are \$42,000 on gravel facing the Deer Flat embankment; \$55,000 for canals and lateral system on the Main Canal; \$74,000 for canals and lateral system for Deer Flat Reservoir; \$8,000 on the survey of farm units; \$150,000 on drainage in the Pioneer Irrigation District; and \$50,000 on miscellaneous drainage.

Minidoka.—The expenditures proposed to be made comprise \$46,000 on the distribution system of the gravity unit and \$52,100 on the South Side pumping distribution system; \$2,000 to complete the cottages now under construction at the power plant; \$17,570 for enlarging the capacities of the South Side pumping stations; \$3,700 on the West End pumping extension; and \$9,500 on the substations at Burley and Marshfield and for other appurtenances in connection with power deliveries. \$206,000 is to be expended for drainage. In the operation and maintenance estimate the sum of \$10,000 is included for commercial power operations.

Montana.

In Montana it is planned to expend \$251,000 on the Huntley project and \$1,293,000 on the Milk River project, exclusive of the St. Mary Storage, on which it is planned to expend \$443,530; while on the Sun River project the proposed expenditures total \$1,712,000, and on the Lower Yellowstone project, \$103,800.

Huntley.—\$56,000 is to be expended on canal extensions, \$175,000 on drainage, Milk River (exclusive of St. Mary Storage).—\$470,000 on the construction of Vandalla diversion works; \$365,000 on the canal system, \$5,000 on additional buildings; \$500,000 on Nelson Reservoir; \$500 for townsite developments, and \$15,000 for operation and maintenance during construction. \$10,000 is also provided for contingencies.

St. Mary Storage.—The proposed expenditures comprise \$2,860 for surveys; \$18,172 for real estate; \$11,928 for additional buildings; \$2,000 on telephone lines; \$10,000 on roads; \$172,500 on storage works; \$65,000 on diversion works; and \$558,000 for canals.

Sun River.—The estimated expenditures on this project are \$220,000 on the Pishkun Reservoir; \$3,000 on the Willow Creek Reservoir; \$37,895 on Sun River diversion; \$400,000 on the construction of the Pishkun Reservoir Supply Canal; \$435,000 on the construction of the Sun River Slope Canal, Spring Valley Division; and \$540,000 on construction work. Sun River Slope Canal, Greenfields Division; \$15,000 on the Fort Shaw Canal; \$5,000 on telephone lines; \$20,000 on transmission lines; \$8,000 on additional

buildings; \$3,000 on roads; \$2,000 on the examination of the project; and \$12,000 on operation and maintenance to irrigate the lands under the Fort Shaw unit.

Lower Yellowstone.—The proposed expenditures are \$53,600 for additional drainage; \$2,000 on the distributing system; \$500 on highway bridges; \$700 for lands and rights of way.

Nevada.

Truckee-Carson.—The plans for the year contemplate an expenditure of approximately \$567,700, the items comprising \$2,000 on permanent buildings; \$30,000 on extending the distribution system; \$10,000 on extension surveys; \$54,000 on the Lahontan storage works; \$10,000 on the main Truckee Canal; \$2,500 for lands and rights of way; \$5,000 on the survey of irrigable lands; \$1,000 on the extension of the telephone system; and \$50,000 on hydroelectric development. In addition \$50,000 is to be expended in constructing drainage systems, \$30,000 on the partial construction of the canal to reach the lands of the Lahontan Bench Unit.

New Mexico.

In New Mexico (exclusive of the Rio Grande project) the proposed expenditures to be made during the calendar year are \$191,100 in the Carlshad project and \$110,000 on the Hondo project.

Carlshad.—The proposed expenditures are \$72,000 for lining the present canal distribution system; \$50,000 for additional drainage; \$1,800 on laterals.

Hondo.—The estimated expenditures comprise \$6,000 on the lateral distribution system; \$94,000 on the construction of the Hondo canal; and \$10,000 on the operation and maintenance of the system.

New Mexico-Texas.

The expenditures to be made on the Rio Grande project proper are \$941,529, while on the Elephant Butte storage works the amount is \$2,741,000.

Rio Grande.—The items approved comprise \$586,500 on the construction of the Mesilla Valley canal system; \$21,000 on the El Paso Valley system; \$50,000 on river control; \$50,000 for drainage, and \$25,000 for the operation and maintenance of the present works to irrigate the lands in cultivation under the Franklin Canal and in the Leansburg Unit.

Elephant Butte Storage.—The expenditure to be made in connection with the storage works are \$12,000 for wagon roads; \$299,400 on excavation for the dam; \$1,870,000 on masonry for the dam; \$283,000 for gates and sluiceways; \$5,000 on spillway construction; \$178,000 on the embankment; and \$56,700 for camp and plant buildings.

Oregon.

The expenditures proposed to be made on the Umatilla project during the year are \$572,000; on the Klamath project, \$175,219; on the Oregon Cooperative Work, \$472,917 for construction work in co-operation with the state under an agreement dated May 3, 1913; and on Columbia River Cooperative work in Oregon, \$12,000.

Umatilla.—The expenditures planned are \$5,000 on the storage works; \$30,000 in extending the distributing system; \$5,000 for additional buildings and real estate; \$500,000 on the construction of the West extension.

Klamath.—The proposed expendi-

tures comprise \$7,000 for extending the distributing system and approximately \$101,000 on the construction of additional drainage works.

Utah.

Strawberry Valley.—The plans for this project are indefinite, owing to the fact that no satisfactory arrangement has as yet been made with the Water Users' Association regarding additional construction. Tentative expenditures have been approved for the purpose of having funds available providing a satisfactory agreement is reached. The proposed expenditures comprise \$30,000 for power plant operation and maintenance; \$322,747 on the construction of the Highline Canal; \$4,893 on Spanish Forks canals; \$180,000 on a distributing system from the Highline Canal; \$105,000 on the Goshen lateral distributing system. The total tentative expenditures aggregate \$636,000.

Washington.

The proposed expenditures to be made in this state during the calendar year are \$149,000 on the Okanogan project; \$608,600 on the Storage Unit of the Yakima project; \$658,000 on the Sunnyside Unit, and \$114,000 on the Tieton Unit.

Okanogan.—The estimated expenditures are \$133,000 on extending the distributing system, which will include the continuation of concrete lining of the present canals and pumping plant; and in addition \$16,000 for operation and maintenance of the system for the irrigation of the lands under cultivation.

Yakima Storage.—The proposed expenditures are \$14,160 on the main Kachess Reservoir; \$450,000 on the Keechelus Reservoir; \$20,000 on the Cleelum Reservoir; \$10,000 on investigations of McAllister Meadow; \$11,400 for continuing hydrographic investigations; and \$1,500 for the operation and maintenance of the Kachess Dam.

Yakima-Sunnyside.—The proposed expenditures are \$114,160 on the main canal and headworks; \$2,700 on the Snipes Mountain Division; \$8,000 on Sulphur Creek wasteway; \$200 on Mahon Division; \$15,000 on the distributing system; \$100,000 on pumping plants on the distributing system; and \$190,000 for pumping plant machinery, together with \$246,000 for the Benton extension. The construction of the last three items are contingent on the water users meeting the conditions required by the secretary.

Yakima-Tieton.—The items of expenditure comprise \$1,050 for investigation of the Tieton Canal; \$1,745 on the distributing system; \$49,200 on auxiliary storage, which provides for the construction of a regulating reservoir at the headwaters of the Tieton River; \$15,000 in connection with Bumping Lake Reservoir.

Wyoming.

Shoshone.—The estimated expenditures are approximately \$593,400, comprising \$362,508 on the Shoshone River Storage; \$80,891 on the Garland Canal and laterals; \$101,860 on drainage, and \$48,140 on operation and maintenance.

Miscellaneous.

In addition to the expenditures that can be directly applied to the various states it is planned to expend \$50,000 for exploration of the Colorado River Basin to determine questions of water storage and diversion sites, and \$50,000 on artesian well experiments.

Pearl Harbor Dry Dock.

Te naval appropriation bill, as reported from committee, increases the limit of cost of the dry dock at Pearl Harbor by \$1,500,000, in accordance with the recommendations of the Secretary of the Navy and as a result of the negotiations which have been conducted during the past month or two with the contractors for this work. It looked at one time as if the contractors would refuse to continue and that the government would be obliged to take up the project. After much discussion there has been an agreement among all those concerned as to the best method to pursue. At a conference at the Navy Department between Mr. Alfred Noble, the consulting civil engineer referred to the chief of the bureau of yards and docks (Civil Engineer Stanford), and Civil Engineer F. R. Harris all expressed the opinion that the construction of this dry dock under the present plans and specifications was not only fraught with the greatest hazard and probable delay in eventual completion, if completed at all, but was inadvisable as an engineering work and was not based on satisfactory assurance and factors of safety which are usually required in good engineering practice. In short, that it was impracticable. These three engineers agreed that a different design, depending upon the use of floating caissons or boats gave every assurance of the successful and early completion of this work, but that it would involve an increase in the authorization for this work of approximately, but not over, \$1,500,000. The contract obligation for the dry dock now stands at \$3,168,461.61, of which the sum of \$1,036,330.01 has been paid the contractor on monthly vouchers on account of work done. There are sufficient funds remaining under the appropriation to defray the cost of proceeding with this dry dock on the new plans indicated during the next fiscal year, but to enable the department to enter into an agreement with the contractors to proceed on the new plans it would be necessary to increase the limit of authorized cost for this structure. Civil Engineers L. M. Cox and F. R. Harris have been placed in charge of the work of design and readjustment in Washington and are engaged on this duty.

-HALLS & SOCIETY BLDGS-

OAKLAND, CAL.—Lodge hall, and stores, 5 story and base. Class C construction, \$200,000. Architect, Albert J. Mazurette, Albany Bldg., Oakland. Owners, Oakland Moose Hall Association. The exact location of the building has not been made public although it has been selected. The owners will occupy about three floors of the building, the first floor being designed for stores. Two of the upper floors will be arranged for offices or living apartments for the members, depending on the number of reservations that can be secured by the time construction work will be started. Full particulars will be given later.

OAKLAND, CAL.—Municipal auditorium, 3 story and base. Class A construction, \$1,000,000. Architect, John J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Bids

are now being taken for two alternate propositions. Proposition A for granite facing, Proposition B for limestone facing. These bids are to be opened on April 13th. On the same date bids will be opened for the architectural terra cotta work on the municipal auditorium. Plans and specifications together with full particulars can be secured from Architect J. J. Donovan, Security Bank Bldg. An official proposal appears in another column of this issue.

PORT ANGELES, WASH.—Lodge hall and stores, 3 story and base, brick and steel, \$35,000. Architect, Francis W. Grant, Globe Block, Seattle. Owners, Naval Lodge B. P. O. E. The building will be erected on a corner site, covering an area of 80 by 100 feet. The first floor will contain a number of stores. Upper two floors will be arranged for the lodge rooms, library, smoking rooms, offices and banquet room. Interior will be finished in pine and hardwood. Plans provide for steam heat and a hot water supply. There will be a large stone fire place. Exterior of the building will be faced with pressed brick. Working drawings are nearly complete and figures will be called for as soon as these drawings are finished.

LOS ANGELES, CAL.—Lodge hall, 3 story and base, brick and steel. Cost not stated. Architect, J. T. Zeller, Currier Bldg., L. A. Owners, Lyran Swedish Lodge Association. The building will be erected at the corner of 18th and Flower streets, covering an area of 52 by 134 feet. There will be stores on the first floor and upper floors will be arranged for the offices of the association and lodge rooms. Interior finish will be of pine and hardwood. A maple floor will be used in the ball room. Plans provide for steam heat, a hot water supply and vacuum heating. Metal window sash and frames will be used. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

HOSPITALS

OAKLAND, CAL.—Hospital group, 1 and 4 story and base. Class A construction, \$1,500,000. Architect, Charles Peter Weeks, Mutual Bank Bldg., S. F. Owners, Alameda County. The Alameda County Supervisors, acting with Architect Charles Peter Weeks, have appointed the staff of experts who will supervise the construction of the new Alameda County Hospital buildings. The list of appointees include the following: R. W. Myers, Oakland, electrical engineer; J. E. Davies, Berkeley, structural engineer, and R. A. Hudson, Berkeley, heating, ventilating and plumbing.

STOCKTON, CAL.—Hospital elevator work. Cost not stated. Architect, State Department of Engineering, Sacramento. Owners, State of California. Bids will be opened on April 21st by the State Board of Control for the installation of a passenger elevator in the Female building at the Stockton State Hospital. Plans and specifications together with complete particulars can be secured from the State Department of Engineering, Sacramento. An official proposal appears in another column of this issue.

HOTELS.

SAN FRANCISCO—Hotel, 7 story and base, brick and steel, \$80,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Trowbridge & Perkins. The building will be erected at the southeast corner of Post and Shannon streets, covering an area of 67½ feet by 85½ feet. Interior will be arranged for a large number of single rooms, all of which will have private baths. Plans provide for steam heat, elevator service, vacuum cleaning system and hot water supply. Interior finish will be of pine and hardwood. Entrance will be finished in marble and tile. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and segregated figures are now being taken.

SAN FRANCISCO—Hotel, 4 story and base, reinforced concrete, \$24,000. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, Mrs. Mary P. Proback. The building will be erected at the corner of Pine and Powell streets, covering an area of 40 by 60 feet. There will be a total of 60 rooms, all of which will have private baths. Interior finish will be of pine and redwood with some elm panels. Plans provide for steam heat, elevator service, a hot water supply and vacuum cleaning system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with cement plaster. Plans are complete and figures are under advisement. Contracts will be let shortly.

PENDLETON, ORE.—Hotel addition and alterations, 3 story and base, brick. Cost not stated. Architects, Tourtelotte & Hummel, Rothchild Bldg., Portland. Owners, Pendleton Hotel Co. The present three-story brick apartment house will be altered into a modern hotel and two additional stories will be added, giving the building a total of 100 guest rooms and a number of public and private baths. Plans include steam heat and a passenger elevator. Considerable exterior work is also included and the entire building will be faced with cement plaster. Plans are complete and figures are being taken.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—State Exhibit building, frame and plaster construction. Cost not stated. Architects, Smith & Layton, Oklahoma City. Owners, State of Oklahoma. The above named firm of architects has just been commissioned to prepare plans for the Oklahoma State Building to be erected at the Panama-Pacific International Exposition. The amount of money available has not been made known. Jessie J. Dunn, of the firm of Dunn, Alked & Dunn of Oakland, is the Commissioner for Oklahoma. Bids will be called for on this work as soon as plans can be completed.

POST OFFICES.

HILO, T. H.—Post office, 3 story and base, brick and concrete, \$200,000. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. A report

from Washington, D. C., states that all figures received recently for the construction of the Federal Building at Hilo, T. H., have been rejected. The plans will be revised and new figures will be taken at once. The Campbell Building Co. of Salt Lake City submitted the lowest figure at approximately \$196,000. Only \$200,000 is available to complete the building.

Contracts Awarded.

SAN FRANCISCO—Railroad construction, \$219,754. Engineer, City Department of Engineering, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractors, Mahoney Bros., Merchants' National Bank Bldg., S. F. Contract price, \$219,754. This contract covers the construction of the Van Ness and Chestnut street line.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO—Shop equipment, Municipal lines. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids are now being called for the shop equipment for the Municipal Railroads. Plans can be secured from the City Engineer. Bids will be opened by the Board of Public Works on April 1st. An official proposal appears in another column of this issue.

SAN FRANCISCO—Car barns, 1 story and base, reinforced concrete. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, Owners, City and County of San Francisco. Contractor, James McLaughlin, 244 Kearny street, has signed a contract with the city for the construction of the new car barns. He is now in the market for the following sub-figures: Electrical wiring, sheet metal work, tar and gravel roofing, ornamental iron, glass and glazing and reinforcing steel.

SAN FRANCISCO—Railroad stations, yards and freight shed, reinforced concrete and frame, \$1,000,000. Architect, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Railroad Co. All matters under consideration with the Board of Supervisors pertaining to the Third and Townsend street depot have been settled and the company has announced that construction will be started at once. The main passenger station will be of reinforced concrete. A large amount of yard trackage and new freight sheds will be constructed. Bids will be called for within a week or ten days.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owners, Oscar Heyman & Bro., 742 Market street, S. F. The dwelling designed for a six-room house, will be erected on 23rd avenue near Irving street. Interior finish will be of pine and redwood. Some hardwood floors will be used. Plans provide for a large open fire place in the living room with a tile mantle. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal

lath. Plans are complete and all work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, Mrs. F. Oliver, 1732 Fell street, S. F. The dwelling will be erected on 27th avenue, and has been designed to contain six rooms and bath. Pine and redwood finish and some oak floors are specified. There will be a large open fire place in the living room. Mantel will be of tile or brick. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$2,500 each. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. These two houses will be erected on the west side of 15th avenue near California, and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood with some elm panels in the living rooms. Hardwood floors will be used in the principal rooms. There will be large open fire places and tile or brick mantels. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exterior will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owner and work will be done by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,000. Architect, none. Owner, Alfred Swanson, Burlingame. The dwelling has been designed to contain five rooms and bath. All interior finish will be of pine or redwood. Hardwood floors will be used in the living and dining rooms. There will be an open fire place and tile mantle. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are in the hands of the owner and work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,500. Architect, W. L. Schmolle, 160 Geary street, S. F. Owners, Whittell Estate. The house has been designed to contain seven rooms, bath and private garage. Interior finish will be of pine and some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, A. R. Lapham, 1853 McAllister street, S. F. The house has been designed to contain six rooms and bath and will be erected on 12th avenue near Anza street. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed.

Exterior of the dwelling will be covered with cement plaster on metal lath and rustic. A brick veneer base will also be used. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, E. B. Pockman, 37th and Geary streets, S. F. This is one of a large number of houses to be erected in the vicinity of 21st avenue and Lake street, and will contain seven rooms, bath and a private garage. All interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner and work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$8,000. Architect, Albert J. Mazurette, Albany Bldg., Oakland. Owner, P. Lindeblad. The dwelling will be erected on Crofton avenue and has been designed for an eight-room house with bath, sleeping porch and private garage. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Automatic water heaters will be specified. Bath rooms will have tile wainscot and composition floors. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and when complete work will be carried on by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, \$2,000. Architect, none. Owner, H. C. Pfang, 5359 Shafter avenue, Oakland. The dwelling has been designed for a six-room house and will be erected on 63rd street east of Telegraph avenue. Interior finish will be largely of pine and redwood. Hardwood floors will be used in the living room and dining room. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Tile wainscot and composition floor will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architect, Olin S. Grove, 2911 Telegraph Avenue, Berkeley. Owner, Frederick Townsend. The dwelling will be erected in Northbrae and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residences, 2, 2 story and base, frame. Cost not stated. Architect, John Hud-

san Thomas, First National Bank Bldg., Berkeley. Owner, E. L. Peters. These houses will each contain seven rooms and bath. Interiors will be finished in pine and redwood with some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have composition floors and tile wainscot. Automatic water heaters will be installed. Exterior of both houses will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

LIVERMORE, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architect, Claude B. Barton. Security Bank Bldg., Oakland. Owner's name withheld. The dwelling has been designed for an eight-room house with bath and sleeping porch. Pine and redwood will be used in the interior finish. Hardwood floors and beam ceilings are specified. There will be a large open fire place in the living room with tile or brick mantel. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$6,000. Architect, Claude B. Barton. Security Bank Bldg., Oakland. Owner, E. L. Reed. The dwelling has been designed for a nine-room house with bath and sleeping porch. Interior finish will be largely of pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Automatic water heaters will be installed. Bath room and kitchen will have tile wainscot. Composition floor will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN JOSE, SANTA CLARA CO., CAL.—Bungalow, 1 story and base, frame, \$2,000. Architect, none. Owner, A. M. Elliott, 539 South Orchard street, San Jose. The dwelling has been designed for a six-room house with bath. Interior finish will be of tile and redwood. Some oak floors will be used. There will be an open fire place in the living room. Mantel will be of tile or brick. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster. Plans are complete and work will be done by Day Labor.

SAN FRANCISCO—Residence, 1½ story and base, frame. Cost not stated. Architect, Henry Shermund, Mills Bldg., S. F. Owner, A. F. Korohl. The dwelling has been designed for a six-room house and will be erected at a corner in the Crocker Amazon Tract. The house will set back some distance from the sidewalk raised on a terrace. Interior finish will be of pine throughout. Hardwood floors will be used in the living room and dining room. There will be two open fire places and tile or brick mantels. Bath room will have tile wainscot and a composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SACRAMENTO, CAL.—Residences, 1 and 2 story, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: Mrs. A. M. Daly, 3220 Magnolia avenue, five-room dwelling, \$2,000; H. Enkowi, 1230 M street, 2 story, brick addition, \$2,000; S. O. Mackey, 1022 34th street, four-room frame dwelling, \$1,600; E. A. Pierce, 214 Forum Bldg., six-room house, \$2,000; Sacramento Home Builders, Forum Bldg., five-room house, \$2,000; H. Uhl, Uhl Court, one five-room house and one seven-room house, \$3,500; Henry C. Ingham, 1500 O street, four-room frame cottage, \$600; R. E. Stubbe, 3712 Palm street, five-room house, \$2,500, and O. H. Moore, 2903 35th street, six-room house, \$2,000. All materials are now being purchased.

LAKEPORT, LAKE CO., CAL.—Residence, 2 story and base, frame, \$10,000. Architect, John J. Foley, 46 Kearny street, S. F. Owners, Franciscan Earthers. The dwelling will be erected adjoining the new church, and will be used as a parish house. The building will contain fourteen living rooms, tailor shop and parochial hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Interior finish will be of pine with some hardwood. Two baths are to be included. Automatic water heater is specified. Bath rooms will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

TURLOCK, Stanislaus Co., Cal.—Residence, 2 story and base, frame, \$8,500. Architect, A. V. Scheppelman, Turlock. Owner, J. E. Weaver. The dwelling has been designed for a nine-room dwelling and will be finished in pine and hardwoods. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Residence, 2 story and base, frame. Cost not stated. Architects, Eisen & Son, Wilcox Bldg., L. A. Owner, Anna M. Moore. The dwelling will be erected on Ardmore avenue and has been designed to contain 16 rooms, 3 baths and sleeping porch. Interior finish will be of mahogany, pine, redwood and white enamel. Hardwood floors will be used throughout. Plans provide for furnace heat, an automatic water heater and open fire places. Mantels will be of tile. All bath rooms will have tile wainscot and composition floors. Exterior of the dwelling will be covered with shingles. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Residence, 2 story, attic and base, frame and plaster, \$29,000. Architect, Frank T. Kerley, Consolidated Realty Bldg., L. A. Owner, Dr. C. T. Thomas. The dwelling will be erected in Brentwood Place and will contain 15 rooms, 3 baths, sleeping porches and a garage. Interior finish will be of pine, redwood and white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath

rooms will have tile floors and wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath and shingles. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

PORTLAND, ORE.—Residence, 2½ story and base, brick, \$15,000. Architect, Edward T. Root, Henry Bldg., Portland. Owner's name withheld. The dwelling will be erected in Portland Heights and has been designed to contain twelve rooms, three baths and sleeping porch. A garage will also be erected on the lot. Interior finish will be of pine and hardwood with hardwood and inlaid floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the house and garage will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Residence, 1½ story and base, hollow tile, \$40,000. Architects, Hunt & Burns, Laughlin Bldg., L. A. Owner, Gen. C. M. Spitzer. Contractor, C. J. Nordquist, 522 Patten street, L. A. Contract price, \$40,000.

SCHOOLS.

SAN FRANCISCO—School, 2 story and base, brick and concrete, \$130,000. Architect, Albert Pissis, Flood Bldg., S. F. Owners, City and County of San Francisco. Plans for the new Oriental School, which is to be erected on the south side of Washington street, between Powell and Stockton streets, have been completed and turned over to the Board of Public Works for figures. Bids will be opened on April 1st. The building will be of the semi-fireproof type and will contain twelve class rooms, assembly hall, office and teachers' rooms. Interior will be finished in pine with maple floors. Plans provide for a modern system of steam heat, a vacuum cleaning system and slate blackboards. Special electric work and program clocks are called for. Exterior of the building will be faced with cement plaster and pressed brick. An official proposal appears in another column of this issue.

SAN FRANCISCO—Mission school, 3 story and base, Class C construction. Cost not stated. Architect, Robert H. Orr, Van Nuys Bldg., L. A. Owners, Christian Women's Board of Missions of Indianapolis. The building has been designed in the Chinese style and will be erected on a lot 58 by 80 feet on the west side of Stockton street between Sacramento and Clay streets. There will be a large auditorium, banquet room, class rooms and offices. Interior will be finished in pine throughout. Plans provide for steam heat and hot water system. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO—School, 2 story and base, brick and concrete. Cost not stated. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owners, City and County of San Francisco. Plans for the new Cooper School have been completed and have received the approval of the Board of Education. The building will be erected at the corner of Jones and Lombard streets and will

contain fourteen class rooms, assembly hall, principals' office and teachers' rooms. There will be steam heat, a vacuum cleaning system, program clocks and bells. Construction will be of the semi-fireproof type. Interior finish will be of pine throughout with maple floors in the class rooms. Exterior of the building will be faced with pressed brick. Plans will go out for figures this week.

FRESNO, FRESNO CO., CAL.—Schools, 6, 1 and 2 story, brick or reinforced concrete, \$480,000. Architect, W. D. Coates, of the firm of Coates & Traver, Addison-Head Bldg., S. F., has been selected to act as supervising architect for the new Fresno schools. Mr. Coates was formerly State Architect. Architects from Fresno and elsewhere will submit plans for the new buildings.

CORCORAN, KINGS CO., CAL.—School, 2 story and base, brick, \$40,000. Architect, J. Carl Thayer, Forsyth Bldg., Fresno, Owners, Corcoran Union High School District. This building was mentioned here when Mr. Thayer was first commissioned to prepare the plans. Bids have been taken and were opened by the Board of Education on Tuesday night. A complete list of the figures will appear in the next issue of the Building and Industrial News.

SACRAMENTO, CAL.—School, 2 story and base, reinforced concrete, \$193,000. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, City of Sacramento. All bids for the construction of the new school building at Sacramento have been rejected as above the appropriation. Plans will be revised, cutting the height of the building by two feet and making some changes in the type of floor construction, which, it is believed will bring the building cost to within \$193,000. Revised plans will be out for figures very shortly. Further mention will be made of the work.

STOCKTON, SAN JOAQUIN CO., CAL.—School, 2 story and base, brick, \$75,000. Architects, Stone & Wright, 24 South California street, Stockton, Owners, City of Stockton. This building, known as the East Side School, has been out for figures before Plans were not revised as the Board of Education believed that collusion existed among the three firms bidding. The building will contain twelve class rooms, assembly hall and office. Interior will be finished in pine throughout with hardwood floors in the class rooms. There will be steam heat, oil burning furnace and vacuum cleaning system. Exterior of the building will be faced with pressed brick. Bids will be opened on March 31st. Plans can be secured from the architects.

STOCKTON, SAN JOAQUIN CO., CAL.—School, 3 story and base. Class C construction. Cost not stated. Architects, Stone & Wright, 24 South California street, Stockton. Owners, St. Agnes Academy. The building will be erected at the corner of Park and San Joaquin streets and will cover a considerable area. There will be a number of class rooms, living apartments and dormitories. Plans provide for steam heat and hot water supply. Interior finish will be of pine throughout. Some maple floors will be used. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed

brick. Plans are complete and segregated figures are being taken. Father McGough is in charge of the work.

ORANGE, ORANGE CO., CAL.—School, 1 story and base, brick, \$50,000. Architect, J. Flood Walker, 305 East 4th street, Santa Ana. Owners, Orange School District. The building will be erected on a site recently purchased and has been designed to contain eight standard size class rooms and an assembly hall. Interior finish will be of pine throughout with maple floors in the class rooms. There will be steam heat and vacuum cleaning. Program clocks will probably be installed. The exterior of the building will be faced with pressed brick. Plans are now being prepared.

RIVERSIDE, RIVERSIDE CO., CAL.—School, 2 story and base, brick, \$50,000. Architect, G. Stanley Wilson, Virginia Block, Riverside. Owners, Riverside School District. A new grammar school will be erected in the New Magnolia avenue district, and a kindergarten building will be erected for the Casa Blanca District. Interior of the grammar school will be finished in pine. There will be a central heating system. Exterior of the building will be faced with pressed brick. Plans are being prepared.

Contracts Awarded.

SANGER, FRESNO CO., CAL.—School, 2 story and base, brick, \$43,000. Architects, Swartz, Hitchkin & Swartz, Rowell Bldg., Fresno. Owners, Sanger Union High School District. Contractors, Trehwitt & Shields, Fresno, general construction. Contract price, \$37,700. Visalla Plumbing Co., heating and ventilating, \$4,500.

SEWERS, STREET WORK AND WATER SYSTEMS.

CALIFORNIA—Highway construction. Cost not stated. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Plans are complete and figures are now being called for the construction of Portland cement and concrete highways together with some asphalt work in the following counties: Solano, Alameda (two pieces), Kern and Ventura. Plans and specifications can be had at the offices of the State Highway Commission. An official proposal appears in another column of this issue.

ORLAND, GLENN CO., CAL.—Reclamation work. Cost not stated. Engineer, United States Reclamation Service, Orland. Owners, United States Government. Sealed proposals will be received at the office of the United States Reclamation Service, Orland, California, until 2 o'clock p. m. April 21, 1914, for building the structures of the East Park Feed Canal in Colusa County, California, near Stonyford, and about 23 miles from Sites, terminus of the Colusa and Lake Railroad. The work involves about 6,000 cubic yards of excavation, 4,000 cubic yards of concrete, the placing of about 49,500 pounds of reinforcing steel and 14,150 pounds of metal work and gate fixtures, and the placing in structures of about 34,500 feet B. M. of lumber. For particulars address the United States Reclamation Service, Washington, D. C., Portland, Ore., or Orland, Cal. F. H. Newell, Director.

STORES.

SAN FRANCISCO—Stores and offices, 3 story and base. Class A construction, \$300,000. Architect, Lewis. Hobart, Crocker Bldg., S. F. Owners, Firemen's Fund Insurance Co. This building, which has been mentioned here before, will be erected at the southwest corner of Sansome and California streets, covering a considerable ground area. The entire first floor and mezzanine will be occupied by the owners. Upper floors will be arranged for modern offices. Interior will be handsomely finished in pine, metal and hardwood. Corridors will have marble wainscot and tile floors. There will be a complete steel frame. Plans provide for steam heat, elevator service, a vacuum cleaning system and mail chutes. There will be metal window sash and frames. Exterior of the building will be faced with pressed brick, granite and terra cotta. Plans are complete and figures are being taken.

SAN FRANCISCO—Cafe ventilating system. Cost not stated. Architect, Joseph T. Carter, Balboa Bldg., S. F. Owners, Hoffman Cafe. Plans are being prepared for a new system of ventilating which will be installed in the Hoffman Cafe on lower Market street. A blower system will be specified. Bids will be called for shortly.

SAN FRANCISCO—Lofts, 3 story and base, brick and steel. Cost not stated. Architect, none. Owner, Edward F. Franks, 98 Fillmore street, S. F. The building will be erected on the north side of California street west of Kearny. There will be stores on the first floor and lofts above. Interior finish will be of pine throughout. Metal window sash and frames are specified. Exterior of the building will be faced with pressed brick. Plans are complete and the owner will take figures for the various parts of the work.

BERKELEY, ALAMEDA CO., CAL.—Office, 1 story, frame, \$3,500. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owners, Byron Jackson Iron Works. The building will be erected at the foot of Carlton street, and has been designed as an office for the company's plant. Interior will be finished in pine. There will be modern plumbing and electric work. Exterior will be covered with galvanized iron. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Lofts, 5 story and base. Class A construction. Cost not stated. Architects, Traln & Williams, Exchange Bldg., L. A. Owner, J. F. Hosfield. The building will be erected on property adjoining the City Hall on Broadway between 3rd and 4th streets, and will be used as a City Hall Annex. The building will be of the Class A type of construction and will cover an area of 60 by 160 feet. There will be a complete steel frame, reinforced concrete walls and floors. Interior will be finished in pine and hardwood with some metal trim and metal window sash and frames. There will be steam heat, elevator service and a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Offices, 12 story and base. Class A construction, \$1,000,000. Architects, Parkinson &

Bergstrom, Security Bldg., L. A. Owners, Commercial Fireproof Building Co. The building will be erected at the northeast corner of Spring and 5th streets. The entire first floor will be occupied by one of the largest banking institutions of Los Angeles. Upper floors will contain a total of 462 offices. There will be a complete steel frame, brick curtain walls, concrete floors and roof slabs. Interior will be finished in hardwood and metal trim. There will be five passenger elevators, mail chutes, steam heat, vacuum cleaning system and sidewalk doors and lights. Exterior of the building will be faced with terra cotta. Plans are complete and figures will be taken at once.

LOS ANGELES, CAL.—Stores and offices, 12 story and base, reinforced concrete, \$350,000. Architect, George W. Eldridge, Marsh-Strong Bldg., L. A. Owners, Spring Street Investment Co. The building will be erected on Spring street between 6th and 7th streets, covering an area of 58 by 112 feet. There will be stores on the first floor and a total of 253 offices on the upper floors. Foundations, exterior walls, floors and roof will be of reinforced concrete. Interior will be finished in pine, hardwood and metal trim. The plans provide for steam heat, three elevators, vacuum cleaning, mail chutes and a hot water system. Metal window sash, hollow tile partitions and patent store fronts are specified. Exterior of the building will be faced with terra cotta. Plans are being prepared.

SANTA ANA, ORANGE CO., CAL.—Bank and offices, 5 story and base. Class A construction. Cost not stated. Architect, T. Beverley Kelm, Jr., Los Angeles Investment Bldg., L. A. Owners, Farmers' and Merchants' Bank of Santa Ana. The building will be erected on a corner site and will cover an area of 50 by 100 feet. The entire first floor will be occupied by the bank. Upper floors will be arranged for 11 offices to the floor. Interior finish will be of pine and hardwood. Ornamental plaster will be used in the banking rooms. Plans provide for steam heat, elevator service, a vacuum cleaning system and mail chutes. Special bank fixtures and vaults will be specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

SAN FRANCISCO—Dance hall and stores, 2 story and base, brick, \$25,000. Architect, Henry H. Meyers, Kohi Bldg., S. F. Owner's name withheld. The building will be erected on Mission street between 16th and 17th streets. The first floor will be arranged for stores and upper floor for a dance hall. Interior finish will be of pine throughout. A maple floor will be used in the dance hall. Patent store fronts and plate glass windows are specified. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

Contracts Awarded.

STOCKTON, SAN JOAQUIN CO., CAL.—Bank and offices, 10 story and base, Class A construction. Cost not stated. Architects, Stone & Wright, Stockton, associated with L. B. Dutton. Chronicle Bldg., S. F. Owners, Commercial Savings Bank of Stockton.

Contractor, P. J. Walker, Monadnock Bldg., S. F. Note: This contract has been taken on the percentage basis.

SEALED PROPOSALS.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 535—Proposals for Sheet Steel or Iron, Water Level Indicator, Bascorers, Horizontal Colorers, Steel Tapes, Clips, Unslacked Lime, Lard Oil, Cresote Oil, Metallic Brown, Black Asphaltum Varnish, Switch Ties and Unslacked Lime. Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. April 5, 1914, at which time they will be opened in public, for furnishing the above mentioned articles. Bids and general information relating to this circular No. 535 may be obtained from this office or the office of the assistant purchasing agent, 1686 North Point street, San Francisco, Cal. also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; F. C. BOGGS, general corps engineer, U. S. army, general purchasing officer.

PROPOSALS FOR METAL WORK.

METAL WORK—Sealed proposals, including proposals for Structural Steel for Marine Railway, will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 12 o'clock p. m. April 4, 1914, and then and there publicly opened for fabrication and delivery of structural steel and miscellaneous metal work for a marine railway at the U. S. naval station, Pearl Harbor, Hawaii. Plans and specifications can be obtained on application to the bureau. H. R. STANFORD, chief of bureau.

PROPOSALS FOR TRESTLE.

BUILDING AND TRESTLE—Proposals for Constructing Coal Sheds and Trestle—Fort Logan, Colo.—Sealed proposals, in triplicate, for furnishing all material and labor required in constructing coal sheds and trestle here will be received until 11 a. m. April 4, 1914, and then opened. Information furnished on application. Envelopes containing proposals should be endorsed "Proposals for Coal Shed and Trestle" and addressed QUARTERMASTER.

PROPOSALS FOR BUILDING.

BUILDING—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals plainly marked on the outside of the sealed envelope "Proposals for Additions to Erick Dormitory, Santa Fe Indian School, New Mexico," and addressed to the commissioner of Indian Affairs, Washington, D. C., will be received at the Indian Office until 2 o'clock p. m. April 13, 1914, for furnishing material and labor for the construction of additions to girls' brick dormitory at the Santa Fe Indian School, New Mexico. The superintendent of the Santa Fe Indian School, Santa Fe, New Mexico, CATO SELLS, commissioner.

PROPOSALS FOR GRANITE OR LIMESTONE WORK.

PURSUANT to Resolution No. 7643 N. S., passed March 16, 1914, the Council of the City of Oakland will receive bids for furnishing of all the materials, labor and workmanship required in connection with the construction, erecting and finish of A: Granite Work and Setting, or B: Limestone Work and Setting, for the Auditorium, located on Twelfth street, between Broadway and Lake Shore avenue, in the City of Oakland.

All proposals shall be made upon and conform to the requirements of the forms of proposals, prepared and

furnished by the City, through the Supervising Architect, and shall be enclosed in sealed envelopes, endorsed "Bid for Auditorium," addressed to the Council and deposited by the bidder or his agent, with said Council while in session, between 11 o'clock a. m. and 12 o'clock, noon, on the first day of the day of April, 1914, in the room of the Council in the City Hall, 14th and Washington streets, Oakland, and at the expiration of 10 o'clock a. m. the bids will be opened, examined and publicly declared in open session of the Council.

All said materials, labor and workmanship is to consist of that required by, and be in accordance with the plans, drawings and specifications prepared therefor and on file in the office of John J. Donovan, Supervising Architect of the City of Oakland, to which said plans and specifications reference is hereby made.

The Contract for the furnishing of all the labor and materials entering into the construction of the Auditorium, or B: Limestone Work and Setting, all as indicated on the Plans and Specifications, is to be let or awarded as a separate contract.

The Contractor will be required to begin work within five (5) days from the execution of the contract, unless otherwise notified in writing by the owner or architect, and to fully complete the entire work in accordance with the requirements of the agreement, plans, drawings and specifications prepared therefor, to the entire satisfaction of the Commissioner of Public Works and the Council, on or before seventy-five (75) working days from and after the beginning of the work.

After the award and upon the execution of the agreement, the contractor shall at that same time execute to the City of Oakland and deliver to the Auditor a bond guaranteeing to the City the faithful performance of the contract, and in and equal to twenty-five per centum (25%) of the amount named in the agreement. He shall likewise execute and deliver at the same time, and in equal amount, a bond to protect any and all persons performing labor upon or furnishing materials to be used upon the said work, and in and equal to equal fifty per centum (50%) of the amount named in said agreement.

The bond set of the forms of proposal, and of the required affidavits, agreement, bonds, acknowledgments and specifications will be furnished contractors and deposited with the office of the Supervising Architect of the City of Oakland, Security Bank Building, corner of 11th and Broadway. The plans and drawings may be obtained at said office of the Supervising Architects after March 17th, 1914, within a reasonable time after application, and upon a deposit of Twenty-five (\$25) which deposit will be returned to the applicant when the said plans and drawings are returned to the Architect in good condition, on complete set of plans and drawings required for the work will be furnished each applicant; additional copies will, however, be furnished, provided the applicant pays the cost of reproduction, such additional copies to be returned to the Architect together with the first set.

All information relative to the requirements for bidding, and all directions necessary to explain and make definite the specifications and drawings will be given by the Supervising Architect upon application at his office.

The right is reserved by the Council in accordance with the provisions of the Charter of the City of Oakland, to reject any or all bids submitted.

Each bid shall bear the affidavit of the bidder as required by Section 126 of the Charter.

FRANK M. SMITH, City Clerk.

PROPOSALS FOR ARCHITECTURAL

TERRA COTTA WORK.

PURSUANT to Resolution No. 7643 N. S., passed March 16, 1914, the Council of the City of Oakland will receive bids for furnishing of all the labor, materials and workmanship required in connection with the construction, erection and finish of the Architectural

Terra Cotta and Setting for the Auditorium, located on Twelfth street, between Fallon street and Lake Shore avenue, in the City of Oakland.

All proposals shall be made upon and conform to the requirements of the forms of proposals, prepared and furnished by the City, through the Supervising Architect, and shall be enclosed in sealed envelopes endorsed "Bids for Auditorium" addressed to the Council and deposited by the bidder, or his agent, with said Council, while in session, between 11 o'clock p. m. and 2 o'clock p. m. on the 13th day of April, 1914, in the room of the Council in the City Hall, 14th and Washington streets, Oakland, and at the expiration of the time named the bids will be opened, examined and publicly declared in open session of the Council.

Said materials, labor and workmanship is to consist of that required by, and be in accordance with the plans, drawings and specifications preliminary thereto, on file in the office of John J. Donovan, Supervising Architect of the City of Oakland, to which said plans and specifications reference is hereby made.

The Contractor for the furnishing of all the labor and materials entering into the construction, and the completion of the Architectural Terra Cotta and Setting, all as indicated on the Plans and Drawings and as called for by the specifications is to be let or awarded as a separate contract.

The Contractor will be required to begin work within five (5) days from the execution of the contract, unless otherwise notified in writing by the owner or architect, and to fully complete the entire work in accordance with the requirements of the agreement, plans, drawings and specifications prepared therefor to the entire satisfaction of the Commissioner of Public Works and the Council, before one hundred (100) working days from and after the beginning of the work.

After the award and upon the execution of the agreement, the contractor shall at the same time execute to the City of Oakland and deliver to the Auditor a bond, payable to the City of Oakland, in the sum of Twenty-five percent of the amount named in the contract, and in an amount equal to twenty-five percent of the amount named in the agreement. He shall likewise execute and deliver at the same time another and separate bond to protect any and all persons performing labor upon or furnishing materials to be used upon the said work, and in an amount equal to fifty per centum (50%) of the amount named in said agreement.

A bound set of the forms of proposals and of the required affidavits, agreement, bonds, acknowledgments and specifications will be furnished contractors on demand at the office of the Supervising Architect of the City of Oakland, Stanley Bank Building, corner of 11th and Broadway. The plans and drawings may be had at the said office of the Supervising Architect after March 17th, 1914, within a reasonable time after application, and upon a deposit of Twenty-five (\$25.00) which deposit shall be returned to the applicant when the said plans and drawings are returned to the Architect in good condition; one complete set of plans and drawings and one complete set of specifications will be furnished each applicant; additional copies will, however, be furnished, provided the applicant pays the cost of reproduction. Additional copies to be returned to the Architect together with the first set.

All information relative to the requirements for bidding and all directions necessary to explain and make definite any of the provisions of the specifications or drawings furnished by the Supervising Architect upon application at his office.

The right is reserved to the Council in accordance with the Charter of the City of Oakland, to reject any or all bids submitted.

Each bid shall bear the affidavit of the bidder, as required by Section 125 of the Charter.

FRANK M. SMITH, City Clerk.

NOTICE TO CONTRACTORS.

NOTICE is hereby given that sealed bids will be received by the Board of Trustees of the Patterson Union High

School, Patterson, Stanislaus County, California, on the 11th day of April, 1914, up to 2 o'clock p. m. of the said day, for the purpose of procuring material to construct a new Union High School Building in said District, on the site provided for same, on the west line of 7th street, bounded on the north by H street and on the south by J street.

Plans and specifications for the said proposed new Union High School Building are on file in the office of Dr. A. M. Field, Clerk of the above Board, in the City of Patterson, California, in the office of Henry C. Smith, authorized architect, 785 Market street, San Francisco, California, where copies of same may be obtained by bidders on deposit of the sum of Twenty-five Dollars (\$25.00). Reference is hereby made to such plans and specifications for mode of bidding. Blank forms for bidding will be furnished by Clerk or architect upon application.

Each bid must be accompanied by a certified check or bidder's bond for ten per cent of the amount of the bid, said check or bond to be made payable to Dr. A. M. Field, Clerk of the Board of Trustees of the Patterson Union High School District. The Board reserves the right to reject any or all bids.

General bidders will be allowed to return the plans and specifications for six (6) consecutive days in which to prepare figures, but arrangements may be made by bidders to retain same until opening of bids, which amount will be deducted from the deposit made of \$25.00 when the plans and specifications are returned.

DR. A. M. FIELD, Clerk.
CAD ELLIS,
President of the Board of Trustees of the Patterson Union High School District, Patterson, Stanislaus Co., California.

NOTICE TO BIDDERS ON GRAMMAR SCHOOL BUILDING.

NOTICE is hereby given by the Board of Education of Stockton School District, that sealed bids will be received at the office of said Board in the Public School Building, Stockton, up to the hour of 8 p. m. on the 31st day of March, 1914, at which time bids will be publicly opened.

Plans for the furnishing of work, labor and materials to complete a certain school building for Stockton School District, according to plans and specifications which may be seen at the office of Stone & Wright, architects, 21 South California street, Stockton, California, during business hours. All bids must be accompanied by a certified check or certificate of deposit for not less than ten per cent of the amount bid, conditioned that the successful bidder shall enter into a contract in accordance with such bid, and file with said Board of Education a bond to be approved by them within ten days after the acceptance of his bid, which bond shall be conditioned for the faithful fulfillment of the contract specified in and on the said plans, for fifty per cent of the amount of the contract price for the work to be done thereunder.

Plans must be submitted upon forms obtained from the architects.

Contractors must make a deposit of \$25 with the architects when taking plans and specifications from the office. Dated March 10th, 1914.

By order of the Board of Education.
By ANSEL S. WILLIAMS, Sec'y.

PROPOSALS FOR BRICK WORK.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 1st day of April, 1914, for doing the following work including the furnishing of the necessary labor and materials therefor, to wit: The brick work for the Oriental School Building.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Pub-

lic Works, and completed within sixty (60) calendar days thereafter. The amount of bond for faithful performance of contract has been fixed at \$1,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposals.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works.

RICHARD J. CLINE, Secretary.

PROPOSALS FOR ELECTRIC WORK.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 1st day of April, 1914, for doing the following work including the furnishing of the necessary labor and materials therefor, to wit: The Electric Wiring for the Oriental School Building.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within three hundred and thirty (330) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$250.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposals.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works.

RICHARD J. CLINE, Secretary.

PROPOSALS FOR PLUMBING AND GAS FITTING.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 1st day of April, 1914, for doing the following work including the furnishing of the necessary labor and materials therefor, to wit: The Plumbing and Gas Fitting for the Oriental School Building.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within three hundred and thirty (330) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$1,500.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposals.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works.

RICHARD J. CLINE, Secretary.

PROPOSALS FOR HEATING AND VENTILATING.

OFFICE OF THE BOARD OF PUBLIC WORKS OF THE CITY AND COUNTY OF SAN FRANCISCO.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on **Wednesday, the 1st day of April, 1914**, for doing the following work including the furnishing of the necessary labor and materials therefor, to wit:

The Installation of the Heating and Ventilating System of the Oriental School Building.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed with three hundred and thirty (330) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$300.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. **RICHARD J. CLINE,** Secretary.

PROPOSALS FOR BUILDING.

OFFICE OF THE BOARD OF PUBLIC WORKS OF THE CITY AND COUNTY OF SAN FRANCISCO.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on **Wednesday, the 1st day of April, 1914**, for doing the following work including the furnishing of the necessary labor and materials therefor, to wit:

The construction of the Central Fire Station, located on the corner of Washington street, between Powell and Stockton streets.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed with three hundred and thirty (330) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$24,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. **RICHARD J. CLINE,** Secretary.

PROPOSALS FOR BUILDING.

OFFICE OF THE BOARD OF PUBLIC WORKS OF THE CITY AND COUNTY OF SAN FRANCISCO.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on **Wednesday, the 8th day of April, 1914**, for doing the following work including the furnishing of the necessary labor and materials therefor, to wit:

The construction of the Central Fire Station, located on the corner of Washington street, between Powell and Stockton streets.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in

the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works and completed within one hundred twenty (120) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$12,500.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. **RICHARD J. CLINE,** Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS OF THE CITY AND COUNTY OF SAN FRANCISCO.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on **Wednesday, the 1st day of April, 1914**, for furnishing and delivering the following material:

The machine shop equipment for the Great Street Municipal Railway.

Said material must be in accordance with the specifications thereon on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced and completed within the time limits set forth in said specifications.

The amount of bond for faithful performance of contract has been fixed at \$500.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Clerk of the Board of Public Works, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. **RICHARD J. CLINE,** Secretary.

STATE OF CALIFORNIA. DEPARTMENT OF ENGINEERING.

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 516 Forum Bldg., Sacramento, Cal., until the time hereinafter noted, at which time they will be opened. Proposals for the construction in accordance with the specifications therefor, to which special reference is made, portions of State Highways and as follows:

Unit 2 o'clock P. M., April 13, 1914

Solano County from Benicia to a point 2 1/2 miles south of Orinda H. S. about 3 miles in length, to be built of Portland cement concrete.

Alameda County from Hayward to Valhalla School (V-A-5-C), about 3.1 miles in length, to be built of Portland cement concrete.

Alameda County from Hayward to Oakland (O-A-D), about 5.1 miles in length, to be surfaced with asphaltic concrete.

Kern County from the northerly county boundary to Decatur (KT-K-D-P), about 12.4 miles in length, to be built of Portland cement concrete.

Ventura County from Sea Cliff to the western boundary (V-V-5-C, F & G), about 5.1 miles in length, to be built of Portland cement concrete.

Plans may be seen, and forms of proposals, contracts and specifications may be obtained, at the said office and they may be seen at the offices of the Division Engineers in the divisions with which the work is situated. The Division Engineers' offices are

located at Whittier, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any all bids or to accept the bid deemed for the best interests of the State.

CHARLES H. BUCHHEIT, R. H. BUCHHEIT, NEWELL D. DARLINGTON, CHARLES F. STERN, California Highway Commission.

AUSTIN B. HITCHCOCK, Highway Engineer. WILSON R. ELLIS, Secretary. Dated: March 13, 1914. (4)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including **12 o'clock, Tuesday, April 21st, 1914**, said bids then and there to be publicly opened and read for furnishing all plant, materials and labor, and doing the work required for the construction and erection of the elevator work of the building known as the Federal Building, at the Stockton State Hospital, Stockton, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Five Dollars (\$5.00) will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, at Sacramento, California, in good order.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any or all of the foregoing.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope "Proposals for Elevator Work, Stockton State Hospital, Stockton, California."

(Signed) **W. F. McClure,** State Engineer. (4)

NOTICE TO CEMENT DEALERS.

OFFICE OF THE BOARD OF STATE HARBOR COMMISSIONERS. Union Depot and Ferry House, San Francisco, California, March 19, 1914.

SEALED PROPOSALS or bids will be received at this office at or prior to **11 o'clock A. M. on Thursday, April 2nd, 1914**, for furnishing Portland Cement for use on the waterfront of the City and County of San Francisco, in accordance with the specifications prepared therefor by the Assistant State Engineer of the Board and adopted by the Board, March 11, 1914, and on file in this office, to which special reference is hereby made.

The minimum amount of cement required for each contract is 100 barrels of the standard size and weight, same to be delivered f. o. b. cars, main line of Belt Railroad, San Francisco, during a period of twelve (12) months, and after date of execution of the contract. The cement shall be of the artificial Portland brand, capable of passing satisfactorily all of the tests set forth in specifications and must meet the approval of the Assistant State Engineer for the Board.

No bid will be received unless it is made on a blank form furnished from this office and is accompanied by a cash deposit of \$500.00 for each contract, or \$5,000.00 dollars for each contract to be made payable to the order of the Secretary of the Board, conditioned that if the contract is not awarded, the contract awarded, and if the bidder shall fail or neglect to execute a contract and give the bond required within six days after the award is made, in that case said sum mentioned in said check shall be deemed liquidated

damages for such failure, and neglect and shall be paid into the San Francisco Harbor Improvement Fund.

The successful bidder to file a bond with two or more sureties in the sum of thirty thousand (\$30,000) dollars to be approved by the Board of State Harbor Commissioners, and conditioned for the faithful performance by the contractor of all the terms and conditions of said contract according to the true intent and meaning thereof and to the satisfaction of said Board; and said bond shall be effective as provided in an act approved May 1, 1911 for the protection of material men, mechanics and laborers.

Bids will not be considered by the Board unless delivered to the Secretary or to the Assistant Secretary at the office of the Secretary at or prior to 11 o'clock A. M. on Thursday, April 2, 1914, at which time and place bids will be opened.

The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Bidders are invited to be present at the opening of the bids.

Bidders are requested to mark envelope containing bid "Bid for furnishing Cement."

J. J. DWYER.

THOMAS S. WILLIAMS.

H. McCALLISTER, Board of State Harbor Commissioners.

JEROME NEWMAN.

Assistant State Engineer.

LEO V. W. MARR, JR., Secretary. (*)

PROPOSALS FOR SEWER WORK.

SEWER—Office of Quartermaster, Fort Yellowstone, Wyo.—Sealed proposals will be received at this office until 11 a. m. April 4, 1914, and then opened, for constructing an outfall sewer at this post. Further information may be obtained by applying at this office. W. B. McLAURIN, second lieutenant, 1st cavalry, quartermaster.

NOTICE TO BRIDGE BUILDERS.

NOTICE is hereby given that sealed bids will be received by the Board of Supervisors of the County of San Mateo, State of California, up to the hour of 10 o'clock a. m. on Monday, April 6, 1914, for constructing a reinforced concrete bridge on the West Union road across the Cordillera Creek near the Finkler residence, in the Second Road District, per plans and specifications prepared by the county surveyor and adopted by the Board of Supervisors on Monday, March 2, 1914, which said plans and specifications are now on file in the office of the clerk of said Board, where the same may be inspected.

All bids must be addressed to the

clerk of said Board of Supervisors at Redwood City, and each bid must be accompanied by a certified check on some reliable bank in a sum equal to at least 10 per cent of bid, made payable to the undersigned clerk of said Board of Supervisors, same to be forfeited to the county of San Mateo as liquidated damages in case the party to whom the contract shall be awarded shall fail, neglect, or refuse to execute and file, within ten days after the award of said contract, a bond to be approved by the chairman of the Board of Supervisors of said county in an amount not exceeding the contract price, or to enter into a written contract with said county in accordance with said plans and specifications, and the bid thereon.

All bids from contractors must specify the time for the completion of said work, also the cost of concrete in place, per cubic yard to be used in estimating the value of extra work, if required. The right is reserved to reject any and all bids.

JOS. H. NASH,
County Clerk.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock noon, Thursday, April 23rd, 1914, said bids when there to be publicly opened and read for furnishing all plant, materials and labor and doing the work required for the construction and erection of a building to be known as Ward 25, Stockton State Hospital, Stockton, California, in accordance with plans and specifications thereof, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Ward 25, at the Stockton State Hospital Stockton, California."

(Signed) W. F. McCLURE,
State Engineer. (*)

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the large part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owners, Heyman & Bro., 742 Market street, S. F. The dwelling, designed for a six-room house, will be erected on 23rd avenue near Irving street. Interior finish will be of pine and redwood. Some hardwood floors will be used. Plans provide for a large open fire place in the living room with a tile mantel. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and all work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, Mrs. F. Oliver, 1732

Fell street, S. F. The dwelling will be erected on 27th avenue and has been designed to contain six rooms and bath. Pine and redwood finish and some oak floors are specified. There will be a large open fire place in the living room. Mantel will be of tile or brick. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCES—2, 2 story and base, frame, \$2,500 each. San Francisco. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. These two houses will be erected on the west side of 15th avenue near California, and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood with some

elm panels in the living room. Hardwood floors will be used in the principal rooms. There will be large open fire places and tile or brick mantels. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owner and work will be done by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$2,000. San Francisco. Architect, none. Owner, Alfred Swanson, Burlingame. The dwelling has been designed to contain five rooms and bath. All interior finish will be of pine or redwood. Hardwood floors will be used in the living and dining rooms. There will be an open fire place and tile mantel. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are in the hands of the owner and work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$4,500. San Francisco. Architect, W. L. Schmolle, 160 Geary street, S. F. Owners, Whittell Estate. The house has been designed to contain seven rooms, bath and private garage. Interior finish will be of pine and some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, A. R. Lapham, 1853 McAllister street, S. F. The house has been designed to contain six rooms and bath, and will be erected on 12th avenue near Anza street. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath and rustic. A brick veneer base will also be used. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, E. B. Pockman, 37th and Geary streets, S. F. This one of a large number of houses to be erected in the vicinity of 21st avenue and Lake street, and will contain seven rooms, bath and a private garage. All interior finish will be of pine or redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner and work will be done by Day Labor.

STATE EXHIBIT BUILDING—Frame and plaster construction. Cost not stated. San Francisco, Architects,

Smith; & Layton, Oklahoma City. Owners, State of Oklahoma. The above named firm of architects has just been commissioned to prepare plans for the Oklahoma State Building to be erected at the Panama-Pacific International Exposition. The amount of money available has not been made known. Jessie J. Dunn, of the firm of Dunn, Alked & Dunn of Oakland, is the Commissioner for Oklahoma. Bids will be called for on this work as soon as plans can be completed.

APARTMENT HOUSE—3 story and base, frame, \$15,000. San Francisco, Architect, M. Mattanovich, David Hewes Bldg., S. F. Owner, Mr. Hadler. The building will be erected on Mission street between 16th and 17th street, and has been designed to contain nine apartments of three and four rooms. Interiors will be finished in pine and redwood with some elm panels. There will be steam heat, a hot water supply and patent store fronts. All suites will have private baths and wall beds. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE ALTERATIONS—3 story frame, \$6,000. San Francisco, Architect, Arthur J. Laib, Russ Bldg., S. F. Owner, Miss McGough, 1256 Page street. The work will consist of altering the two lower flats of a three-story building into four modern apartments. The basement to the building will be altered to contain a store. Third floor will be arranged for one flat. New interior finish, oak floors, modern plumbing, electric work and painting will be required. Exterior of the building will also be altered. Plans are complete and figures are being taken.

FURNISHING CEMENT—Cost not stated. San Francisco, Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Bids have been called for on 50,000 barrels of cement which is to be delivered to the State Board of Harbor Commissioners, f. o. b. cars of the Belt Line Railroad at San Francisco. Bids will be opened on April 2nd. Specifications and full particulars can be secured from the Secretary's office of the State Board of Harbor Commissioners. An official proposal appears in another column of this issue.

FIRE ALARM STATION—2 story and base, brick and concrete. Cost not stated. San Francisco, Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. A two-story and basement brick and concrete building will be erected in Jefferson Square to house the central fire alarm station. Interior will be finished in pine and will contain special electric work, repair rooms and offices. There will be steam heat. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken by the Board of Public Works. Bids will be opened on April 5th. An official proposal appears in another column of this issue. Plans can be secured from the Department of Architecture.

FLATS—2 story and base, frame, \$5,000. San Francisco, Architect, none. Owner, A. Petry, 336 Pierce street, S.

F. The building will be erected on the west side of 11th avenue north of Fulton street, covering an area of 25 by 81 feet, and has been designed to contain two modern flats of five and six rooms. Interior finish will be of pine, redwood and some hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be open fire places and tile mantels. Bath rooms will have composition floors and tile wainscot. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

FLATS—3 story and base, frame, \$4,500. San Francisco, Architect, M. Mattanovich, David Hewes Bldg., S. F. Owner, Mrs. V. Kusish. The building will be erected on Pacific street west of Powell, and will contain two flats and a store. The structure will have a 20-foot frontage and a depth of 54 feet. Interior will be finished in pine and redwood. Open fire places and tile mantels are specified. Bath room will have tile wainscot and composition floor. Exterior of the building will be covered with rustic and shiplap. Plans are complete and work will be done by Day Labor. All materials are now being purchased.

FLATS—2 story and base, frame, \$4,000. San Francisco, Architect, none. Owner, V. Filippis, 866 Union street, S. F. The building will be erected at the southwest corner of Montgomery and Union streets, covering an area of 26 by 70 feet. Plans show two modern flats of five and six rooms. Interior finish will be of pine and redwood. Some oak floors will be used. Each living room will have a large open fire place with tile or brick mantel. Bath rooms will have composition floors and tile wainscot. Automatic water heaters are specified. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are being purchased.

GARAGE—1 story and base. Class A construction. Cost not stated. San Francisco, Architect, John A. Ettler, 604 Mission street, S. F. Owner, John V. Oppel. The building will be erected on the south side of Natoma street near Second, and will cover an area of 68 by 70 feet. There will be a steel frame, steel roof trusses and concrete walls and floors. Steel and foundations have been designed heavy enough to carry three additional stories. A completely equipped machine shop for automobile repairs will be installed. Exterior of the building will be covered with pressed brick. Plans are complete and figures are being taken.

HOTEL—1 story and base, brick and steel, \$80,000. San Francisco, Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Trowbridge & Perkins. The building will be erected at the southeast corner of Post and Shannon streets, covering an area of 67½ feet by 85½ feet. Interior will be arranged for a large number of single rooms, all of which will have private baths. Plans provide for steam heat, elevator service, vacuum cleaning system and hot water supply. Interior finish will be of pine and hardwood. Entrance will be finished

in marble and tile. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and segregated figures are now being taken.

HOTEL—4 story and base, reinforced concrete, \$24,000. San Francisco, Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, Mrs. Mary P. Prohack. The building will be erected at the corner of Pine and Powell streets, covering an area of 40 by 60 feet. There will be a total of 60 rooms, all of which will have private baths. Plans provide for steam heat, elevator service, a hot water supply and vacuum cleaning system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with cement plaster. Plans are complete and figures are under advisement. Contracts will be let shortly.

POST OFFICE—3 story and base, brick and concrete, \$200,000. Hilo, T. H. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. A report from Washington, D. C., states that all figures received recently for the construction of the Federal Building at Hilo, T. H., have been rejected. The plans will be revised and new figures will be taken at once. The Campbell Building Co. of Salt Lake City submitted the lowest figure at approximately \$196,000. Only \$200,000 is available to complete the building.

SHOP EQUIPMENT—Municipal lines. Cost not stated. San Francisco, Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids are now being called for the shop equipment for the Municipal Railroads. Plans can be secured from the City Engineer. Bids will be opened by the Board of Public Works on April 1st. An official proposal appears in another column of this issue.

CAR BARN—1 story and base, reinforced concrete. Cost not stated. San Francisco, Architect, City Department of Architecture, Temporary City Hall. Owners, City and County of San Francisco. Contractor, James McLaughlin, 244 Kearny street, has signed a contract with the city for the construction of the new car barns. He is now in the market for the following subfigures: Electric wiring, sheet metal work, tar and gravel roofing, ornamental iron, glass and glazing and reinforcing steel.

RESIDENCE—1½ story and base, frame. Cost not stated. San Francisco, Architect, Henry Shermund, Mills Bldg., S. F. Owner, A. F. Kofahl. The dwelling has been designed for a six-room house and will be erected at a corner in the Crocker Amazon Tract. The house will set back some distance from the sidewalk raised on a terrace. Interior finish will be of pine throughout. Hardwood floors will be used in the living room and dining room. There will be two open fire places and tile or brick mantels. Bath room will have tile wainscot and a composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

MISSION SCHOOL—3 story and base, Class C construction. Cost not stated. San Francisco, Architect, Robert H

Or, Van Nuys Bldg., L. A. Owners, Christian Women's Board of Missions of Indianapolis. The building has been designed in the Chinese style and will be erected on a lot 58 by 80 feet on the west side of Stockton street between Sacramento and Clay streets. There will be a large auditorium, banquet room, class rooms and offices. Interior will be finished in pine throughout. Plans provide for steam heat and a hot water system. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SCHOOL—2 story and base, brick and concrete. Cost not stated. San Francisco. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owners, City and County of San Francisco. Plans for the new Cooper School have been completed and have received the approval of the Board of Education. The building will be erected at the corner of Jones and Lombard streets, and will contain fourteen class rooms, assembly hall, principal's office and teachers' rooms. There will be steam heat, a vacuum cleaning system, program clocks and bells. Construction will be of the semi-fireproof type. Interior finish will be of pine throughout with maple floors in the class rooms. Exterior of the building will be faced with pressed brick. Plans will go out for figures this week.

STORES AND OFFICES—3 story and base. Class A construction, \$300,000. San Francisco. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owners, Firemen's Fund Insurance Co. This building, which has been mentioned here before, will be erected at the southwest corner of Sansome and California streets, covering a considerable ground area. The entire first floor and mezzanine will be occupied by the owners. Upper floors will be arranged for modern offices. Interior will be handsomely finished in pine, metal and hardwood. Corridors will have marble wainscot and tile floors. There will be a complete steel frame. Plans provide for steam heat, elevator service, a vacuum cleaning system and mail chutes. There will be metal window sash and frames. Exterior of the building will be faced with pressed brick, granite and terra cotta. Plans are complete and figures are being taken.

CAFE VENTILATING SYSTEM—Cost not stated. San Francisco. Architect, Joseph T. Carter, Balboa Bldg., S. F. Owners, Hoffman Cafe. Plans are being prepared for a new system of ventilating which will be installed in the Hoffman Cafe on lower Market street. A blower system will be specified. Bids will be called for shortly.

LOFTS—3 story and base, brick and steel. Cost not stated. San Francisco. Architect, none. Owner, Edward F. Franks, 98 Fillmore street, S. F. The building will be erected on the north side of California street west of Kearny. There will be stores on the first floor and lofts above. Interior finish will be of pine throughout. Metal window sash and frames are specified. Exterior of the building will be faced with pressed brick. Plans are complete and the owner will take figures for the various parts of the work.

DANCE HALL AND STORES—2 story and base, brick, \$25,000. San Francisco. Architect, Henry H. Mey-

ers, Kohl Bldg., S. F. Owner's name withheld. The building will be erected on Mission street between 16th and 17th streets. The first floor will be arranged for stores and upper floor for a dance hall. Interior finish will be of pine throughout. A maple floor will be used in the dance hall. Patent store fronts and plate glass windows are specified. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

APARTMENT HOUSE—3 story and base, brick and steel, \$80,000. San Francisco. Architects, Dunn & Kearns, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on the south side of O'Farrell street between Larkin and Polk streets, and will have a frontage of 60 feet by a depth of 120 feet. There will be a total of 120 rooms arranged in suites of two and three rooms. Plans provide for steam heat, elevator service, hot water supply, vacuum cleaning and wall beds. All suites will have private baths. Interior finish will be of pine, redwood and hardwood. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

APARTMENT HOUSE ALTERATIONS—3 story, frame, \$7,500. San Francisco. Architect, Charles J. Roussseau, 46 Kearny street, S. F. Owner's name withheld. This work will consist of altering a three-story flat building into six modern four-room apartments. Steam heat, wall beds, plumbing, electric work, plastering, painting and millwork will be required. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SCHOOL—2 story and base, brick and concrete, \$130,000. San Francisco. Architect, Albert Pissis, Flood Bldg., S. F. Owners, City and County of San Francisco. Plans for the new Oriental School, which is to be erected on the south side of Washington street, between Powell and Stockton streets, have been completed and turned over to the Board of Public Works for figures. Bids will be opened on April 1st. The building will be of the semi-fireproof type and will contain twelve class rooms, assembly hall, office and teachers' rooms. Interior will be finished in pine with maple floors. Plans provide for a modern system of steam heat, a vacuum cleaning system and slate blackboards. Special electric work and program clocks are called for. Exterior of the building will be faced with cement plaster and pressed brick. An official proposal appears in another column of this issue.

RAILROAD STATIONS, YARDS AND FREIGHT SHED—Reinforced concrete and frame, \$1,000,000. San Francisco. Engineer, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Railroad Co. All matters under consideration with the Board of Supervisors pertaining to the Third and Townsend street depot have been settled and the company has announced that construction will be started at once. The main passenger station will be reinforced concrete. A large amount of yard trackage and

new freight sheds will be constructed. Bids will be called for within a week or ten days.

Contracts Awarded.

FERRY SLIP—Timber construction, \$110,600. San Francisco. Engineer, Assistant State Engineer Jerome Newman, Ferry Bldg., S. F. Owners, State of California. Contractors, Healy-Tibbitts Construction Co., S. F. Contract price, \$110,600. A complete list of all figures received for this work will be found under the heading of San Francisco in this issue.

RAILROAD CONSTRUCTION—\$219,754. San Francisco. Engineer, City Department of Engineering, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractors, Mahoney Bros., Merchants' National Bank Bldg., S. F. Contract price, \$219,754. This contract covers the construction of the Van Ness and Chestnut street line.

Builders' Exchange Holds Election.

Annual Election of Directors Results in Selection of Eleven Well Known Men For One Year.

The following were elected directors of the Builders' Exchange of San Francisco for the ensuing year:

E. J. Brandon,	R. A. Chisholm
C. W. Withington	R. J. H. Forbes
Fred Fischer	Chas. J. McDonnell
H. Maundrell	A. Mennie
Robert Dewar	J. D. McGilvray, Jr.
	James Young

The above named directors will meet the last Friday in this month to organize and elect officers. The Secretary's report showed the Exchange to be in a very prosperous condition, having \$3000 in local banks and a \$5000 equity in their building. Owing to the prosperous condition of the Exchange the monthly dues will be reduced beginning July 1st from three dollars to two dollars per month.

City Bids Opened.

Mahoney Bros. and R. C. Storrie Co. Both Very Close on Construction of Van Ness Avenue Line.

Four sets of figures were opened by the Board of Public Works on Wednesday afternoon for the construction of tracks for the Van Ness-Chestnut street Municipal Railroad. Mahoney Bros., Merchants' National Bank Bldg., appear to be low by from \$200 to \$700. R. C. Storrie & Co. were the next lowest bidders. The total of Mahoney Bros. bid is around \$219,200 while R. C. Storrie & Co.'s is around \$219,900. F. Rolandi and the Healy-Tibbitts Constr. Co. also submitted bids. Official action will be taken by the Board of Public Works at their next Friday afternoon meeting.

Only one bid, that of Bill & Jamison, was received for furnishing copper rail bonds for the Municipal Railroads.



NEW LODGE HALL FOR KNIGHTS OF COLUMBUS
San Francisco

Smith O'Brien, Architect
San Francisco



MAIN LOBBY, KNIGHTS OF COLUMBUS HALL
San Francisco

Smith O'Brien, Architect
San Francisco



LOUNGING ROOM KNIGHTS OF COLUMBUS HALL
San Francisco

Smith O'Brien, Architect
San Francisco



MAIN ENTRANCE KNIGHTS OF COLUMBUS HALL
San Francisco

Smith O'Brien, Architect
San Francisco

Award Contract For New Harbor Work.

**Healy-Tibbitts Co. Will Construct New
Car Slips at Foot of Mason Street
For \$110,600.**

Healy-Tibbitts Constr. Co. were awarded the contract for the construction of new car slips at the foot of Mason street at the Thursday afternoon session of the State Board of Harbor Commissioners. The contract price is \$110,600. Other bids submitted were as follows:

Car Slips, Mason Street.	
Healy-Tibbitts Constr. Co., \$110,600	
San Francisco Bridge Co., 111,700	
Hyde-Harjes Co., 116,873	
Thompson Bridge Co., 119,870	
Duncan-Harrison Co., 137,700	

Building Contracts Awarded

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Amt.
803	Gosliner	Ellingson	6200
804	Hanks	Deibel	7545
805	Hobart	Newberry	11,000
806	Same	Floodberg	36000
807	Same	Rudgear	32000
808	Same	Gould	5300
809	Same	Stockton	45000
810	Same	Gladding	52500
811	Same	Smith	18000
812	Same	Musto	41750
813	Same	Otis	59000
814	Same	Forderer	10500
815	Same	Keefe	10000
816	Same	Mangrum	9400
817	Same	Same	9500
818	Same	Same	9500
819	Same	Same	6200
820	Same	Wittman	21500
821	Same	Clinton	1500
822	Hobart	Simonds	1500
823	Same	Jackson	750
824	Same	Hughson	1475
825	Same	Same	881
826	Same	Yale	6000
827	Same	Farrell	3000
828	Same	Cal Platte Glass	8500
829	Same	Day	4250
830	Galland	Clinton	36500
831	Schradner	Klahn	1145
832	Seakey	Newberry	11,000
833	Arndino	Mangini	2500
834	Keenan	Keenan	4000
835	Same	Same	4000
836	Anderson	Anderson	2400
837	Same	Same	2400
838	Same	Same	2400
839	Same	Same	1400
840	Same	Same	2400
841	Urban	Urban	4500
842	Elvin	Klvin	4500
843	Lapham	Lapham	2750
844	Combined Am	Franz	1191
845	Malloch	Malloch	5000
846	Moran	McClumphy	2315
847	Camara	Franz	1191
848	Arndino	Anderson	8500
849	McCarthy	Glaze	10611
850	Nelson	Nelson	2500
851	Same	Same	1000
852	Hmsted Rity	Grabb	1200
853	Krumdick	Krumdick	400
854	Nougul	Beuret	400
855	Mariano	Mariano	2400
856	Hodgkins	Gordon	1000
857	Leo	Medus	600
858	Fawx	Fawx	400
859	Fairfield	Fairfield	400
860	Rosenbath's	Emanuel	1000
861	Bland	Bland	1000
862	Allred	Allred	1250
863	Miller	Miller	750
864	Simonds	Simonds	500
865	Johnson	Johnson	1000
866	Rushon	Rushon	1000
867	Lybch	Hannwell	1000
868	Reite	Reite	450
869	Knight	Knight	2000
870	Swanson	Swanson	2000
871	McGaw	Knowles	2250
872	Eggert	Dulfer	7500
873	Clyd & Co of S F	Brode	82000
874	Ortel	Bruck	2025
875	Lloyd Estate	Hannah	42925
876	McGaw	Hetty	485
877	Zellerbach	Central	750
878	P P I E	Turner	126392

879	Roeder	Denney	49000
880	Wilson	Looney	11662
881	Same	Henderson	2375
882	Same	Bradley	19783
883	Same	Clinton	59220
884	Wilson	Hillard	6112
885	Same	Gradin	2360
886	Same	Musto	932
887	Same	Morrison	2078
888	Same	Ginsberg	1120
889	Same	Cal Platte Glass	1583
890	Crocker	Pacific Mfg	7528
891	Williams	Bell	5290
892	Kipp	Fath	850
893	Un Jr Wks	Day	17000
894	Hyman	Finlayson	2000
895	Soiari	Demartini	6050
896	Home Ldy	Corbun	1500
897	Rosenthal	Riddle	6000
898	Jordan	Lindberg	21
899	Prahl	Roberts	1500
900	Linkey	Knoop	1500
901	Hill	Heaphy	9000
902	Piermouth	Roberts	3320
903	Flattery	Roberts	2400
904	Boragno	Moffet	6000
905	Natl Ice Cr	Pasqualetti	185
906	Fatio	Born	185
907	San	Stromswold	1455
908	Burton	Joyland	5363
909	Rakeman	Rakeman	400
910	Lawton	Lawton	500
911	Rosenquist	Rosenquist	400
912	Baker	Tucker	400
913	Oliver	Oliver	2500
914	Rathjen	Crawford	450
915	Schantz	Schantz	2400
916	Maurer	Salmon	400
917	Nelson	Nelson	2500
918	Mondani	Mondani	1000
919	Long	Grieb	850
920	Helms	Helms	4000
921	Dahl	Dahl	1700
922	Phillips	Phillips	1700
923	Person	Person	1800
924	Meyers	Pearson	500
925	Gruenhagen	Am Sign	500
926	Soleman	Coleman	4000
927	Heyman	Heyman	2100
928	Deflino	Deflino	2500
929	Suey Hing	Bradut	200
930	Guerrero Rity	Anderson	2000
931	Titus	Titus	1700
932	Rosa	Rosa	1000
933	Peter	Peter	4000
934	Pockman	Pockman	3000
935	Lapham	Lapham	2750
936	Bowman	Bell	5185
937	Brown	Brown	200
938	Purity Ice Cream	Glaze	5650
939	Williams	Bell	5298
940	West	Persson	17193

(803) E POWELL 57-6 N Washington N 20 E 60 S 17-6 W 10-10 S 2-6 W 49-2. All work for three-story and basement class "C" flats.
Owner...Arthur Gosliner, Humboldt Bank Bldg., S. F.
Architect...C. O. Clausen, Phelan Bldg San Francisco.
Contractor...Ellingson & Holt, 3877 26th, San Francisco.
Filed Mar. 16, '14. Dated Mar. 14, '14.
2nd floor joists on.....\$1550
Brown coated..... 1550
Completed and accepted..... 1550
Usual 35 days..... 1550
TOTAL COST, \$6200
Bond, \$3100. Surety, Chicago Bonding & Surety Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.
(804) FACING SOUTH BDY WALL
Presidio, beg at pt on sd wall 312-6 W Laurel W along sd wall 29-6 S 120-19 - 29-6 N 122-73. All work except heating plant, finished hardware, wall papering and light fixtures for frame residence.
Owner...Abbot A. Hanks, 630 Sacramento, San Francisco.
Architect...Geo. A. Schastey, Monadnock Bldg., S. F.
Contractor...Louis Deibel.
Filed Mar. 16, '14. Dated Mar. 7, '14.
Foundations and all concrete work, except basement floors laid.....\$600
Framing up, rough floors down and sheathing on..... 1600
When finished plaster on..... 1800
Completed and accepted..... 1785

Usual 35 days..... 1855
TOTAL COST, \$7540
Bond, none. Limit, 90 days after Mar. 9. Forfeit, none. Plans and specifications filed.
(805) S SUTTER 87-6 E Montgomery S 124-9 S 62-7 W 25 S 83-11 W 92-5 1/2 N 92-6 W 50. Electric wiring for twenty-story office building.
Owner...Hobart Estate Co., Merchants' Exchange Bldg., San Francisco.
Architect...Willis Polk & Co., Merchants' Exchange Bldg., San Francisco.
Contractor...Newberry-Bendheim Elec. Co., Humboldt Bank Bldg., San Francisco.
Filed Mar. 16, '14. Dated Jan. 21, '14.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$6482
Bond, \$3241. Surety, Fidelity & Deposit Co. of Maryland. Limit, Oct. 31, 1914. Forfeit, \$15. Plans and specifications filed.
(806) METAL PARTITIONS, FURRING lathing and plastering on above.
Contractor...Floodberg & McCaffery, Monadnock Bldg., S. F.
Filed Mar. 16, '14. Dated Mar. 16, '14.
Payments same as above.....
TOTAL COST, \$36,000
Bond, \$1800. Surety, Fidelity & Deposit Co. of Maryland. Limit, Oct. 31, 1914. Forfeit, \$35. Plans and specifications filed.
(807) ORNAMENTAL IRON WORK on above.
Contractor...Rudgear-Mierle Co., Bay & Stockton, San Francisco.
Filed Mar. 16, '14. Dated Feb. 9, '14.
Payments same as above.....
TOTAL COST, \$32,000
Bond, \$16,000. Sureties, A. E. and A. Sharboro. Limit, Oct. 31, '14. Forfeit, \$35. Plans and specifications filed.
(808) FURNISH AND INSTALL sTORAGE battery on above.
Contractor...The Gault Storage Battery Co., Rialto Bldg., S. F.
Filed Mar. 16, '14. Dated Feb. 9, '14.
Payments same as above.....
TOTAL COST, \$5900
Bond, \$2950. Surety, Fidelity & Deposit Co. of Maryland. Limit, Oct. 31, 1914. Forfeit, \$15. Plans and specifications filed.
(809) CARPENTRY ON ABOVE.
Contractor...Stockholm & Allyn, Monadnock Bldg., S. F.
Filed Mar. 16, '14. Dated Feb. 6, '14.
Payments same as above.....
TOTAL COST, \$15,000
Bond, \$22,500. Sureties, Fred H. Beaver and D. O. Druffel. Limit, Oct. 31, 1914. Forfeit, \$40. Plans and specifications filed.
(810) TERRA COTTA ON ABOVE.
Contractor...Gladding McBean & Co., Crocker Bldg., S. F.
Filed Mar. 16, '14. Dated Jan. 28, '14.
Payments same as above.....
TOTAL COST, \$52,500
Bond, \$26,250. Sureties, P. McG. McBean, Geo. A. Newhall and A. J. Gladding. Limit, Oct. 31, '14. Forfeit, \$40. Plans and specifications filed.
(811) ERECT STRUCTURAL STEEL & set in place all cast iron bases on above.

Contractor..Smith-Rice Co., 118 Howard, San Francisco.
Filed Mar. 16, '14. Dated Jan. 27, '14.
Payments same as above.....
TOTAL COST, \$18,000
Bond, \$9000. Surety, Fidelity & Deposit Co. of Maryland. Limit, Oct. 31, 1914. Forfeit, \$25. Plans and specifications filed.

(812) MARBLE WORK ON ABOVE.
Contractor..Joseph Musto Sons-Keeno Co., 565 North Point, San Francisco.
Filed Mar. 16, '14. Dated Jan. 20, '14.
Payments same as above.....
TOTAL COST, \$41,750
Bond, \$20,875. Surety, Fidelity & Deposit Co. of Maryland. Limit, Oct. 31, 1914. Forfeit, \$40. Plans and specifications filed.

(813) ELEVATORS ON ABOVE.
Contractor..Otis Elevator Co., Beach & Stockton, San Francisco.
Filed Mar. 16, '14. Dated Jan. 23, '14.
Payments same as above.....
TOTAL COST, \$30,000
Bond, \$15,000. Surety, National Surety Co. Limit, Oct. 31, '14. Forfeit, \$35. Plans and specifications filed.

(814) ROOFING AND SHEET METAL work on above.
Contractor..The Forrester Cornice Works, 269 Potrero Ave., San Francisco.
Filed Mar. 16, '14. Dated Jan. 22, '14.
Payments same as above.....
TOTAL COST, \$10,500
Bond, \$5250. Surety, Fidelity & Deposit Co. of Maryland. Limit, Oct. 31, 1914. Forfeit, \$20. Plans and specifications filed.

(815) PAINTING ON ABOVE.
Contractor..J. H. Keefe Co., 820 O'Farrell, San Francisco.
Filed Mar. 16, '14. Dated Jan. 21, '14.
Payments same as above.....
TOTAL COST, \$10,000
Bond, \$5000. Surety, Fidelity & Deposit Co. of Maryland. Limit, Oct. 31, 1914. Forfeit, \$15. Plans and specifications filed.

(816) WATER TUBE BOILERS AND auxiliaries on above.
Contractor..Mangrum & Otter, Inc., 561 Mission, San Francisco.
Filed Mar. 16, '14. Dated Jan. 21, '14.
Payments same as above.....
TOTAL COST, \$9400
Bond, \$4700. Surety, National Surety Co. Limit, Oct. 31, 1914. Forfeit, \$15. Plans and specifications filed.

(817) ELECTRIC GENERATING plant on above.
Contractor..Mangrum & Otter, 561 Mission, San Francisco.
Filed Mar. 16, '14. Dated Jan. 20, '14.
Payments same as above.....
TOTAL COST, \$6500
Bond, \$3250. Surety, National Surety Co. Limit, Oct. 31, '14. Forfeit, \$15. Plans and specifications filed.

(818) HEATING AND VENTILATING on above.
Contractor..Mangrum & Otter, 561 Mission, San Francisco.
Filed Mar. 16, '14. Dated Jan. 20, '14.
Payments same as above.....
TOTAL COST, \$9500
Bond, \$4750. Surety, National Surety

Co. Limit, Oct. 31, 1914. Forfeit, \$15. Plans and specifications filed.

(818) FLOOR TILING ON ABOVE.
Contractor..Mangrum & Otter, 561 Mission, San Francisco.
Filed Mar. 16, '14. Dated Jan. 20, '14.
Payments same as above.....
TOTAL COST, \$6200
Bond, \$3100. Surety, National Surety Co. Limit, Aug. 31, 1914. Forfeit, \$15. Plans and specifications filed.

(820) PLUMBING ON ABOVE.
Contractor..WittmanLyman & Co., 341 Minna, San Francisco.
Filed Mar. 16, '14. Dated Feb. 6, '14.
Payments same as above.....
TOTAL COST, \$21,200
Bond, \$10,600. Surety, Fidelity & Deposit Co. of Maryland. Limit, Oct. 31, 1914. Forfeit, \$25. Plans and specifications filed.

(821) CONCRETE FIREPROOFING and cement work on above.
Contractor..The Clinton Fireproofing Co., Mutual Bank Bldg., San Francisco.
Filed Mar. 16, '14. Dated Jan. 29, '14.
Payments same as above.....
TOTAL COST, \$35,000
Bond, \$17,500. Surety, Globe Indemnity Co. Limit, Oct. 31, '14. Forfeit, \$35. Plans and specifications filed.

(822) S SUTTER \$7-6 E Montgomery S 124-9 S 62-7 W 25 S \$3-11 1/2 — 92-5 1/2 N 92-6 W 50. Deep well and pump for twenty-story office building.
Owner.....Hobart Estate Co., Merchants' Exchange Bldg., San Francisco.
Architect...Willis Polk & Co., Merchants' Exchange Bldg., San Francisco.
Contractor..Simonds Machinery Co., 12 Natoma, San Francisco.
Filed Mar. 16, '14. Dated Jan. 20, '14.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$1850
Bond, \$925. Surety, Fidelity & Deposit Co. of Maryland. Limit, Oct. 31, 1914. Forfeit, \$10. Plans and specifications filed.

(823) SIDEWALK LIGHTS ON ABOVE
Contractor..P. H. Jackson & Co., 237 First, San Francisco.
Filed Mar. 16, '14. Dated Jan. 20, '14.
Payments same as above.....
TOTAL COST, \$750
Bond, \$375. Surety, U. S. Fidelity & Guaranty Co. Limit, Oct. 31, 1914. Forfeit, \$10. Plans and specifications filed.

(824) VACUUM SWEEPER ON ABOVE
Contractor..Hughson & Merton, 520 Golden Gate Ave., S. F.
Filed Mar. 16, '14. Dated Jan. 20, '14.
Payments same as above.....
TOTAL COST, \$1475
Bond, \$737. Surety, Aetna Accident & Liability Co. Limit, Oct. 31, 1914. Forfeit, \$10. Plans and specifications filed.

(825) WINDOW SHADES ON ABOVE.
Contractor..W. & J. Sloane, 228 Sutter, San Francisco.
Filed Mar. 16, '14. Dated Feb. 31, '14.
Payments same as above.....
TOTAL COST, \$881
Bond, none. Limit, Oct. 31, 1914. Forfeit, \$5. Plans and specifications filed.

(826) HARDWARE ON ABOVE.
Contractor..Yale & Towne Mfg. Co., Rialto Bldg., S. F.
Filed Mar. 16, '14. Dated Feb. 2, '14.
Payments same as above.....
TOTAL COST, \$6000
Bond, \$3000. Surety, The Aetna Accident & Liability Co. Limit, Oct. 31, '14. Forfeit, \$15. Plans and specifications filed.

(827) BRICK WORK ON ABOVE.
Contractor..Farrell & Reed, M. A. Gunst Bldg., S. F.
Filed Mar. 16, '14. Dated Jan. 22, '14.
Payments same as above.....
TOTAL COST, \$3000
Bond, \$1500. Surety, Aetna Accident & Liability Co. Limit, Oct. 31, 1914. Forfeit, \$35. Plans and specifications filed.

(828) GLAZING ON ABOVE.
Contractor..California Plate & Window Glass Co., 864 Mission, San Francisco.
Filed Mar. 16, '14. Dated Jan. 26, '14.
Payments same as above.....
TOTAL COST, \$8500
Bond, \$4250. Surety, Fidelity & Deposit Co. of Maryland. Limit, Oct. 31, 1914. Forfeit, \$15. Plans and specifications filed.

(829) LIGHTING FIXTURES ON above.
Owner.....Thos. Day Co., 725 Mission, San Francisco.
Filed Mar. 16, '14. Dated Jan. 26, '14.
Payments same as above.....
TOTAL COST, \$4250
Bond, \$2125. Surety, Fidelity & Deposit Co. of Maryland. Limit, Oct. 31, 1914. Forfeit, \$10. Plans and specifications filed.

(830) SE EIGHTH AND FOLSOM. Excavation, concrete piling, reinforced concrete, frame, plumbing, electric, carpenter, sheet metal and painting for two-story reinforced concrete laundry building.
Owner.....Galland Mercantile Laundry, 317 8th, San Francisco.
Architect...Milton Lichtenstein, 111 Ellis, San Francisco.
Contractor..Clinton Fireproofing Co., Mutual Bank Bldg., S. F.
Filed Mar. 16, '14. Dated Mar. 16, '14.
Foundations laid\$4375
2nd floor poured..... 6000
Entire frame poured..... 8000
Completed and accepted..... 9000
Usual 35 days..... 9125
TOTAL COST, \$36,500

Bond, \$18,250. Surety, Globe Indemnity Co. Limit, July 1, 1914. Forfeit, none. Plans and specifications filed.

(831) E CHENERY — S 20th S 26 E 50 ptn Bk 29 Flint Tract. Alterations and additions for one-story cottage.
Owner.....Schradler Estate Co.
Architect...A. Klahn, 27 Chenery, San Francisco.
Contractor..A. Klahn & Son, 27 Chenery, San Francisco.
Filed Mar. 16, '14. Dated Feb. 27, '14.
Work to front of building completed\$445
All work finished..... 400
Usual 35 days..... 200
TOTAL COST, \$1145
Bond, none. Limit, 60 days. Forfeit, \$1. Plans and specifications filed.

(832) W CONNECTICUT 275 N 22nd N 25xW 100. All work for one and

one-half-story and basement residence.
Owner.....Jas. and Anna Lepkey.
Architect...None.
Contractor...New Era Bldg. Co., Inc.,
1493 Guerrero, S. F.
Filed Mar. 16, '14. Dated Mar. 13, '14.
Rough frame up and roof sheathing on\$475
1st coat plaster on..... 475
Completed..... 475
Usual 35 days..... 475
TOTAL COST, \$1500
Bond, none. Limit, without delay.
Forfeit, none. Plans and specifications filed.

(833) E GRANT AVE 70 N Greenwich.
All work for two-story frame residence.
Owner.....Enrico Andino, 45 Oakwood, San Francisco.
Architect...Mr. Frachina, 6 Imperial Ave., San Francisco.
Contractor...Carlo Mangini, 528 Noe, San Francisco.
Filed Mar. 16, '14. Dated Mar. 14, '14.
Frame up and roof on.....\$700
Rough coat plaster on..... 700
Completed..... 700
Usual 35 days..... 700
TOTAL COST, \$2800
Bond, \$1000. Sureties, F. Monteverde and P. C. Casal. Limit, 60 days after March 16. Forfeit, none. Plans and specifications filed.

(834) N GROVE 80 E Masonic Ave.
Two-story and basement frame flats.
Owner.....C. J. & W. J. Keenan,
Grove and Masonic Ave.,
San Francisco.
Architect...None.
Day's work..... COST, \$4000

(835) N GROVE 175 E Masonic Ave.
Two-story and basement frame flats.
Owner.....C. J. & W. J. Keenan,
Grove and Masonic Ave.,
San Francisco.
Architect...None.
Day's work..... COST, \$4000

(836) E TWENTY-NINTH AVE 275 S Anza.
Two-story and basement frame dwelling.
Owner.....J. Anderson, 423 16th Ave., San Francisco.
Architect...None.
Day's work..... COST, \$2400

(837) E TWENTY-NINTH AVE 250 S Anza.
Two-story and basement frame dwelling.
Owner.....J. Anderson, 423 16th Ave., San Francisco.
Architect...None.
Day's work..... COST, \$2400

(838) E TWENTY-NINTH AVE 225 S Anza.
Two-story and basement frame dwelling.
Owner.....J. Anderson, 423 16th Ave., San Francisco.
Architect...None.
Day's work..... COST, \$2400

(839) E TWENTY-NINTH AVE 200 S Anza.
Two-story and basement frame dwelling.
Owner.....J. Anderson, 423 16th Ave., San Francisco.
Architect...None.
Day's work..... COST, \$2400

(840) E TWENTY-NINTH AVE 175 S Anza.
Two-story and basement frame dwelling.
Owner.....J. Anderson, 423 16th Ave., San Francisco.
Architect...None.
Day's work..... COST, \$2400

(841) E DE SOTO 350 N Urbano Drive.
Two-story and basement frame dwlg.
Owner.....Urban Realty & Improvement Co., 83 Cerritos Ave., San Francisco.
Architect...Jos. A. Leonard, 85 Cerritos Ave., San Francisco.
Day's work..... COST, \$4500

(842) FOREST HILL LOT 29 BLK 18.
Two-story and basement frame dwlg.
Owner.....Arthur Elvin, 3854 23rd, San Francisco.
Architect...Fabre & Bearwald, Merchants Nat'l Bank, S. F.
Contractor...Arthur Elvin, Merchants Nat'l Bank Bldg., S. F.
COST, \$4500

(843) W TWELFTH AVE 175 S Anza.
Two-story and basement frame dwlg.
Owner.....A. R. Lapham, 1853 McAllister, San Francisco.
Architect...None.
Day's work..... COST, \$2750

(844) EXPOSITION SITE. Excavating, concrete, carpenter, roofing, sheet metal work, plumbing, electric work and painting for one-story building.
Owner.....Combined Amusement Co.
Architect...A. J. Bain, Phelan Bldg., San Francisco.
Contractor...Val Franz, 185 Stevenson, San Francisco.
Filed Mar. 17, '14. Dated Mar. 14, '14.
Frame up.....\$2977
Enclosed, plumbing and electrical wiring roughed in..... 2977
Completed and accepted..... 2977
Usual 35 days..... 2980
TOTAL COST, \$11,911
Bond, \$5956. Surety, Massachusetts Bonding & Insurance Co. Limit, 60 days after March 20. Forfeit, \$25. Plans and specifications filed.

(845) LOT 26 BLK 22 Forest Hill. All work for two-story and basement frame residence.
Owner.....J. S. Malloch.
Architect...M. I. Schwartz, Nevada Bk. Bldg., San Francisco.
Contractor...J. S. Malloch, 110 Jessie, San Francisco.
Filed Mar. 17, '14. Dated Mar. 17, '14.
No payments given.....
TOTAL COST, \$5000
Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(846) W NINETEENTH AVE 225 S California E 25xW 120. All work except finish hardware for one and one-half-story and basement frame cottage.
Owner.....Edw. C. and Margaret I. Moran, 209 Humboldt Bank Bldg., San Francisco.
Architect...None.
Contractor...E. M. Baker and Geo. McGlumphy, Geary near Lyon, San Francisco.
Filed Mar. 17, '14. Dated Mar. 16, '14.
Frame up and roof boards on.....\$463
Brown coated..... 463
Standing finish on..... 463

Completed and accepted..... 463
Usual 35 days..... 463
TOTAL COST, \$2315
Bond, none. Limit, 90 days. Forfeit, \$1. Plans and specifications filed.

(847) NOS. 519, 521 AND 523 BROADWAY. Alterations and additions to building.
Owner.....E. Camera, 406 Broadway, San Francisco.
Architect...O'Brien Bros., Inc., Clunie Bldg., San Francisco.
Contractor...D. Francesconi.
Filed Mar. 17, '14. Dated Mar. 12, '14.
Posts and girders in place.....\$425
Ready for glass..... 425
Completed..... 425
Usual 35 days..... 475
TOTAL COST, \$1750
Bond, none. Limit, 20 days. Forfeit, \$2. Plans and specifications filed.

(848) N FILBERT 108-2 W Broderick W 25-7xN 137-6. All work except plumbing and painting for two-story and basement frame flats.
Owner.....Mrs. T. Kleinclauss, 2105 Howard, San Francisco.
Architect...Salfeld & Kohlberg, Clunie Bldg., San Francisco.
Contractor...N. P. Anderson, 320 Market, San Francisco.
Filed Mar. 17, '14. Dated Mar. 12, '14.
Frame up.....\$1650
Brown coated..... 1650
Standing finish on..... 1650
Completed and accepted..... 1650
Usual 35 days..... 2200
TOTAL COST, \$8800
Bond, \$4400. Sureties, R. Ringrose and David Dillon. Limit, 100 days. Forfeit, \$5. Plans and specifications filed.

(849) LOT 34 Lyon & Hoag Sub Ashbury Terrace. All work except wall paper for two-story and basement frame residence.
Owner.....Mrs. P. H. McCarthy, 76 Collingwood, San Francisco
Architect...E. E. Young, 251 Kearny, San Francisco.
Contractor...Robt. Glaze, Humboldt Bank Bldg., S. F.
Filed Mar. 17, '14. Dated Mar. 17, '14.
Frame up and rafters on.....\$1989.00
Ready for plaster..... 1989.00
Plastering completed..... 1989.00
Completed and accepted..... 1991.48
Usual 35 days..... 2651.00
TOTAL COST, \$10,611.48
Bond, \$2652.87. Sureties, H. M. Schneider and P. Hansen. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(850) W FIFTEENTH AVE 50 N California. Two-story and basement frame dwelling.
Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.
Architect...None.
Day's work..... COST, \$2500

(851) W FIFTEENTH AVE 25 N California. Two-story and basement frame dwelling.
Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.
Architect...None.
Day's work..... COST, \$2500

(852) W BOUTWELL 75 S Gavin. One story and basement frame dwelling.
Owner.....Homestead Realty Co., 704 Market, San Francisco.
Architect...None.

Contractor Wm. H. Graft, 2810 Bryant, San Francisco.

COST, \$1200

(853) NO. 547 DOUGLASS. Construct addition to shop.
Owner.....Carl Krumdieck, Premises.
Architect...None.
Day's work. COST, \$400

(854) NO. 517 POTRERO AVE. Repair store.
Owner.....Mr. Nougul, Premises.
Architect...None.
Contractor...A. Beuret, 675 Broadway, San Francisco.

COST, \$400

(855) S BOSWORTH 100 W Diamond. One-story and basement frame dwlg.
Owner.....Felice Moriano, 180 Lippard, San Francisco.
Architect...None.
Day's work. COST, \$1400

(856) SE RAILROAD AND KIRKWOOD. Shingle wall and roof of five dwelling and repairs to gutters, etc.
Owner.....Mrs. C. W. Hodgkin, 861 60th, Oakland.
Architect...None.
Contractor...Geo. A. Gordon, 425 Hudson, Oakland.

COST, \$1000

(857) E TWENTY-FIFTH AVE 167 S California. One-story and basement frame dwelling.
Owner.....Mr. Loo, 326 25th Ave., San Francisco.
Architect...None.
Contractor...L. Wedus, 62 Salmon, S. F.

COST, \$600

(858) NO. 63 GRANADA. Raise dwelling and concrete foundation.
Owner.....Jessie M. Fawc, Premises.
Architect...None.
Day's work. COST, \$400

(859) NO. 525 FORTY-FIRST AVE. Raise dwelling, plaster front and build new foundation.
Owner.....O. D. Fairfield, Premises.
Architect...None.
Day's work. COST, \$400

(860) NO. 734 MARKET. Repairs and additions in store.
Owner.....Rosenthal's Inc., 151 Post, San Francisco.
Architect...None.
Contractor...L. & E. Emanuel, 141 12th, San Francisco.

COST, \$1000

(861) W FORTY-EIGHTH AVE 137-6 N Lawton. One-story and basement frame dwelling.
Owner.....Mrs. M. A. Bland, 1569 48th Ave., San Francisco.
Architect...None.
Day's work. COST, \$1000

(862) E OTSEGO 242 N Ocean Ave. One-story and basement frame dwlg.
Owner.....C. S. Allred, 150 Onondago Ave., San Francisco.
Architect...None.
Day's work. COST, \$1950

(863) E CONVERSE 250 N Bryant. Two-story frame factory.
Owner.....Miller Creamery Co., 2941
Architect...A. J. Yerrick, 217 Blake Bldg., Oakland.
Day's work. COST, \$750

(864) W TWENTY-SEVENTH AVE 275 S Lake. All porch, terrazzo steps brick veneer base on front and electric wiring.
Owner.....W. S. Simonds, 217 19th Ave., San Francisco.
Architect...None.
Day's work. COST, \$500

(865) SW MISSION AND WASHBURN. Install freight elevator (direct-gear type) on construct partitions and benches.
Owner.....S. T. Johnson Co., 1334 Mission, San Francisco.
Architect...None.
Contractor...Van Emon Elev. Co., 60 Natoma, San Francisco.

COST, \$1000

(866) W THIRTY-THIRD AVE 100 N Cabrillo. One-story and basement frame dwelling.
Owner.....A. J. Rushion, 37-A Guerrero, San Francisco.
Architect...Thos. Jones, 37-A Guerrero, San Francisco.
Day's work. COST, \$1000

(867) SE FILLMORE AND GREENWICH. Alter saloon.
Owner.....M. Lynch, Premises.
Architect...James Booker.
Contractor...G. S. Hahnwell & Co., 140 First, San Francisco.

COST, \$1000

(868) S POST 195 W Larkin. Construct foundation only.
Owner.....J. B. Reite, 110 Jessie, San Francisco.
Architect...None.
Day's work. COST, \$450

(870) W LISBON 150 E East Bay Blvd. story and basement frame dwelling.
Owner.....Joseph Knight, 427 Bartlett, San Francisco.
Architect...None.
Day's work. COST, \$2000

(870) W LISBON 150 E East Bay Blvd. One and one-half-story and basement frame dwelling.
Owner.....Alfred Swanson, Burlingame, Cal.
Architect...None.
Day's work. COST, \$2000

(871) N GREEN 116-3% W Jones W 47xN 120. Interior and exterior lathing and plastering for two-story basement and attic frame residence.
Owner.....John McGaw, Mills Bldg., San Francisco.
Architect...Oscar Haupt, Phelan Bldg., San Francisco.
Contractor...A. Knowles, 985 Folsom, San Francisco.
Filed Mar. 18, '14. Dated Mar. 17, '14.
1st coat plaster on.....\$850
Completed and accepted.....\$35
Usual 35 days.....\$65
TOTAL COST, \$2250

Bond, none. Limit, without delay. Forfeit, none. Specifications only filed

(872) W FIFTH AVE 75 S Irving S 25xW 95. All work for three-story and garage frame flats.
Owner.....Minna E. Eggert, 1651 Larkin, San Francisco.
Architect...None.
Contractor...W. F. Duffer, 519 15th Ave., San Francisco.
Filed Mar. 18, '14. Dated Mar. 17, '14.
Roof rafters in place.....\$1875

Brown coated.....\$175
Finished and accepted.....\$175
Usual 35 days.....\$175
TOTAL COST, \$7500

Bond, \$3750. Sureties, Mary A. Duffer and Ray Sloumb. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(873) N BROADWAY, bet Sansome & Montgomery. All miscellaneous iron work, except Mason Safety Treads, anchor bolts and top part of chimney frame for Washington Irving School.
Owner.....City and County of S. F.
Architect...None.
Contractor...Brode Iron Works, 31 Hawthorne, San Francisco

Not filed.
As work progresses payments equal to.....\$56
Usual 35 days.....\$56
TOTAL COST, \$2200

(874) NE DARTMOUTH 100 NW Dwight NW 160xNE 120 Ptn Bldk 47 Univ Md Hd Ass'n. All work for one-story and basement frame building.
Owner.....Mrs. K. Orteig.
Architect...None.
Contractor...Michael Brueck, 600 Charter Oak, S. F.

Filed Mar. 19, '14. Dated Mar. 18, '14.
Frame up.....\$500
Brown coated.....500
Completed.....500
Usual 35 days.....525
TOTAL COST, \$2025

Bond, none. Limit, 65 days. Forfeit, none. Plans and specifications filed.

(875) S SUTTER 57-6 W Taylor W 27-6xS 100. All work for six-story and basement Class "C" hotel building.
Owner.....Jno. Galloway and Chas. Slack, Extrs, Est Reulen H. Lloyd, dec'd., 1101 Alaska Commercial Bldg., San Francisco.

Architect...Frank S. Holland, 100 Haight, San Francisco.
Contractor...J. S. Hannah, Williams Bldg., San Francisco.
Filed Mar. 19, '14. Dated Mar. 17, '14.
1st floor joists in place.....\$365.60
3rd floor joists in place.....5365.60
3rd floor joists in place.....5365.60
Roof boards on.....5365.60
Brown coated.....5365.60
Completed and accepted.....5365.60
Usual 35 days.....10731.25
TOTAL COST, \$42,925.00

Bond, \$21,500. Sureties, J. D. Hannah and Geo. W. Cushing. Limit, 125 days. Forfeit, \$50. Plans and specifications filed.

(876) N GREEN 116-3% W Jones W 47xN 120. Electric work, bells, telephones, etc., for two-story and basement and attic frame residence.
Owner.....John McGaw, Mills Bldg., San Francisco.
Architect...Oscar Haupt, Phelan Bldg., San Francisco.
Contractor...Hetty Bros., 326 Ellis, San Francisco.
Filed Mar. 19, '14. Dated Mar. 9, '14.
Electric wiring, bells and phone wiring in place.....\$180
Completed and accepted.....180

Usual 35 days..... \$25
TOTAL COST, \$485
 Bond, none. Limit, without delay.
 Forfeit, none. Specifications only filed.

(877) N TURK 171-10½ E Taylor E
 34-4½xN 137-6. Front and rear fire
 escapes and one balcony for seven-
 story and basement steel frame
 building.

Owner.....Zellerbach-Levison Co.
 Architect.....None.
 Contractor.....Central Iron Works, 651
 Florida, San Francisco.
 Filed Mar. 19, '14. Dated Mar. 17, '14.
 On 15th of each month..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$750

Bond, \$375. Sureties, Andrew A. De-
 voto and Geo. S. Green. Limit, 30 days.
 Forfeit, none. Plans and specifications
 filed.

(878) EXPOSITION SITE. Automatic
 sprinkler system for Education Bldg
 Food Products Bldg., Liberal Arts
 Bldg., Agriculture Bldg., Manu-
 factures Bldg., Transportation Bldg.,
 Mines Bldg. and Varied Industries
 Bldg.

Owner.....Panama-Pacific Interna-
 tional Exposition Co., Ex-
 position Bldg., S. F.

Architect.....None.
 Contractor.....The Turner Co., 279 Na-
 toma, San Francisco.

Filed Mar. 19, '14. Dated Mar. 13, '14.
 As work progresses..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$126,892

Bond, \$75,000. Surety, Commonwealth
 Bonding & Casualty Co. Limit, Sept.
 15, 1914. Forfeit, \$100. Plans and
 specifications filed.

(879) NW TURK & LEAVENWORTH
 W 37-6AN N7-6. All work for six-
 story steel frame and reinforced
 brick hotel building.

Owner.....W. F. Roeder, 834 Market
 San Francisco.

Architect.....Albert W. Burgren, Hol-
 brook Bldg., S. F.

Contractor.....G. P. W. Jensen, 320 Mar-
 ket, San Francisco.

Filed Mar. 19, '14. Dated Mar. 18, '14.
 On 1st of each month..... 75%
 Usual 35 days, 25%.....\$12,250
TOTAL COST, \$49,000

Bond, \$24,500. Sureties, John M. Curtis
 and R. Ringrose. Limit, 180 days from
 filing. Forfeit, \$20. Plans and specifi-
 cations filed.

(880) E POWELL 137-6 N California
 N 68-9xE 137-6. Plumbing, gas fit-
 ting, etc., for seven-story and base-
 ment and sub-basement Class "B" re-
 inforced concrete apartments.

Owner.....A. W. Wilson and Jos.
 Martin, 925 Gough, S. F.

Architect.....C. A. Meussdorffer, Hum-
 boldt Bank Bldg., S. F.

Contractor.....J. Looney Co., Inc., 85 City
 Hall, Ave., San Francisco.

Filed Mar. 19, '14. Dated Mar. 16, '14.

Roughed in\$4000
 Completed and accepted..... 4746
 Usual 35 days..... 2916

TOTAL COST, \$11,662
 Bond, \$6000. Surety, Equitable Surety
 Co. Limit, without delay. Forfeit,
 none. Plans and specifications filed.

(881) CARPENTER AND MILL WORK
 and rough hardware on above.

Contractor.....W. D. Henderson, Monad-
 nock Bldg., S. F.

Filed Mar. 19, '14. Dated Mar. 16, '14.

On 1st of each month..... 75%
 Usual 35 days..... 25%

TOTAL COST, \$23,735
 Bond, \$12,000. Surety, Maryland Casu-
 alty Co. Limit, without delay. For-
 feit, none. Plans and specifications
 filed.

(882) LATHING AND PLASTERING
 on above.

Contractor.....Bradley & O'Reilly, 1728
 Page, San Francisco.

Filed Mar. 19, '14. Dated Mar. 16, '14.

Lathing completed\$4000
 Brown coated 5000

Completed, except patching... 5587
 All completed 250
 Usual 35 days..... 4946

TOTAL COST, \$19,783

Bond, \$10,000. Surety, Aetna Accident
 & Liability Co. Limit, without delay.
 Forfeit, none. Plans and specifications
 filed.

(883) EXCAVATION, CONCRETE. Re-
 inforcing steel, curbs, patent flues,
 fire places, hollow tile, etc., on above

Contractor.....Clinton Fireproofing Co.,
 Mutual Bank Bldg., S. F.

Filed Mar. 19, '14. Dated Mar. 16, '14.

On 1st of each month..... 75%
 Usual 35 days..... 25%

TOTAL COST, \$59,320

Bond, \$30,000. Surety, Globe Indemnity
 Co. Limit, 115 days from March 21.

Forfeit, none. Plans and specifications
 filed.

(884) E POWELL 137-6 N California
 N 68-9xE 137-6. Ornamental iron
 work for seven-story and basement
 and sub-basement "Class "B" re-
 inforced concrete apartments.

Owner.....A. W. Wilson and Jos.
 Martin, 925 Gough, S. F.

Architect.....C. A. Meussdorffer, Hum-
 boldt Bank Bldg., S. F.

Contractor.....C. J. Hillard Co., Inc., 19th
 and Minnesota, S. F.

Filed Mar. 19, '14. Dated Mar. 16, '14.

Stairs and front fire escapes com-
 pleted\$2145

Completed and accepted..... 2439
 Usual 35 days..... 1528

TOTAL COST, \$6112

Bond, \$3100. Surety, Fidelity & De-
 posit Co. of Maryland. Limit, without
 delay. Forfeit, none. Plans and specifi-
 cations filed.

(885) PAINTING ON ABOVE.

Contractor.....A. Gradin, 3887 23rd, S. F.

Filed Mar. 19, '14. Dated Mar. 16, '14.

One-half work done.....\$1485
 Completed and accepted..... 1485

Usual 35 days..... 980
TOTAL COST, \$3960

Bond, \$1000. Sureties, G. Petterson &
 S. Persson. Limit, without delay.

Forfeit, none. Plans and specifications
 filed.

(886) MARBLE WORK ON ABOVE.

Contractor.....Jos. Musto Sons-Keenan
 Co., 565 North Point, S. F.

Filed Mar. 19, '14. Dated Mar. 16, '14.

Completed and accepted.....\$698
 Usual 35 days..... 235

TOTAL COST, \$933

Bond, none. Limit, fast as possible.
 Forfeit, none. Plans and specifications
 filed.

(887) SHEET METAL WORK ON
 above.

Contractor.....Morrison & Co. (Charles J.
 Morrison), 769 McAllister,
 San Francisco.

Filed Mar. 19, '14. Dated Mar. 16, '14.

Exterior cornices and marquise
 in place\$1000

Completed and accepted..... 558
 Usual 35 days..... 520

TOTAL COST, \$2078

Bond, none. Limit, fast as possible.
 Forfeit, none. Plans and specifications
 filed.

(888) TILING ON ABOVE.

Contractor.....S. Ginsberg & Co., 1029
 Larkin, San Francisco.

Filed Mar. 19, '14. Dated Mar. 14, '14.

Completed and accepted.....\$1065
 Usual 35 days..... 355

TOTAL COST, \$1420

Bond, none. Limit, without delay.
 Forfeit, none. Plans and specifications
 filed.

(889) GLASS AND GLAZING ON
 above.

Contractor.....California Plate & Win-
 dow Glass Co., 864 Mission,
 San Francisco.

Filed Mar. 19, '14. Dated Mar. 16, '14.

Completed and accepted.....\$1110
 Usual 35 days..... 475

TOTAL COST, \$1585

Bond, none. Limit, fast as possible.
 Forfeit, none. Plans and specifications
 filed.

(890) SW POST AND POWELL W
 137-6 S 63-6 E 67-6 N 6-6 E 67-11 th

— 57. Mill work and modeling for
 banquet rooms of St. Francis Hotel.

Owner.....Crockier Hotel Co., Shreve
 Bldg., San Francisco.

Architect.....Bliss & Faville, Balboa
 Bldg., San Francisco.

Contractor.....Pacific Mfg. Co., 117
 Stevenson, San Francisco.

Filed Mar. 19, '14. Dated Mar. 16, '14.

On 1st of each month..... 75%
 Usual 35 days, 25%.....\$1882

TOTAL COST, \$7528

Bond, Guaranty bond in favor of owner.
 Sureties, Fred H. Beaver and D. O.
 Druffel. Limit, 90 days. Forfeit, \$50.
 Plans and specifications filed.

(891) W STANYAN 393-6 S Parnassus
 Two-story and basement frame (2)
 flats.

Owner.....Wilford H. Williams, 1124
 Stanyan, San Francisco.

Architect.....J. D. Bell, 549 Pacific Bldg
 San Francisco.

Contractor.....J. D. Bell.

COST, \$5290

(892) W TWENTY-THIRD AVE 100
 N Judah. Two-story and basement
 frame (2) flats.

Owner.....Henry Inskipp, 1814 Judah,
 San Francisco.

Architect.....None.

Contractor.....M. Fauth, 29 Alma, S. F.

COST, \$3725

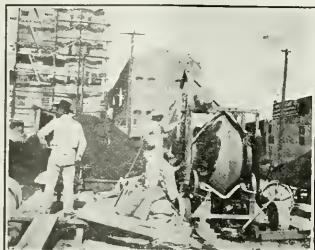
(893) S TWENTIETH 200 E Michigan.
 One-story and basement brick ma-
 chine shop.

Owner.....Union Iron Works, Prem.
 Architect.....Chas. Peter Weeks, Mutual
 Bank Bldg., S. F.

Contractor.....Thos. H. Day Sons, Wells
 Fargo Bldg., S. F.

COST, \$17,000

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(894) NO. 2918 LYON. Alter and add one-story frame flat to store.
Owner.....M. and G. Hyman, Prem.
Architect...None.
Contractor...M. M. Finlayson, 2429 Val-
lejo, San Francisco.

COST, \$2000

(915) E. TAYLOR 150 S Union. Three-story and basement frame (3) flats.
Owner.....Emil Solari, 362 Delano
Ave., San Francisco.
Architect...None.
Contractor...Frank Demartini & Co.,
274 29th, San Francisco.

COST, \$6950

(896) N SEVENTEENTH 92 W Hoff Ave. Alter and add to building.
Owner.....Home Laundry Co., 3338-
32 17th, San Francisco.
Architect...None.
Contractor...E. H. Snell, 133 18th Ave.,
San Francisco.

COST, \$4000

(897) NO. 1920 CALIFORNIA. Tile floors, plaster exterior and repair interior.
Owner.....W. Rosenthal, 110 Sutter,
San Francisco.
Architect...Alfred Jacobs, 110 Sutter,
San Francisco.
Contractor...Ita W. Coburn Inc., 602
Hearst Bldg., S. F.

COST, \$1500

(898) W PALM AVE 333-8 N Euclid. Two-story and basement frame residence.
Owner.....Mrs. Jeanette A. Jordan,
201 Euclid Ave., S. F.

Architect...J. M. Geary, 23rd and Fol-
som, San Francisco.
Contractor...L. V. Riddle, 201 Euclid
Ave., San Francisco.

COST, \$6000

(899) E PARKER AVE 475 N Geary. One and one-half-story and basement frame dwelling.
Owner.....V. U. Prahl, 333 Madrid,
San Francisco.
Architect...None.
Contractor...Lindberg Bros., 257 Sur-
rey, San Francisco.

COST, \$2400

(900) W CONNECTICUT 275 N 22nd. Two-story and basement frame dwlg.
Owner.....John Linkey, 917 Pennsylv-
ania, San Francisco.
Architect...None.

Contractor...Roberts & Woolfrey, 1245
19th Ave., San Francisco.

COST, \$1500

(901) NO. 3912 FILLMORE. Raise present building 9 feet and alter flats into two stores.
Owner.....Anna P. Hill, Premises.
Architect...J. W. Anderson, Prem.
Contractor...F. Knopf and J. Anderson,
Premises.

COST, \$1500

(902) N UNION 24-6 E Fillmore. Two-story and basement frame store and lodging house.
Owner.....Chas. Frieremuth, 1644
Lombard, San Francisco.
Architect...Plans by owner.
Contractor...J. J. Heaphy, 1721 Lombard
San Francisco.

COST, \$9000

(903) W SANCHEZ 66 S 25th. Two-story and basement frame (2) flats.
Owner.....John Flaherty, 2528 Mis-
sion, San Francisco.
Architect...None.
Contractor...Roberts & Woolfrey, 92
Ramona, San Francisco.

COST, \$3320

(904) SE GEARY AND MASONIC AVE. Alter and add to saloon and flats.
Owner.....G. Boragno, Premises.
Architect...F. F. Ronick.
Contractor...Paul Moffer, 14 Allen Place
S. F.

COST, \$2490

(905) W GUERRERO 218-6 N 16th. Three-story reinforced concrete shipping and cold storage warehouse.
Owner.....National Ice Cream Co.,
Guerrero near 16th, S. F.
Engineer...Jas. T. Luldo, 604 Mis-
sion, San Francisco.
Contractor...Jos Pasqualetti, Humboldt
Bank Bldg., S. F.

COST, \$6000

(906) S PACIFIC AVE 55 W Devisa-
dero W 45S 127-84. Excavating,
form work, concrete and reinforcing
steel for retaining wall.
Owner.....P. M. Fajjo, 1805 Franklin,
San Francisco.
Architect...Edw. G. Bolles.

Contractor...S. A. Born Bldg. Co., 660
Market, San Francisco.

Filed Mar. 20, '14. Dated Mar. 18, '14.
Completed and accepted.....\$588
Usual 35 days.....197

TOTAL COST, \$785

Bond, \$588.75. Surety, U. S. Fidelity &
Guaranty Co. Limit, without delay.
Forfeit, \$10. Plans and specifications
filed.

(907) NE RANDOLPH AND ARCH N
160XE 50. All work except lighting
fixtures for four-room frame bunga-
low.

Owner.....Helen P. Swan.
Architect...None.
Contractor...J. C. Stromswold, 315 Hale
San Francisco.

Filed Mar. 20, '14. Dated Mar 17, '14.
Frame up\$100
Brown coated400
Completed200
Usual 35 days.....553

TOTAL COST, \$1953

Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

(908) N GREENWICH 220 W FILL-
more. All work for two-story and
basement frame flats.
Owner.....Mr. and Mrs. I. L. Burton
2232 Greenwich, S. F.

Architect...Plans by Contractor.
Contractor...F. L. Loveland.
Filed Mar. 20, '14. Dated Mar. 19, '14.
Frame up\$1000
Plastered1000
Completed1000
Usual 35 days.....

TOTAL COST, \$3365

Bond, none. Limit, 90 days after Mar.
22. Forfeit, none. Plans and specifica-
tions filed.

(909) W THIRTEENTH AVE 257-6 S
Lawton. One-story and basement
frame dwelling.
Owner.....F. E. Rakeman, 48 Clara,
San Francisco.

Architect...None.
Bay's work.

COST, \$400

(910) W FORTY-FIFTH AVE 175 S Lincoln Way. Alter cottage.
Owner.....C. G. Lawton, 1231 45th Ave., San Francisco.
Architect...None.
Contractor...C. G. Lawton, 1231 45th Ave., San Francisco.
COST, \$500

(911) NO. 531 TWENTY-THIRD AVE Repair flats.
Owner.....George A. Rosenquist, 531 23rd Ave., San Francisco.
Architect...None.
Day's work. COST, \$5

(912) NO. 2578 THIRTY-SECOND AVE. House dwelling, add concrete foundation and floor.
Owner.....Misses Ida and Mary Ann Baker, Premises.
Architect...None.
Contractor...E. G. Tucker, 1222 20th Ave (Sunset), S. F.
COST

(913) E TWENTY-SEVENTH AVE 225 N Taraval. Two-story and basement frame dwelling.
Owner.....Mrs. F. Oliver, 1732 Fell, San Francisco.
Architect...None.
Day's work. COST, \$200

(914) NO. 3247 FILLMORE. Add store to present building.
Owner.....M. Rathjen, Premises.
Architect...None.
Contractor...C. S. Crawford, 3206 Fillmore, San Francisco.
COST, \$

(915) E FORTY-EIGHTH AVE 175 N Santiago. One-story and basement frame dwelling.
Owner.....Lees J. Schantz, 1235 Pine, Apt. No. 3, S. F.
Architect...None.
Day's work. COST, \$600

(916) NO. 3160 WASHINGTON. Tar and gravel roof, terrazzo steps and concrete floor.
Owner.....Mrs. J. Maurer.
Architect...None.
Contractor...L. Salmon, 1303 Ellis, S. F.
COST, \$400

(917) SW CLIPPER AND DIAMOND. One-story and basement frame dwlg.
Owner.....Emil Nelson, 580 Jersey, San Francisco.
Architect...None.
Day's work. COST, \$2500

(918) E FAIR OAKS 122 S 22nd. One-story residence, concrete foundation, floor, etc.
Owner.....G. B. Mondani & C. Muzio, 125 Fair Oaks, S. F.
Architect...None.
Day's work. COST, \$1000

(919) E MADRID 200 N Excelsior. One-story and basement frame dwlg.
Owner.....Oreste Paolo, 417 Vienna, San Francisco.
Architect...L. Pillon, 847 Duncan, San Francisco.
Day's work. COST, \$850

(920) NOS. 92 AND 94 MARKET Minor repairs to market.
Owner.....F. Long, 92 Market, S. F.
Architect...M. J. Lyon & Co., 14 Montgomery, San Francisco.

Contractor...H. T. Grieb, 1020 Greenwich, San Francisco.
COST, \$1000

(921) W EIGHTEENTH AVE 125 N Clement. Two-story and basement frame dwelling.
Owner.....E. F. Helms, California & 5th Ave., San Francisco.
Architect...None.
Day's work. COST, \$1000

(922) NO. 42 BOYCE. Alter dwelling and add four rooms.
Owner.....R. Dahl, Premises.
Architect...None.
Day's work. COST, \$1700

(923) SW MONTGOMERY & UNION. Two-story and basement frame (1) flats.
Owner.....C. Filippis, 866 Union, San Francisco.
Architect...None.
Day's work. COST, \$4000

(924) S TWENTY-EIGHTH 83 W Noe. One and one-half-story and basement frame dwelling.
Owner.....Theodore Person, 4447 23d, San Francisco.
Architect...None.
Day's work. COST, \$1800

(925) NO. 2532 SUTTER. Reconstruct roof.
Owner.....Mrs. C. J. Meyers, Prem.
Architect...Weish & Carey, Merchants National Bank Bldg., S. F.
Contractor...J. A. Pearson, 844 Fulton, S. F.
COST, \$500

(926) NO. 127 POWELL. Electric sign.
Owner.....Grauehagen's Inc., Prem.
Architect...None.
Contractor...American Sign Co., 1st National Bank Bldg., S. F.
COST, \$500

(927) E TWENTIETH AVE 125 N Clement. Two-story and basement frame dwelling.
Owner.....E. Coleman, 5516 Geary, San Francisco.
Architect...None.
Day's work. COST, \$4000

(928) E TWENTY-THIRD AVE 250 N Irving. Two-story and basement frame dwelling.
Owner.....Oscar Heyman & Bro., 742 Market, San Francisco.
Architect...None.
Day's work. COST, \$2100

(929) W TWENTY-SECOND AVE 100 S California. Two-story and basement frame residence.
Owner.....Clarence and Arthur Delfino, 165 9th Ave., S. F.
Architect...Frank J. Silva, Sausalito.
Contractor...S. Delfino, Sausalito.
COST, \$2500

(930) W GRANT AVE 59-6 S Washington. General alterations and repairs to rooming house.
Owner.....Suey Hing Society, Prem.
Architect...None.
Contractor...Brandt & Stevens, 612 Hearst Bldg., S. F.
COST, \$2750

(931) S RICHLAND 325 W Mission. Two-story and basement frame dwlg.
Owner.....Guerrero Realty Co., 2563 Mission, San Francisco

Architect...O. E. Evans, 2367 Mission, San Francisco.
Contractor...Carlson & Anderson, 382 Eureka, San Francisco.
COST, \$2000

(932) NW CLAY & EMBARCADERO. Construct galvanized iron roof signs.
Owner.....Wieland Brewery Co., 1st near Howard, S. F.
Architect...None.
Contractor...Western States Adv. Co., 370 Valencia, S. F.
COST, \$2000

(933) E OSTEAGA 167 N Ocean Ave. One-story and basement frame dwlg.
Owner.....W. A. Titus, 328 Madrid, San Francisco.
Architect...None.
Day's work. COST, \$1700

(934) W EUGENIA 150 N Powhattan. One-story and basement frame dwlg.
Owner.....F. Rosa, 123 Nevada Ave., San Francisco.
Architect...Paul F. De Martini, 2123 Powell, San Francisco.
Day's work. COST, \$1000

(931) W ELEVENTH AVE 250 N Fulton. Two-story and basement frame (3) flats.
Owner.....A. Petry, 336 Pierce, S. F.
Architect...None.
Day's work. COST, \$1800

(935) W TWENTY-FIRST AVE 175 S Lake. Two-story and basement frame dwelling.
Owner.....E. B. Pockman, 37th Ave & Geary, San Francisco.
Architect...None.
Contractor...Pockman & Co.
COST, \$3000

(936) W TWELFTH AVE 50 S Anza. Two-story and basement frame residence.
Owner.....A. R. Lapham, 1853 McAllister, San Francisco.
Architect...None.
Day's work. COST, \$2750

(937) E SIXTEENTH AVE 175 S "B" 25x127-6. All work for two-story frame flats.
Owner.....Mrs. Lena Bowman.
Architect...None.
Contractor...J. D. Bell, Pacific Bldg., San Francisco.
Filed Mar. 21, '14. Dated Mar. 17, '14.
Frame up\$1296.25
Outside rustic on and roof on 1296.25
Completed1296.25
35 days after (as filed)1286.50
TOTAL COST, \$1385.00
Bond, limit, forfeit, none. Plans and specifications filed.

(938) LOT 11 BLK 26 E Alviso 150 N Holloway Ave., Ingleside Terrace. All work for two-story 8-room frame residence
Owner.....Frank E. Brown, Room 720 City Hall, San Francisco.
Designer...F. E. Brown.
Contractor...Schroder & McIntosh, 765 Folsom, San Francisco.
Filed Mar. 21, '14. Dated Mar. 17, '14.
Frame up\$1250
Roof on and brown coated..... 1250
Accepted 1250
Usual 35 days..... 1250
TOTAL COST, \$5000
Bond, \$250. Sureties, Atlas Planning Mill and James Cauley. Limit, 90 days.

Follow none. Plans and specifications filed.

(928) W. GILBERTERO, 116-6 N 16th St. 30 N on the front, 1 ft 4 in at about 127 feet west th at angle to south line running parallel to N line of property and 30 feet 4 inches from th E to 1st. Excavations, concrete, carpenter, mill, reinforced steel, etc., for 2-story reinforced concrete building for shipping department and cold storage.

Owner.... The Purity Ice Cream Co.
Con. Engineer.... Jas. T. Ludlow, 604 Mission, San Francisco.

Contractor, R. Glaze, Humboldt Bank Bldg., San Francisco.

Filed Mar. 21, '14. Dated Mar. 20, '14.
First floor finished.....\$1000.00
3rd floor poured.....1800.00
Completed and accepted.....637.50
Usual 35 days.....25%

TOTAL COST, \$5650.00

Bond, none. Limit, 50 days. Forfeit, \$10. Plans and specifications filed.

NOTE:—First report Mar. 21. No 905

(940) W STANYAN 393-6 2-5 S Parnassus Ave S 25xW 111-6. All work for two-story frame flats.

Owner.... Wilford H. and Mary C. Williams, 1124 Stanyan, San Francisco

Architect....None.

Contractor, J. D. Bell, Pacific Bldg. San Francisco.

Filed Mar. 21, '14. Dated Mar. 10, '14.
Frame up.....\$1324.50
Outside rustic and roof on.....1324.50
Completed.....1324.50
Usual 35 days.....1324.50

TOTAL COST, \$5298.00

Bond, none. Limit, June 1. Forfeit, none. Plans and specifications filed.

NOTE:—1st report Mar. 21, No. 895

(941) W FILLMORE 137-6 N Hayes N 30xW 137-6. All work for three-story frame stores and apartments.

Owner.... Jas. West.

Architect....F. S. Holland, 100 Haight, San Francisco.

Contractor, S. Persson & G. Petter, 1 Lick Bldg., S. F.

Filed Mar. 21, '14. Dated Mar. 21, '14.
1st floor joists in place.....\$3223
Roof boards on.....3223
Brown coated.....3223
Completed and accepted.....3224
Usual 35 days.....4300

TOTAL COST, \$17,193

Bond, \$9000. Sureties, Chas. Bennett and Edw. N. Angeltinger. Limit, 100 days. Forfeit, \$25. Plans and specifications filed.

COMPLETION NOTICES

San Francisco.

Mar. 14, 1914—SE MARKET 156 NE 11th NE 50 SE 100 NE 8-5½ S 63 m or l to N 14th at a pt 228-23. E 1m N 14th and SE Market W 44-7½ N 25-1½ NW 100. Mary Reigle to Ira W. Coburn.....Mar. 12, 1914
Mar. 14, 1914—W WHITNEY 425 S 20th S 25x125. Charles G. Anderson to Charles G. Anderson.....Mar. 14, 1914
Mar. 11, 1914—W FIFTH AVE 175 S Judah S 25xW 120. John Rench to whom it may concern.....Mar. 11, '14
Mar. 14, 1914—N GREEN 86-6 E Parker E 26 N 112-6 W 25 W 1 S 87-6. Robina R. Stack to L. A. Hin-

son.....Mar. 12, 1914
Mar. 16, 1914—NAPLES NO. 1225, being Lot 35 Blk 25, Crocker Amazon Tract, Johan Knudsen or Knudsen to whom it may concern.....Feb. 8, 1914
Mar. 16, 1914—S RIPLEY 210-3 E Alabama E 30xS 180. Edmond Grosch to Michael Breuck.....Mar. 9, 1914
Mar. 16, 1914—SE MADRID 275 NE Italy Ave NE 25xSE 100, ptn Lot 3 Blk 10 Excel Hd. Frank A. Anderson to Frank A. Anderson.....Mar. 1, '14
Mar. 16, 1914—E ARGUELLO BLVD NW 120½. Isalah B. Arkwright to whom it may concern.....Mar. 14, 1914
Mar. 16, 1914—N McALLISTER 30-1 W Gough W 34-11xN 100. Marks Eros to Henry Ernst & Son, Mar. 781-1 N Geary S 26-6 E 120 N 21-35 11; Matthies & Griffith.....Mar. 7, 1914
Mar. 17, 1914—SW SEA CLIFF AND 21st Ave, which pt is N 62 28 min W 6.66 from a stone monument on W 27th Ave situate at W end Sea Cliff Ave and running from starting pt N 3 deg 21 min W 175.64 to tide water of Pacific Ocean th following said line of tide water S 59 deg 45 min E 30.48 N 69 deg 45 min E 40.55 to E line lot 76 th leaving said tide water S 3 deg 23 min E 167.06 to N Sea Cliff Ave th along Sea Cliff Ave S 83 deg 32 min W 64.29 lot 76 and land adjacent thereto on West. Mary E. Doble to Fred J. II Rickon.....Dec. 31, 1913
Mar. 17, 1914—N BUSH adj. E side of Mills Bldg with frontage on Bush of 68-9. Ogden Mills to The Clinton Fireproofing Co.....Mar. 14, '14
Mar. 17, 1914—LOT 43 BLK 25 Crocker Amazon Tract. John Miller to L. L. and A. P. Allen.....Mar. 17, 1911
Mar. 17, 1914—S VIRGINIA AVE 70 E Prospect Ave E 23-4x75. Andrew Dahl to Gus Carlson.....Mar. 10, 1914
Mar. 17, 1914—W STANFORD 106-3 S Brannan W 80-1½xS 100. Crane Co. to Farrell & Reed.....Mar. 14, 1911
Mar. 17, 1914—N WASHINGTON 145 W Drumm N 120 W 40 S 60 E 20 S 60 E 20. Albert Jacobs to Thos. E. Davis & Son.....Mar. 10, 1914
Mar. 17, 1914—N GREEN 116-3¾ W Jones W 4xN 120 to Macdonay St. John McGaw to L. E. Clawson Co.....Mar. 4, 1914
Mar. 17, 1914—E NINETEENTH AVE 200 E Anza 25x120. Emil Aug. Schkade and wife Margaret F. Schkade to whom it may concern.....Mar. 16, 1914
Mar. 17, 1914—S PINE 38-6 E St. Anne E 20xS 60. E. H. Dettner to C. E. McMullin & Co.....Mar. 14, 1914
Mar. 17, 1914—SE WANDA 125 NE Onondaga Ave NE 25xSE 100; SE Wanda 175 NE Onondaga Ave NE 25xSE 100. John S. Purcell to whom it may concern.....Mar. 16, 1914
Mar. 18, 1914—N ELLIS 97-6 W Mason W 40xN 60. Charles C. Judson Co. to Smith & Johnson.....Mar. 12, 1914
Mar. 18, 1914—N TWENTY-NINTH 230 E Castro E 25xN 114. Arthur J. McDevitt to whom it may concern.....Mar. 14, 1914
Mar. 18, 1914—E TWENTIETH AVE 125 S California S 25x E 120. J. M. Peters to whom it may concern.....Mar. 17, 1914
Mar. 18, 1914—W THIRTY-SEVENTH Ave 25 Irving N 150xW 120. Lincoln U. Grant to whom it may concern.....Mar. 18, 1914
Mar. 19, 1914—NW NATOMA 175 NE

11th NE 25xNW 75.5 Michael Donovan to Segurson Bros.....Mar. 14, 1914
Mar. 19, 1914—N ANZA 107-6 E 12th Ave E 25xN 100. Leon and Fannie Willard to Oscar W. Thunberg.....Mar. 10, 1914
Mar. 19, 1914—N ANZA 82-6 E 12th Ave E 25xN 100. Leon and Fannie Willard to Oscar W. Thunberg.....Mar. 10, 1914
Mar. 19, 1914—SW BAKER & BAY E 961.52xS 618.75. Panama-Pacific International Exposition Co. to Dyer Bros Golden West Iron Works.....March 12, 1911
Mar. 19, 1914—E FILLMORE 59.075 N Bay N 106½x E 475 m or l. Panama-Pacific International Exposition Co. to W. W. Anderson Co.....Mar. 10, '14
Mar. 19, 1914—SE SEVENTEENTH and Utah 25 on 17th x 100 on Utah. Miss J. Counihan to Commercial Bldg Co.....Feb. 25, 1914
Mar. 19, 1914—E MISSISSIPPI 75 S 18th S 25x E 100. E. A. Jansen to whom it may concern.....Mar. 19, 1914
Mar. 19, 1914—S HAIGHT 90 E Clayton 28-10½x100. W. F. Windeler to A. Dahlberg.....Mar. 16, 1914
Mar. 19, 1914—W EIGHTH AVE 100 S Noriega S 25xW 120. G. Johnson to whom it may concern.....Mar. 14, '14
Mar. 19, 1914—W TWENTIETH AVE 175 S Anza 25x120. Jeanette Yates to whom it may concern.....Mar. 18, 1914
Mar. 19, 1914—E MISSION 225 N Santa Marina. B. C. and Lida Miller to B. C. Miller.....Mar. 17, 1911
Mar. 20, 1914—E HARRISON 50 S 18th S 75x E 124-3. Oakland Brewing & Malting Co. to Trevis & Pasqualetti.....Mar. 12, 1914
Mar. 20, 1914—S SUTTER 67-6 E Montgomery S 124-9 S 62-7 W 25 S 33-11½ th along Market 92-5½ N 92-6 W 50. Holart Estate Co. to Foster Vogt Co.....Mar. 12, 1914
Mar. 20, 1914—S PACIFIC 75 W Hyde S 137-6 W 62-6. Geo. E. Marshall to C. C. Cullen.....Mar. 14, 1914

LIENS FILED

San Francisco.

Mar. 14, 1914—N SACRAMENTO 67-6 E Polk E 30xN 127-8¼. Thomas J. Mannix, S. B. Kress, Ella Blackman and John Doe Blackman.....\$144
Mar. 14, 1914—S FULTON 82-6 E Gough 27-6x130. O. Giannini and A. Rotte to Ferdinand and Louis Mertens.....\$825
Mar. 16, 1914—SW FOURTH 85 NW Folsom SW 25xSW 60. Golden Gate Structural & Ornamental Iron Works vs. Isidore Rudee and Wm. Van Herik.....\$220
Mar. 17, 1914—E LEAVENWORTH 112-6 S Eddy S 25x E 87-6. Hartwood Lumber Co. vs. Burch & Hoffmann Co. and M. J. Hynes, Adm. Est. Jacob Viis, decd.....\$1045.91
Mar. 17, 1914—N FOLSOM 87-6 W 3rd 50xN 137-6. J. Marconi vs. Margaret A. Kingsland & Gust. Arlotto.....\$122.50
Mar. 17, 1914—S LINCOLN WAY 57-6 W 18th Ave W 25xN 120. Pioneer Plate & Window Glass Co. vs. Sol Getz & Son, Inc.....\$61.40
Mar. 17, 1914—S HAIGHT 31-3 E Pierce E 75xS 100. J. A. Miller vs. Chas. C. Terrill Estate Co., W. A. Terrill and C. C. Terrill.....\$375
Mar. 19, 1914—N BROADWAY 171-10½ W Grant Ave W 68-9xN 137-6.

Finmala & Seaborn vs Nellie Harris
 Antonia and Rosa Demartini. \$2436
 Mar. 19, 1914—E LEAVENWORTH
 112-6 S Eddy S 25xE 87-6. L A
 Taylor vs Terranova Bros. \$50
 Mar. 18, 1914—W BRODERICK 130 S
 Lombard S 25xW 107-6. J Sand-
 berg vs J A Cardinelli. \$36
 Mar. 19, 1914—N CALIFORNIA 112-6
 W Spruce N parallel with W
 Spruce 132-71xW 27-6. J Piconi
 vs John F Haner, James Tarbett
 and Fred Knott. \$112.50
 Mar. 19, 1914—W THIRTY-SEVENTH
 Ave 225 S Lincoln Way S 150x120.
 S Ginsberg & Co vs Lincoln U
 Grant. \$35.44
 Mar. 20, 1914—E LEAVENWORTH
 112-6 S Eddy S 25xE 87-6. 1 Epp vs
 Burch-Hoffman C o, M J Hynes,
 Adm Estate Jacob Vits. \$385

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 2 story and base, frame, \$6,000. Oakland, Cal. Architect, Albert J. Mazurette, Albany Bldg., Oakland. Owner, P. Lindeblad. The dwelling will be erected on Crofton avenue, and has been designed for an eight-room house with bath, sleeping porch and private garage. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Automatic water heaters will be specified. Bath rooms will have tile wainscot and composition floors. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and when complete work will be carried on by Day Labor.

RESIDENCE — 1 story and base, frame, \$5,500. Oakland, Cal. Architect, none. Owner, H. C. Pfirang, 5359 Shafter avenue, Oakland. The dwelling has been designed for a six-room house, and will be erected on 63rd street east of Telegraph avenue. Interior finish will be largely of pine and redwood. Hardwood floors will be used in the living room and dining room. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. The wainscot and composition floor will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. Materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$4,000. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Frederick Townsend. The dwelling will be erected in Northbrae, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCES — 2, 2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank

Bldg., Berkeley. Owner, E. L. Peters. These houses will each contain seven rooms and bath. Interiors will be finished in pine and redwood with some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have composition floors and tile wainscot. Automatic water heaters will be installed. Exterior of both houses will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame, \$4,000. Livermore, Alameda Co., Cal. Architect, Claude B. Barton, Security Bank Bldg., Oakland. Owner's name withheld. The dwelling has been designed for an eight-room house with bath and sleeping porch. Pine and redwood will be used in the interior finish. Hardwood floors and beam ceilings are specified. There will be a large open fire place in the living room with tile or brick mantel. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE — 2 story and base, frame, \$6,000. Piedmont, Alameda Co., Cal. Architect, Claude B. Barton, Security Bank Bldg., Oakland. Owner, E. L. Reed. The dwelling has been designed for a nine-room house with bath and sleeping porch. Interior finish will be largely of pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Automatic water heaters will be installed. Bath room and kitchen will have tile wainscot. Composition floor will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

APARTMENT HOUSE — 3 story and base, frame, \$30,000. Oakland, Cal. Architect, Joseph Cahen, 45 Kearny street, S. F. Owner's name withheld. The building will be erected at the corner of Perkins and Grand streets, and will cover a large area. Interior will be arranged for a number of two, three and four room suites. Interior finish will be of pine and hardwood veneer. Some oak floors will be used. Plans provide for steam heat, a hot water system and portable vacuum cleaners. Bath rooms will have tile wainscot and composition floors. All suites will be equipped with wall beds. Entrance will be finished in marble. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

CHURCH ALTERATIONS — Cost not stated. Alameda, Alameda Co., Cal. Architect, John J. Foley, 46 Kearny street, S. F. Owners, St. Joseph's Church, Father Prout in charge. A new system of heating and ventilating, an indirect system of lighting and new light fixtures will be installed. Plans for this work will be ready for figures shortly.

LODGE HALL AND STORES — 5 story and base. Class C construction, \$260,000. Oakland, Cal. Architect, Albert J. Mazurette, Albany Bldg., Oak-

land. Owners, Oakland Moose Hall Association. The exact location of the building has not been made public although it has been selected. The owners will occupy about three floors of the building, the first floor being designed for stores. Two of the upper floors will be arranged for offices or living apartments for the members, depending on the number of reservations that can be secured by the time construction work will be started. Full particulars will be given later.

MUNICIPAL AUDITORIUM — 3 story and base. Class A construction, \$1,000,000. Oakland, Cal. Architect, John J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Bids are now being taken for two alternate propositions. Proposition A for granite facing, Proposition B for limestone facing. These bids are to be opened on April 13th. On the same date bids will be opened for the architectural terra cotta work on the municipal auditorium. Plans and specifications together with full particulars can be secured from Architect J. J. Donovan, Security Bank Bldg. An official proposal appears in another column of this issue.

HOSPITAL GROUP — 1 and 4 story and base. Class A construction, \$1,500,000. Oakland, Cal. Architect, Charles Peter Weeks, Mutual Bank Bldg., S. F. Owners, Alameda County. The Alameda County Supervisors, acting with Architect Charles Peter Weeks, have appointed the staff of experts who will supervise the construction of the new Alameda County Hospital buildings. The list of appointees include the following: R. W. Myers, Oakland, electrical engineer; J. E. Davies, Berkeley, structural engineer, and R. A. Hudson, Berkeley, heating, ventilating and plumbing.

OFFICE — 1 story, frame, \$3,500. Berkeley, Alameda Co., Cal. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owners, Byron Jackson Iron Works. The building will be erected at the foot of Carlton street and has been designed as an office for the company's plant. Interior will be finished in pine. There will be modern plumbing and electric work. Exterior will be covered with galvanized iron. Plans are complete and figures are being taken.

Building Contracts Awarded Oakland.

No.	Owner	Contractor	Am't.
622	Maloon	Peterson	2350
623	Hale	Cardozo	1400
624	Oaas	Gates	1500
625	Wieben	Wieben	2400
627	Paria	Silva	1600
628	Carres	Carres	400
629	Best	Best	500
630	McKittick	Costa	1000
631	Schultz	Benassini	1000
632	Chinese M E Ch.	Thaxter	400
634	Altman	McNell	400
635	Ives	Morris	400
636	Richards	Richards	1000
637	Cox	Mazero	1000
638	Buckley	Peterson	500
641	Pfrang	Pfrang	3000
642	Hirsch	Lewis	4685
643	City of Oakland.	Zelinsky	12344
645	Jensin	Kalen	1500
646	Capwell	Schneby	1500
648	Sutton	Harris	4885
649	Jordan	Jordan	4000
650	Chambers	Anderson	3100
651	Foley	Faulkes	3165
654	Collins	Collins	2500
655	Kochlein	Eauman	400
656	Conenogd	Perazzo	400

657	Majors	Scoville	400
658	Peterson	Lewis	400
659	Kiessling	Fletcher	3000
660	Chambers	Anderson	9000
661	Friedman	Friedman	5000
662	Edwards	Edwards	1000
664	Clark	Malick	2478
665	Williams	Midgley	24000
666	Bliss	White	6400
667	Brazul	Gilbert	400
668	Cook	Cook	400
669	Schumann	Kulchar	450
670	Kennedy	Bacuss	600
671	Many	Sommerstrom	850
672	Pfrang	Pfrang	2500
673	Same	Same	2000
676	Bruce	Peterson	1675
677	Barlow	Drennan	2747
678	Malone	Peterson	2350
679	Allard	Hopper	6596
680	Harada	Harada	400
681	Goodwin	Goodwin	600

(622) N RITCHIE AVE 400 E Hillside
Oakland. One and one-half-story 7-
room dwelling.
Owner.....A. S. Maloon, Hillside and
Ritchie, Oakland.

Architect...None.
Contractor...T. S. Peterson, 2035 1/2
Parker, Berkeley.
COST, \$2350

(623) E NINETY-SIXTH AVE 75 N
Plymouth, Oakland. One-story five-
room dwelling.
Owner.....E. McHale, 9438 Sunnyside
Oakland.

Architect...None.
Contractor...J. P. Cardoza, San Leandro
COST, \$1400

(624) N E-THIRTY-EIGHTH 100 E
Division, Oakland. One-story five-
room dwelling.
Owner.....R. Oates, 4404 Evans Ave.,
Oakland.

Architect...None.
Day's work.....COST, \$1900

(625) E THIRTY-EIGHTH AVE 200
N Mera, Oakland. One-story five-
room dwelling.
Owner.....C. A. Wiehen, 2832 E-23rd,
Oakland.

Architect...None.
Contractor...Alex C. Wiehen, 2010 38th
Ave., Oakland.
COST, \$2400

(627) W KING AVE near Farnum St.,
Oakland. All work for one-story 5-
room dwelling.

Owner.....Joe Faria, Oakland.
Architect...None.
Contractor...Silva & Luzeine, Oakland.
Filed Mar. 16, '14. Dated Mar. 13, '14.
Frame up 1/4
1st coat plaster on 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$1600

Bond, \$800. Sureties, R. Galeira and
Luigi Luisvigne. Limit, 90 days after
April 1. Forfeit, \$2. Plans and speci-
fications filed.

(628) NO. 9848 E-FOURTEENTH, Oak-
land. Alterations.
Owner.....A. E. Carres, Premises.
Architect...None.
Day's work.....COST, \$400

(629) E 105TH AVE 30 S S. P. Track,
Oakland. Warehouse.
Owner.....C. L. Best Gas Traction
Co., Premises.
Architect...None.
Day's work.....COST, \$1000

(630) W SIXTY-FOURTH AVE 500 S
E-14th, Oakland. One-story 4-room
dwelling.

Owner.....Anne H. McKittrick, 1321
64th Ave., Oakland.
Architect...None.
Contractor...Manuel Costa, 1250 64th
Ave., Oakland.
COST, \$1000

(631) NO. 1325 LINDEN, Oakland.
Two-story addition.

Owner.....Herbert Scholtz, M. D.,
Premises.
Architect...None.
Contractor...Pio Benassini, 525 Boyd
Ave., Oakland.
COST, \$1900

(632) NO. 321 EIGHTH, Oakland.

Alterations.
Owner.....Chinese M. E. Church, 920
Washington, Oakland.
Architect...None.
Contractor...F. W. Thaxter, 2434 Ashby
Ave., Oakland.
COST, \$400

(634) NO. 524 E-SEVENTEENTH,

Oakland. Shed.
Owner.....D. J. and S. M. Altman,
Premises.
Architect...None.
Contractor...K. C. McGill, 541 E-17th,
Oakland.
COST, \$400

(635) NO. 6428 BENVENUE AVE.,

Oakland. Alterations.
Owner.....Miss Louise Ives, Premises.
Architect...None.
Contractor...R. Morris, 3911 Maybelle
Ave., Oakland.
COST, \$100

(636) 516 15TH STREET, Oakland.

Alterations.
Owner.....Grace Richards and Mary
E. Wetmore.
Architect...Chas. Maw, Macdonough
Bldg., Oakland.
Day's work.....COST, \$1000

(637) N WILLIAM ST., 160 W. Bird-
sall avenue, Oakland. One-story four-
room dwelling.

Owner.....J. Alice Cox, 1700 Stei-
way, Oakland, and Cuddy
Mazzery, 2112 Hyde, S. F.
Architect...None.
Day's work.....COST, \$1000

(639) 701 BERLIN ST., Oakland. Al-
terations.

Owner.....W. H. Buckley, S. F.
Architect...None.
Contractor...W. F. Paterson, 1225 97th
avenue, Oakland.
COST, \$500

(641) N 63RD ST., 250 E Telegraph
avenue, Oakland. One-story, six-
room dwelling.

Owner.....H. C. Pfrang, 5359 Shafter
avenue, Oakland.
Architect...None.
Day's work.....COST, \$3000

(642) CENTER LINE COUNTY ROAD
leading from Centerville to Irvington
60 E E Cor. land conveyed to Manuel
Lewis by deed recorded in Livre 99 of
Deeds Page 151 SW 3.30 ch SE 65 ft
except such ptn of premises included
in said County Road, Centerville. All
work for two-story dwelling and gar-
age.

Owner.....O. N. Hirsch, Centerville.
Architect...A. L. Sunderer.
Contractor...Lewis & Silva, Centerville.

Filed Mar. 17, '14. Dated Mar. 14, '14.
Frame up and roof sheathed....\$1150
Brown coated 1150
Completed and accepted..... 1150
Usual 35 days..... 1235

TOTAL COST, \$4685
Bond, \$1200. Sureties, P. C. Hansen and
James B. Fair. Limit, 90 days. For-
feit, \$2.50. Plans and specifications filed

(643) FOURTEENTH AND WASH-
ington, Oakland. Painting City Hall.
Owner.....City of Oakland.
Architect...None.

Contractor...D. Zelinsky, 564 Eddy,
San Francisco.
COST, \$13840

(645) W SIXTY-SEVENTH AVE 300
N Flore, Oakland. One-story four-
room dwelling.

Owner.....P. Jensen, 130 Moss Ave.,
Oakland.
Architect...None.
Contractor...H. Kaler, 10036 Pearman,
Oakland.
COST, \$1500

(646) FIFTEENTH, bet. Washington

and Clay, Oakland. Alterations.
Owner.....H. C. Capwell Co., Prem.
Architect...None.
Contractor...Schnebly Hostrawser &
Pedgrift, 6th and Jackson,
Oakland.
COST, \$1500

(648) N MELFORD ROAD 75 E Ken-
yon Road, Oakland. Two-story 9-
room dwelling.

Owner.....J. R. Sutton, 362 Edwards
street, Oakland.
Architect...None.
Contractor...D. F. Harris, 1303 Garrison
street, Oakland.
COST, \$4885

(649) W WARFIELD AVE 40 S Cot-
tage, Oakland. Two-story 7-room
dwelling.

Owner.....F. R. Jordan, Security Bk.
Bldg., Oakland.
Architect...A. W. Smith, 1610 Broad-
way, Oakland.
Day's work.....COST, \$4000

(650) SW MONTE CRESTO AVE 61 NW
Kingston Ave NW 60xSW 120, Oak-
land. All work except painting,

plumbing and heating for two-story
attic and basement dwelling.

Owner.....Mrs. Elizabeth Chambers,
Oakland.
Architect...David C. Coleman, Mer-
chants' National Bk. Bldg.,
San Francisco.

Contractor...Gustave Anderson, 2330
24th, San Francisco.

Filed Mar. 18, '14. Dated Mar. 16, '14.
Frame up and sheathed..... 1/4
Plastered 1/4
Completed and accepted..... 1/4
30 days after 1/4

TOTAL COST, \$8100
Bond, \$4050. Surety, Fidelity & De-
posit Co. Limit, 90 days. Forfeit, \$5.
Plans and specifications filed.

(651) E MATHER, junction with Ter-
race, Oakland. All work for two-
story frame dwelling.

Owner.....J. J. Foley, Piedmont.
Architect...None.
Contractor...John R. Faukes, 9828 E-
14th, Oakland.

Filed Mar. 18, '14. Dated Mar. 17, '14.
Frame up and rafters placed....\$790

1st coat plaster on..... 790
Completed 790
Usual 35 days..... 795
TOTAL COST, \$3165
Bond, none. Limit, 90 days after April 1. Forfeit, none. Plans and specifications, none.

(654) NE EL CERRITO & RICARDO, Piedmont. One-story residence.
Owner.....Joe T. Collins, 825 57th, Oakland.
Architect...None.
Contractor...Collins Bros., 825 57th, Oakland.
COST, \$2500

(655) NO. 4751 E-FOURTEENTH, Oakland. Alterations and repairs.
Owner.....Kochlein Estate, Premises.
Architect...None.
Contractor...Bauman & Pritchard, 6230 Bromley Ave., Oakland.
COST, \$400

(656) NO. 343 165TH AVE., Oakland. Green house.
Owner.....S. Conenogd.
Architect...None.
Contractor...Emil Perazzo, Premises.
COST, \$400

(657) FIFTY-FIFTH, bet. Vincinate & Claremont, Oakland. Barn and shed.
Owner.....Dr. E. A. Majors, Dalziel Bldg., Oakland.
Architect...None.
Contractor...C. A. Scoville.
COST, \$400

(658) NO. 428 ATHOL AVE., Oakland. Alterations.
Owner.....W. J. Peterson, Premises.
Architect...None.
Contractor...C. H. Lewis, 1500 39th Ave. Oakland.
COST, \$400

(659) S FORTY-FOURTH 785 E Grove Oakland. One and one-half-story 7-room dwelling.
Owner.....Miss Lou Klessling, S. F.
Architect...None.
Contractor...Pletter & Winlund, Plaza Bldg., Oakland.
COST, \$3000

(660) S MONTE CRISTO 60 W Kingston, Oakland. Two-story 14-room dwelling and garage.
Owner.....Elizabeth Chambers, Okd.
Architect...D. C. Coleman, Merchants National Bank Bldg., S. F.
Contractor...Gustave Anderson.
COST, \$9000

(661) N FORTY-FIRST 540 W Telegraph Ave., Oakland. Two-story 16 room flats.
Owner.....A. Friedman, 1492 Harrison, Oakland.
Architect...None.
Day's work.
COST, \$5000

(662) NO. 1730 E-SEVENTEENTH, Oakland. Alter dwelling into flats.
Owner.....C. H. Edwards, Premises.
Architect...None.
Day's work.
COST, \$1000

(664) N E-FOURTEENTH 44 E 84th Ave., Oakland. Nickelodeon.
Owner.....Wm. H. Clark, 8402 E-14th, Oakland.
Architect...None.
Contractor...Malick & Begin, 2000 90th Ave., Oakland.
COST, \$2478

(665) E FRANKLIN 256 N 14th, Oakland. Brick photo theatre.
Owner.....Thos. S. Williams, 693 Mission, San Francisco.
Architect...C. H. Miller, Dalziel Bldg. Oakland.
Contractor...C. W. Midgeley, Dalziel Bldg., Oakland.
COST, \$24,000

(666) LOT 75 AMENDED MAP ALTA Piedmont Tract, Piedmont. All work for two-story and basement frame dwelling.
Owner.....W. S. Bliss, 785 Market, San Francisco.
Architect...Bliss & Faville, Balboa Bldg., San Francisco.
Contractor...George M. White.
Filed Mar. 18, '14. Dated Mar. 18, '14.
Excavation completed and frame material on ground..... 1/4
Frame up 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$6400
Bond, \$3200. Surety, Pacific Coast Casualty Co. Limit, July 15, Forfeit, \$5. Plans and specifications filed.

(667) NO. 134 FIFTH, Oakland. Addition.
Owner.....Lucretia Brazul, Premises.
Architect...None.
Contractor...E. C. Gilbert, 604 34th, Okd.
COST, \$400

(668) S BOND 108 E 45th Ave., Oakland. One and one-half-story three room dwelling.
Owner.....Chas. Cook, 4515 Bond St., Oakland.
Architect...None.
Day's work.
COST, \$400

(669) NO. 1522 BROADWAY, Oakland. Alterations.
Owner.....L. Suchman, 1314 Broadway, Oakland.
Architect...None.
Contractor...S. Kulchar, 518 4th, Okd.
COST, \$450

(670) NO. 331 SEVENTH, Oakland. Fire repairs.
Owner.....F. J. Kennedy, 1333 Poplar Oakland.
Architect...None.
Contractor...Baccus & Kennedy, 954 Rose Ave., Piedmont.
COST, \$600

(671) NO. 2914 GROVE, Oakland. Alterations.
Owner.....Jacob Many, Premises.
Architect...None.
Contractor...Sommarstrom Bros., 202 E 14th, Oakland.
COST, \$850

(672) E SIXTY-FOURTH AVE 135 N Arthur, Oakland. One-story 5-room dwelling.
Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.
Architect...None.
Day's work.
COST, \$2500

(675) N IGNACIO 140 E Cole, Oakland. One-story fire-room dwelling.
Owner.....East Bay Home Bldrs, 1754 Broadway, Oakland.
Architect...None.
Day's work.
COST, \$2000

(676) E THIRTY-NINTH AVE 140 S Santa Maria, Oakland. One-story 5-room dwelling.

Owner.....J. R. Bruce, 1657 7th, Okd.
Architect...None.
Contractor...L. S. Peterson, 2035 1/2 Parker, Berkeley.
COST, \$1675

(677) N GARLAND 125 E Fairmont Ave E 46th 161, Oakland Tp. All work for one-story and basement dwelling.
Owner.....H. Barlow, Oakland.
Architect...None.
Contractor...M. Drennan, 3338 Arkansas Oakland.
Filed Mar. 20, '14. Dated Feb. 26, '14.

Frame up 1/4
Brown coated 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$2747.50
Bond, none. Limit, 75 days after Feb. 26. Forfeit, none. Plans and specifications filed.

(678) N RITCHIE AVE 240 E Hillside Oakland. All work for one and one-half-story 7-room dwelling.
Owner.....Arthur S. Maloon, Hillside and Ritchie, Oakland.
Architect...None.
Contractor...Lorraine S. Peterson, 2033 1/2 Parker, Oakland.
Filed Mar. 20, '14. Dated Mar. 12, '14.

Frame up \$500
Plastered 600
Completed 400
Usual 35 days..... Deed to Lot 12 Blk B Macey Tract, Oakland.
TOTAL COST, \$2350

Bond, none. Limit, 90 days. Forfeit, \$8. Plans and specifications, none.
(679) LOT 89 Map Crocker Highlands, Oakland. All work for two-story 7-room frame dwelling.
Owner.....Frederick A. Allardt, Oakland Bank of Svcs, Okd.
Architect...Milwain Bros., Delger Bldg., Oakland.
Contractor...M. E. Hopper, 90 Glen Ave Oakland.
Filed Mar. 21, '14. Dated Mar. 20, '14.

1st floor joists on..... \$ 696
Frame up 1250
Plastered 2 coats inside and 1 coat outside 1250
Completed and accepted..... 1250
Usual 35 days..... 1250
TOTAL COST, \$5696
Bond, \$2850. Surety, U. S. Fidelity & Guaranty Co. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(680) NO. 244 WALSWORTH AVE., Oakland. Alterations.
Owner.....I. Harada, Premises.
Architect...None.
Day's work.
COST, \$400

(681) NO. 444 TWENTY-FOURTH, Oakland. Repairs.
Owner.....H. L. Goodwin.
Architect...None.
Day's work.
COST, \$600

Building Contracts Awarded

Berkeley.

No.	Owner	Contractor	Amt.
621	Berkeley	Clinton	30000
626	Henderson	Franklin	1000
633	Nichelmann	Ofc	1000
638	Stuart	Stuart	600
640	Welcher	Engler	100
644	Bkly Dev	Madison	4500
647	Polman	Satten	1200
652	Boyd	Dildine	3475
653	Havens	Broad	400



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San Francisco

663 PetersonLehre 700
673 SargentDe Kay 2500
674 East Hm Bldrs.....Owner 1500

(621) W DURANT 193.36 E Shattuck
Ave., Berkeley. Two-story Class "C"
fire house.

Owner.....City of Berkeley.
Architect...W. H. Ratcliff Jr., 1st
Contractor..Clinton Fireproofing Co.,
211 Mutual Bank Bldg.,
San Francisco.

COST, \$30,000

(626) S VIRGINIA 280 W Shattuck
Ave., Berkeley. Alterations.

Owner.....W. D. Henderson, 2022
Virginia, Berkeley.
Architect...None.

Contractor..Jno Franklin, 2324 Roose-
velt Ave., Berkeley.

COST, \$1000

(633) W KING 140 N Ashby Ave., Ber-
keley. One-story 4-room dwlg.

Owner.....T. Niehlmann, 1653 Ashby
Ave., Berkeley.

Architect...None.

Contractor..F. Offe, 1025 Bristol, Bkly.
COST, \$1000

(638) E McGEE, 134 N Dwight Way,
Berkeley. One-story three-room add.

Owner.....R. B. Stewart, 2435 McGee
avenue, Berkeley.

Architect...None.

Day's work. COST, \$600

(640) N W COR. ELLSWORTH and
Durant, Berkeley. One-story temp.
auditorium.

Owner.....Mrs. Welcher.

Architect...None.

Contractor..Louis Engler, 2721 Haste,
Berkeley.

COST, \$1000

(Correction in Architect's Name.)

(644) N MAIN AVE 337 E The Alame-
da, Berkeley. Two-story seven-
room dwelling.

Owner.....Berkeley Development Co.,
Shattuck Ave & Addison,
Berkeley.

Architect...H. H. Gutterson, 80 Post,
San Francisco.

Contractor..C. R. Madison, 2905 Deakin
Berkeley.

COST, \$4500

(647) NO. 2215 GROVE, Berkeley. Ad-
dition to flats.

Owner.....H. W. Pollman, Kiltbridge
Apartments, Berkeley.

Architect...None.

Contractor..H. J. F. Satten, 2536 Chil-
ton Way, Berkeley.

COST, \$1200

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day, the WYBRO Panels have won the
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are no better panels made.

(652) LOT 14 BOYD COURT being E
Claremont Ave 58 N Eton Court, Ber-
keley. All work for two-story and
basement frame dwelling.

Owner.....P. O. Boyd and Thomas M.
Antone.

Architect...Geo. Anderson, 6046 Law-
ton Ave., Oakland.

Contractor..Verne Dildine.

Filed Mar. 17, '14. Dated Mar. 17, '14.

Frame up 1/4

Brown coated 1/4

Completed and accepted..... 1/4

Usual 35 days..... 1/4

TOTAL COST, \$3475

Bond, \$1738. Surety, Aetna Accident &
Liability Co. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

(653) SHATTUCK AVE AND KITT-
ridge, Berkeley. Repair.

Owner.....J. W. Havens.

Architect...None.

Contractor..A. H. Broad, 2117 Kitt-
ridge, Berkeley.

COST, \$400

(663) E CURTIS 144 N Francisco,
Berkeley. One-story 3-room dwlg.

Owner.....S. Peterson, 1205 Fran-
cisco, Berkeley.

Architect...None.

Contractor..F. A. Lehre, 3023 High,
Oakland.

COST, \$700

(673) E WALNUT 300 S Vine, Berkeley
Two-story 6-room dwelling.

Owner.....B. F. Sargent, 1522 Walnut,
Berkeley.

Architect...None.

Contractor..De Kay & Co., 2000 Shat-
tuck Ave., Berkeley.

COST, \$2500

(674) W MCKINLEY AVE 339 S Chan-
ning Way, Berkeley. One-story five-
room dwelling.

Owner.....East Bay Home Bldrs, 1754
Broadway, Oakland.

Architect...None.

Day's work. COST, \$1500

COMPLETION NOTICES.

ALAMEDA COUNTY.

Mar. 14, 1914—N CENTRAL AVE
243-2 E 5th N 100xE 34, Ala. W G
Le Boyd to whom it may concern

Mar. 14, 1914—W CENTRAL COURT

100 N Central Ave W 76xN 20, Ala.

W G Le Boyd to whom it may concern

Mar. 14, 1914—LOT 16 BLK "A" Map

Triangle Park Tract, Bkly. H

E. H. Williams

Chalmer Munday

Munday & Williams

Attorneys-at-Law

Special Attention Given to Building
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615 Phelan Building, San Francisco

Goranson to whom it may concern

Mar. 14, 1914—LOT 22 BLK 4, Map

Northbrae, Bkly. California Door

Co vs J Brown Schuyler, Gertrude

Schuyler and Interurban Home

Mar. 17, 1914—LOT 16 Map Woodhine

Court, Okd. Charles W Reed to

whom it may concern.....Mar. 16, 1914

Mar. 17, 1914—SW 35 LOT 40 BLK 1

Map Boulevard Park, Brooklyn Tp.

Carl W Bold to Bold & Son.....

Mar. 14, 1914

Mar. 17, 1914—S FORTY-SECOND 271

W Webster 40x72, Okd. Marie B

Rivera to L G Geary.....Mar. 17, 1914

Mar. 17, 1914—S SHATTUCK AVE

123-2 N Dwight Way E 119 N 45 W

116 S 45x2, Bkly. J P and Annie

Sather to Geo F King.....Mar. 16, 1914

Mar. 16, 1914—S FIFTY-SEVENTH

318 W Shattuck Ave W 34xS 77,

Okd. Matthew Klein to whom

it may concern.....Mar. 14, 1914

Mar. 18, 1914—LOT 27 Home View

Tet, Bkly. Jane M Golden (by Wm

M Lyons) to Jacob Kollmer.....

March 5, 1914

Mar. 18, 1914—LOT 46 BLK 5 Melrose

Heights, Okd. Mary L Piersol to

Gordon J Wisner.....Mar. 18, 1914

Mar. 18, 1914—PTN PLOT "J" OF

Rancho Las Positas, Ala. Coast

Mfg & Supply Co to C H Rasmus-
senMar. 12, 1914

Mar. 18, 1914—NE SEVENTEENTH

and Broadway N 60xE 56-2, Okd.

Lucey Fay Thomson (by P J Walker

Co, Agent) to National Furring &
Lathing Co.....Mar. 13, 1914

Mar. 18, 1914—N TWENTY-FOURTH

and W Broadway th along Broad-
way 61-42 W 111-42 N 59-50 W 40 S

119 E 136-25, Okd. Broadway De-
velopment Co to Bruce B Burnett

.....March 9, 1914

Mar. 19, 1914—S E-THIRTY-EIGHTH

90 W Randolph, Okd. Albert Ham-
marberg to whom it may concern

.....March 7, 1914

Mar. 19, 1914—LOT 21 BLK 13 Map

Northbrae, Okd Tp. Patrick Nel-
son Bldg Co to whom it may concern

.....March 18, 1914

Mar. 20, 1914—SW GREENBANK AVE

404.59 NW Pleasant Valley Ave

NW 9.56 NW 36.40 SW 98.44 SE

45.58 NE 102.36, Okd. Tp. Louis

Johnson to whom it may concern

.....March 20, 1914

LIENS FILED.

ALAMEDA COUNTY.

Mar. 14, 1914—LOT 2 BLK 16 Map

Northbrae, Bkly. Maxwell Har-
ware Co vs Interurban Home Bldrs

and J Brown Schuyler.....\$32.10

Mar. 14, 1914—LOT 22 BLK 4 Map Northbrae, Bkly. Maxwell Hardware Co vs Interurban Home Builders and J Brown Schuyler.....\$23.45

Mar. 14, 1914—SE SYBIL AVE AND E-14th 178x60, San Leandro. Joseph Crudo to Emil Storz.....Mar. 14, 1914 Builders\$114.25

Mar. 16, 1914—LOT 20 BLK 4 Map Northbrae, Bkly. California Door Co vs J Brown Schuyler, Gertrude Schuyler and Interurban Home Builders\$126

Mar. 16, 1914—LOT 2 BLK 16 Map Northbrae, Bkly. California Door Co vs J Brown Schuyler, Gertrude Schuyler and Interurban Home Builders\$126

Mar. 16, 1914—NINTH AVE NO. 2524, Okd. Spott Bros vs Joseph and M P Graves and The Realty Syndicate\$75

Mar. 16, 1914—LOT 4 BLK 16 Map Northbrae, Bkly. California Door Co vs J Brown Schuyler, Gertrude Schuyler and Interurban Home Bldrs\$149

Mar. 17, 1914—NE BROOK 80 SE Broadway SE 47.59xSW 112.36, Okd N Lena vs E T Harfst.....\$10

Mar. 19, 1914—SW 107TH AVE AND Pontiac W 58x112, Okd. Justus Norris vs C L Bouton and Nannie Calching\$252

Mar. 19, 1914—LOT 4 BLK 9 Map Claremont, Bkly. James Davis vs Helena K Bowman, J A C Bowman and Bay Cities Bldg Co.....\$41.73

Mar. 19, 1914—NE TWENTIETH & San Pablo Ave 61.8x45.58, Okd. C Carnevali Marble & Mosaic Co vs Margaret F Maurer, May Virginia Gray and McLeran & Peterson.....\$196.50

Mar. 20, 1914—E WOODRUFF AVE 275 N E-38th N 40x100, Okd. J H Parks vs John Doe Graves and M T Graves\$47.60

SAN JOSE AND THE SANTA CLARA VALLEY,

BUNGALOW—1 story and base, frame, \$2,000. San Jose, Santa Clara Co., Cal. Architect, none. Owner, A. M. Elliott, 589 South Orchard street, San Jose. The dwelling has been designed for a six-room house with bath. Interior finish will be of tile and redwood. Some oak floors will be used. There will be an open fire place in the living room. Mantel will be of tile or brick. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster. Plans are complete and work will be done by Day Labor.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

LOT 15 BLK 29 Naglee Park Lot, San Jose. All work and material except hardware (furnished by owner) for dwelling.

Owner.....J. W. Harrenstein, S. J. Architect.....T. D. and C. J. Wolfe, 1st National Bank, San Jose.

Contractor.....C. F. Keesling, 347 Coe Ave., San Jose.

Filed Mar. 10, '14. Dated Mar. 10, '14.

Frame up\$737.25

1st coat plaster on\$737.25

Building completed\$737.25

Usual 35 days\$737.25

TOTAL COST, \$2949.00

Bond, \$1474.50. Sureties, E. and G. L. Keesling, Limit, 70 days. Forfeit, \$5. Plans and specifications filed.

PART BLK 12 SOUTH RANGE 2 West of the Jas. Lick Homestead Tract. Santa Clara. All work for five-room bungalow.

Owner.....S. Rogers.

Architect.....None.

Contractor.....R. L. Carter.

Filed Mar. 9, '14. Dated Mar. 7, '14.

Frame up\$183.75

Brown mortar on483.75

When completed483.75

Usual 35 days483.75

TOTAL COST, \$1935.00

Bond, limit, forfeit, none. Plans and specifications filed.

NO. 46 S-THIRTEENTH, San Jose. Two-story residence and garage.

Owner.....J. W. Harriestein, 161 S-11th St., San Jose.

Architect.....None.

Contractor.....C. F. Keisling, 347 Coe Ave., San Jose.

COST, \$3100

S SAN CARLOS, 2nd Lot E of 5th St., San Jose. One and one-half-story garage.

Owner.....B. W. Lorigan, 19 N-First St., San Jose.

Architect.....None.

Day's work.....COST, \$800

W TWELFTH, 3rd Lot N of Virginia St., San Jose. Five-room cottage.

Owner.....A. A. Fay, 1081 S-7th St., San Jose.

Architect.....None.

Day's work.....COST, \$7800

W SEVENTH, bet Santa Clara and San Fernando Sts., San Jose. One-story church.

Owner.....Seventh Day Adventist Society, Premises.

Architect.....None.

Contractor.....C. C. Lewis, 447 S-13th St., San Jose.

COST, \$3500

NO. 414 S-FOURTEENTH ST., San Jose Two-room sleeping porch.

Owner.....George E. Powell, Prem.

Architect.....None.

Day's work.....COST, \$30

NO. 125 E-SAN SALVADORE ST., San Jose. Remodeling one and one-half-story residence.

Owner.....Mrs. Mary Farney, Milpitas Road.

Architect.....None.

Contractor.....Frank Davis, 297 S-12th St., San Jose.

COST, \$1000

E THIRD, bet William and Reed Sts., San Jose. Six-room cottage.

Owner.....A. Armstrong, San Jose Creamery.

Architect.....C. S. McKenzie, San Jose Bank Bldg, San Jose

Contractor.....G. W. Garvin, 535 S-Third St., San Jose.

COST, \$250

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED ACCEPTED

Mar. 9, 1914—LOT 10 BLK 62 Reeds Addition, San Jose. Paul Pebella to T J Scherrebeck.....Mar. 7, 1914

Mar. 9, 1914—LOT 4 Mitchell's Add'n Los Gatos. Delphine Sisco to D A Charlier.....Mar. 2, 1914

Mar. 10, 1914—O'CONNOR'S SANITARIUM, San Jose. Mrs. A M O'Connor to J H Miller.....Mar. 4, 1914

Mar. 11, 1914—PART LOT 2 BLK 12 University Survey, Santa Clara. R M Fisher to F L Hoyt.....Mar. 9, 1914

Mar. 12, 1914—N-SIXTEENTH, bet Washington and Empire, San Jose. Ed Smith to whom it may concernMarch 9, 1914

LIENS FILED.

SANTA CLARA COUNTY.

RECORDED AMOUNT

Mar. 7, 1914—LOT 10 Maybury Tract, San Jose. S H Chase Lumber Co vs J H Preston and Elsie A Preston\$1073.43

Mar. 10, 1914—N-THIRD NO 551, San Jose. Borchers Bros vs J H Preston and Elsie A Preston.....\$74.90

Mar. 11, 1914—NO. 551 N-THIRD, San Jose. Ed Timlin vs J H Preston and Elsie A Preston.....\$130

Mar. 13, 1914—LOT 12 BLK 4 Randal Michael Bros vs M E Viera.....\$142.55

Mar. 17, 1914—NO. 551 N-THIRD, Lot 10 Maybury Tract, San Jose. Sdvyn, San Jose. Hubbard & Car-Frank Cox vs J H and Elsie A Preston\$216

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

APARTMENT HOUSE ALTERATIONS—3 story, frame, \$6,000. Richmond, Contra Costa Co., Cal. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owner's name withheld. The building to be altered is now being used as a hospital. Included in the work will be new interior partitions, interior finish, plumbing, painting, electric work and plastering. Exterior of the building will be covered with a new coat of cement plaster on metal lath. Plans are being prepared.

BUILDING CONTRACTS.

MARIN COUNTY.

SHORT'S ADD'N, San Rafael. Excavating, concrete, plastering and carpenter work for building.

Owner.....Lionel S. Smith, San Rafael.

Architect.....None.

Contractor.....L. E. Warden, San Rafael.

Filed Mar. 17, '14. Dated ———.

Frame up\$667.50

Brown coated667.50

When completed667.50

Usual 35 days667.50

TOTAL COST, \$2670.00

Bond, \$2670. Sureties, R. H. Warden and E. S. Rake. Limit, 90 days. Forfeit, none. Plans and specifications filed

N FERN ROAD, Ross, Marin County. All work for one-story frame building with Cellar.

Owner.....E. P. McInerney.

Architect.....W. G. Garden Mitchell, 712 Market, San Francisco and Charles Ed. Hodges, Bankers' Invest Bldg., S. F.

Contractor.....Benton, Dillon & Benton.

Filed Mar. 11, '14. Dated ———.

Frame up25%

Brown coat on25%

When Completed 25%
 Usual 35 days..... 25%
TOTAL COST, \$3710
 Bond, \$1850. Surety, Chicago Bonding
 & Surety Co. Limit, 75 working days.
 Forfeit, none. Plans and specifications
 filed.

BUILDING CONTRACTS. CONTRA COSTA COUNTY.

LOT 26 BLK 115, City of Richmond.
 All work for one-story and attic
 house.
 Owner.....W. F. McPhail.
 Architect.....None.
 Contractor.....A. W. Josselyn, Richmond.
 Filed Mar. 13, '14. Dated Mar. 5, '14.
 Frame up and rafters on.....\$318.75
 Roof covered 348.75
 Plastering done 318.75
 Usual 35 days.....Balance
TOTAL COST, \$1395.00
 Bond, \$700. Surety, E. M. Tilden.
 Limit, forfeit, none. Plans and speci-
 fications filed.

LOTS 32 AND 34 BLK 15, Brown & An-
 drade Tract. All work for one-story
 frame bungalow.
 Owner.....Rose E and J. W. Jones,
 150 11th, Oakland.
 Architect.....W. E. La Riviere, 3341
 Octavia St., Oakland.
 Contractor.....W. E. La Riviere, 3341
 Octavia St., Oakland.
 Filed Mar. 10, '14. Dated Feb. 21, '14.
 Frame work erected.....\$625
 Enclosed and 1st coat plaster on 475
 Entire work completed..... 475
 Usual 35 days..... 475
TOTAL COST, \$2000
 Bond, none. Limit, 60 days. Forfeit,
 none. Plans and specifications filed.

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
 Mar. 3, 1914—TOWN OF CONCORD,
 Olsen Subdiv. Lars Olsen to H F
 Smith.....Feb. 28
 Mar. 13, 1914—12 ACRES ON SAN
 Pablo Creek near Town of San
 Pablo, Hercules Powder Co to A
 W Josselyn.....Mar. 1, 1913

RELEASE OF LIENS.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
 Mar. 9, 1914—LOT 23 BLK 20 Brown
 Andrade Tract. F P Allen, \$85;
 W H Brown, \$18 to Herbert F
 Brown Inc, D D Heagerty, R F
 English and Home Bldrs Co.....

FRESNO, MODESTO, STANIS- LAUS AND CENTRAL CALIFORNIA.

RESIDENCE—2 story and base,
 frame, \$8,500. Turlock, Stanislaus Co.,
 Cal. Architect, A. V. Scheppelman.
 Turlock. Owner, J. E. Weaver. The
 dwelling has been designed for a nine-
 room dwelling and will be finished in
 pine and hardwoods. Oak floors will
 be used in the principal rooms. There
 will be furnace heat and open fire
 places. Mantels will be of tile or
 brick. Bath room will have the wains-
 cot and composition floor. An auto-
 matic water heater will be installed.
 Exterior of the house will be covered

with cement plaster on metal lath.
 Plans are complete and figures are be-
 ing taken.

SCHOOLS—6, 1 and 2 story, brick or
 reinforced concrete. Fresno, Fresno
 Co., Cal. Architect W. D. Coates, of
 the firm of Coates & Traver, Addison-
 Head Bldg., S. F., has been selected to
 act as supervising architect for the
 new Fresno schools. Mr. Coates was
 formerly State Architect. Architects
 from Fresno and elsewhere will sub-
 mit plans for the new buildings.

SCHOOL—2 story and base, brick,
 \$10,000. Corcoran, Kings Co., Cal. Ar-
 chitect, J. Carl Thayer, Forsythe Bldg.,
 Fresno. Owners, Corcoran Union High
 School District. This building was
 mentioned here when Mr. Thayer was
 first commissioned to prepare plans.
 Bids have been taken and were opened
 by the Board of Education on Tuesday
 night. A complete list of the figures
 will appear in the next issue of the
 Building and Industrial News.

Contracts Awarded.

SCHOOL—2 story and base, brick,
 \$10,000. Sanger, Fresno Co., Cal. Ar-
 chitects, Swartz, Hotchkin & Swartz,
 Rowell Bldg., Fresno. Owners, Sanger
 Union High School District. Contrac-
 tors, Trewhitt & Shields, Fresno, gen-
 eral construction. Contract price, \$37,-
 700. Visalla Plumbing Co., heating
 and ventilating, \$1,500.

BUILDING CONTRACTS.

FRESNO COUNTY.

LOTS 31, 32 BLK 1 Hartley Add'n.,
 Fresno. All work for frame dwlg.
 Owner.....Samuel Ingels, Fresno.
 Architect.....None.
 Contractor, J. H. Phillips, Fresno.

Filed Mar. 10, '14. Dated Mar. 10, '14.
 Foundation in \$65
 Roof on 690
 When plastered 685
 Usual 35 days..... 690
TOTAL COST, \$2750
 Bond, \$1500. Sureties, Chas. Dechant
 and J. M. Hicks. Limit, May 10. For-
 feit, none. Plans and specifications
 filed.

CENTRAL PART OF LOTS 13, 14, 15, E
 8 feet LOT 16 BLK 8, Central Add'n.,
 Fresno. All work for two-story (1)
 flat building.

Owner.....W. P. Cutting, Fresno.
 Architect.....None.
 Contractor, C. Samuelson, Fresno.
 Filed Mar. 11, '14. Dated Mar. 11, '14.
 Shingles on \$1462.50
 Completion of plastering..... 1462.50
 Completion of dwelling..... 1462.50
 Usual 35 days..... 1462.50
TOTAL COST, \$5850.00
 Bond, \$2975. Sureties, H. A. Hansen
 and B. S. Greenwood. Limit, June 15.
 Forfeit, none. Plans and specifications
 filed.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

CHURCH—1 story and base, frame
 and plaster, \$10,000. Lakeport, Lake
 Co., Cal. Architect, John J. Foley, 46
 Kearny street, S. F. Owners, Fran-
 ciscan Fathers Church of Lakeport.
 Architect Foley has just been com-
 missioned to prepare plans for a new
 church, which will be designed in the
 Elizabethan style. The main audi-

torium will seat 400 people. Besides
 this room there will be Sunday school
 rooms and social hall. A hot air sys-
 tem of heating will be installed. In-
 terior will be finished in pine with
 ornamental plaster. Exterior of the
 building will be covered with cement
 plaster on metal lath. Working draw-
 ings are now being prepared.

HOSPITAL ELEVATOR WORK—
 Cost not stated. Stockton, Cal. Ar-
 chitect, State Department of Engineer-
 ing, Sacramento. Owners, State of
 California. Bids will be opened on
 April 21st by the State Board of Con-
 trol for the installation of a passen-
 ger elevator in the Female Building
 at the Stockton State Hospital. Plans
 and specifications together with com-
 plete particulars can be secured from
 the State Department of Engineering,
 Sacramento. An official proposal ap-
 pears in another column of this issue.

RESIDENCES—1 and 2 story, frame.
 Cost not stated. Sacramento, Cal.
 Architect, none. The following Day
 Labor jobs are reported as about to
 be started in Sacramento: Mrs. A. M.
 Daly, 3230 Magnolia avenue, five-room
 dwelling, \$2,000; H. Enkowi, 1230 M
 street, 2 story, brick addition, \$2,000;
 S. O. Mackey, 1022 34th street, four-
 room frame dwelling, \$1,600; E. A.
 Pierce, 214 Forum Bldg., six-room
 house, \$2,000. Sacramento Home Build-
 ers, Forum Bldg., five-room house, \$2,-
 000; H. Uhl, Uhl Court, one five-room
 house and one seven-room house, \$3,-
 500; Henry C. Ingham, 1500 O street,
 four-room frame cottage, \$660; R. E.
 Stubbe, 3712 Palm street, five-room
 house, \$2,500, and O. H. Moore, 2903
 35th street, six-room house, \$2,000. All
 materials are now being purchased.

RESIDENCE—2 story and base,
 frame, \$10,000. Lakeport, Lake Co.,
 Cal. Architect, John J. Foley, 46 Kear-
 ny street, S. F. Owners, Franciscan
 Fathers. The dwelling will be erected
 adjoining the new church and will
 be used as a parish house. The build-
 ing will contain fourteen living rooms,
 tailor shop and parochial hall. There
 will be furnace heat and open fire
 places. Mantels will be of tile or
 brick. Interior finish will be of pine
 with some hardwood. Two baths are
 to be included. An automatic water
 heater is specified. Bath rooms will
 have tile wainscot. Exterior of the
 house will be covered with cement
 plaster on metal lath. Plans are be-
 ing prepared.

SCHOOL—2 story and base, rein-
 forced concrete, \$193,000. Sacramento,
 Cal. Architects, Shea & Lofquist,
 Bankers' Investment Bldg., S. F. Own-
 ers, City of Sacramento. All bids for
 the construction of the new school
 building have been rejected as above
 the appropriation. Plans will be re-
 vised, cutting the height of the build-
 ing by two feet and making some
 changes in the type of floor construc-
 tion which, it is believed, will bring
 the building cost to within \$193,000.
 Revised plans will be out for figures
 very shortly. Further mention will be
 made of the work.

SCHOOL—2 story and base, brick,
 \$75,000. Stockton, San Joaquin Co.,
 Cal. Architects, Stone & Wright, 24
 South California street, Stockton. Own-
 ers, City of Stockton. This building,
 known as the East Side School, has

been out for figures before. Plans were not revised as the Board of Education believed that collusion existed among the three firms bidding. The building will contain twelve class rooms, assembly hall and office. Interior will be finished in pine throughout with hardwood floors in the class rooms. There will be steam heat, oil burning furnace and a vacuum cleaning system. Exterior of the building will be faced with pressed brick. Bids will be opened on March 31st. Plans can be secured from the architects.

SCHOOL—3 story and base. Class C construction. Cost not stated. Stockton, San Joaquin Co., Cal. Architects, Stone & Wright, 24 South California street, Stockton. Owners, St. Agnes Academy. The building will be erected at the corner of Park and San Joaquin streets and will cover a considerable area. There will be a number of class rooms, living apartments and dormitories. Plans provide for steam heat and hot water supply. Interior finish will be of pine throughout. Some maple floors will be used. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and segregated figures are being taken. Father McGough is in charge of the work.

HIGHWAY CONSTRUCTION — Cost not stated. California. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Plans are complete and figures are now being called for the construction of Portland cement and concrete highways together with some asphalt work in the following counties: Solano, Alameda (two pieces), Kern and Ventura. Plans and specifications can be had at the offices of the State Highway Commission. An official proposal appears in another column of this issue.

RECLAMATION WORK — Cost not stated. Orland, Glenn Co., Cal. Engineer, United States Reclamation Service, Orland. Owners, United States Government. Sealed proposals will be received at the office of the United States Reclamation Service, Orland, Cal., until 2 o'clock p. m. April 21, 1914, for building the structures of the East Park Feed Canal in Colusa County, California, near Stonyford, and about 23 miles from Siles, the terminus of the Colusa and Lake Railroad. The work involves about 6,000 cubic yards of excavation, 4,000 cubic yards of concrete, the placing of about 49,300 pounds of reinforcing steel and 14,100 pounds of metal work and gate fixtures, and the placing in structures of about 30,500 feet, B. M., of lumber. For particulars address the United States Reclamation Service, Washington, D. C., Portland, Ore., or Orland, Cal. F. H. Newell, Director.

Contracts Awarded.

BANK AND OFFICES—10 story and base. Class A construction. Cost not stated. Stockton, San Joaquin Co., Cal. Architects, Stone & Wright, Stockton, associated with L. B. Dutton, Chronicle Bldg., S. F. Owners, Commercial Savings Bank of Stockton. Contractor, P. J. Walker, Monadnock Bldg., S. F. Note: This contract has been taken on the percentage basis.

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

S ½ OF N ½ LOT 1, U. V. 24TH AND 25th Sts., No. 2111 24th St., Sacramento. One-story five-room frame dwelling.

Owner.....Mrs. A. M. Daly, 3230 Magnolia, Sacramento.

Architect...None.

Day's work.

COST, \$2900

E 30 FT. OF N ½ LOT 4, M. N. 2ND & 3rd Sts., No. 4230 M St., Sacramento.

Two-story brick addition.

Owner.....H. Enkowi, Premises.

Architect...None.

Day's work.

COST, \$2900

S ½ OF N ½ LOT 121, S ½ OF N ½ LOT 122, East Sacramento. One and one-half-story 4-room frame dwlg.

Owner.....S. O. Mackey, 1032 34th St., Sacramento.

Architect...None.

Day's work.

COST, \$1600

LOT 6236 MISSION TRECHO W. X. 18th and 19th Sts., No. 1825 X St., Sacramento. One-story 5-room frame dwelling.

Owner.....Emily Valine, 2417 15th St., Sacramento.

Architect...None.

Contractor...C. Valine, 2417 X St., Sacramento.

COST, \$1500

LOT 13 URBAN COURT, Sacramento. One-story 5-room frame dwlg.

Owner.....George Lee Cason, 2215 30th St., Sacramento.

Architect...None.

Contractor...C. Valine, 2417 15th St., Sacramento.

COST, \$1400

N 120 FT. OF E 30 FT. LOT 91 AND W 120 ft. Lot 92, H J Goethe Add'n F, Sacramento. One-story 6-room frame dwelling.

Owner.....E. A. Pierce, 214 Forum Bldg., Sacramento.

Architect...None.

Day's work.

COST, \$2000

S ½ LOT 13 Allen & Leitch Tract, V St. near 33rd, Sacramento. One-story five-room frame dwelling.

Owner.....Sacramento Home Bldrs., 522 Forum Bldg., Sacramento.

Architect...None.

Day's work.

COST, \$2000

SWANSTON HOME TRACT on Riverside Road, Sacramento. Excavating, mason work, plastering, carpenter work for garage building.

Owner.....Geo Swanston, Stoll Bldg., Sacramento.

Architect...None.

Contractor...H. A. Hendren, 2913 I St., Sacramento.

Filed Mar. 16, '14. Dated Mar. 12, '14. COST, \$2569

PORTION OF SWANSTON TCT on NW Cor. of said tract; 10 acres on Haggin Grant, Sacramento. Construction of brick and concrete parking house.

Owner.....George Swanston (as C. Swanston & So), Stoll Bldg., Sacramento.

Architect...None.

Contractor...Murrell & Haley, 1328 10th St., Sacramento.

Filed Mar. 14, '14. Dated Mar. 14, '14. COST, \$70,697

E 40 FT. OF E 64 FT. LOT 8, E. E. 8TH 9th Sts., Sacramento. Painting on building.

Owner.....Lucy S. Juergenson.

Architect...None.

Contractor...Chester E. King, 3318 Madrone St., Sacramento.

COST, \$720

PLUMBING ON ABOVE.

Contractor...H. W. Earle Plumbing Co., 1011 7th St., Sacramento.

COST, \$999

PLASTERING ON ABOVE.

Contractor...Fred Nold, 1815 P St., Sacramento.

Filed Mar. 11, '14. Dated Mar. 10, '14. COST, \$540

LOT 6, J. K. FRONT & SECOND STS., N. 1016 Second, Sacramento. Alter Four-story brick building.

Owner.....W. P. Fuller & Co., Prem.

Architect...None.

Contractor...Latourette-Fical Co., 35th and Sacramento Ave., Sacramento.

COST, \$1350

S 40 FT. LOTS 4 AND 5 Hoffmeier Trct., Cor. Crocker and Rudin Aves., Sacramento. One-story 5-rm frame dwlg.

Owner.....H. Harvey, 1316 F St., Sacramento.

Architect...None.

Contractor...J. A. Shumate, Elmhurst.

COST, \$1800

N 40 FT. OF S 80 FT. LOTS 4 AND 5 Hoffmeier Trct., Crocker Ave. near Rudin, Sacramento. One-story five-room frame dwelling.

Owner.....H. Harvey, 1316 F St., Sacramento.

Architect...None.

Contractor...J. A. Shumate, Elmhurst.

COST, \$1800

N ½ LOT 8, M. N. 4TH AND 5TH STS., No. 1417 4th St., Sacramento. Two-story frame addition to frame dwlg.

Owner.....Fung Tong, 3rd St., bet I and J Sts., Sacramento.

Architect...None.

Contractor...Sellers Bros., 1614 13th St., Sacramento.

COST, \$1500

LOT 77 RIVERSIDE PARK, Riverside Road near Riverside Ave., Sacramento. One and one-half-story six-room frame dwelling.

Owner.....Joe Azevedo, 322½ Q St., Sacramento.

Architect...None.

Contractor...John Azevedo, 322½ Q St., Sacramento.

COST, \$3000

LOT 45 Mier & Sowell High School Trct., No. 333 T St., Sacramento. One-story 5-room frame dwelling.

Owner.....R. E. Stubbe, 3712 Palm St., Sacramento.

Architect...None.

Day's work.

COST, \$2500

S 120 FT. LOT 5, I, J, 3RD & 4TH STS., No. 331 J St., Sacramento. Place concrete floor in basement of brick building.

Owner.....California National Bank, Premises.

Architect...None.

Contractor, Hansome Concrete Co., F. and M. Bank Bldg., Sacramento. COST, \$360

No. 5208 Goethe's Add'n Q. Oak Park, Sacramento. One-story 5-room frame dwelling.
Owner.....Mrs. C. C. Biegle.
Architect...None.
Contractor, H. Buck, 3100 Walnut Ave., Sacramento. COST, \$1500

LOT P. UHL COURT, Sacramento. One-story 7-room frame dwelling.
Owner.....H. Uhl, Uhl Court, Sacramento.
Architect...None.
Day's work. COST, \$3500

LOT 210 SOUTH OAK PARK, 6th Ave near Sacramento Ave., Sacramento. One-story 5-room frame dwelling.
Owner.....Mrs. E. C. Biegle.
Architect...None.
Contractor, H. Buck, 3100 Walnut Ave Sacramento. COST, \$1500

LOT 1 BUENA VISTA TRACT, Crocker Ave and Stanford St., Sacramento. One-story 5-room frame dwelling.
Owner.....H. Uhl, Uhl Court, Sacramento.
Architect...None.
Day's work. COST, \$1800

S ½ LOT 4, H. I. 5TH AND 6TH STS., bet. H and I Sts., Sacramento. Alter brick building.
Owner.....Western Meat Co., 6th, bet. H and I Sts., Sacramento.
Architect...None.
Contractor, J. W. Bates, South San Francisco. COST, \$300

W ½ LOT 3, U. V. 26TH AND 27 STS., No. 2618 U St., Sacramento. One-story 6-room frame dwelling.
Owner.....O. H. Moore, 3903 35th St., Sacramento.
Architect...None.
Day's work. COST, \$2000

W ½ LOT 6, P. Q. 23RD AND 24TH STS., No. 2315 Q St., Sacramento. Two-story 16-room flat building.
Owner.....J. Lauffer, 2812 X St., Sacramento.
Architect...None.
Contractor, W. B. Saunders, 2810 I St., Sacramento. COST, \$5300

S 40 FT. LOT 10, Alta Vista, Wabash Ave. near Magnolia Ave., Sacramento. One-story 5-room frame dwlg.
Owner.....E. S. Miller, Elk Grove.
Architect...None.
Contractor, H. Buck, 3100 Walnut Ave., Sacramento. COST, \$1500

E ½ LOT 3, L. M. 21ST AND 22ND STS., No. 2122 L St., Sacramento. One-story three-room frame school.
Owner.....City of Sacramento.
Architect...None.
Day's work. COST, \$900

No. 1515 J ST., Sacramento. Two-room frame addition to brick school.
Owner.....City of Sacramento.
Architect...None.
Day's work. COST, \$800

LOT 8 AND W ½ LOT 7, M. N. 16th and 17th Sts., No. 1609 M St., Sacramento. One-room addition to frame school.
Owner.....City of Sacramento.
Architect...None.
Day's work. COST, \$100

W 37½ FT. OF S ½ LOT 3, Front and Second, R. S. Sts., No. 117 S St., Sacramento. One-story 4-room frame dwelling.
Owner.....Frank Rico.
Architect...None.
Contractor, M. Simias, 511 P St., Sacramento. COST, \$850

STOCKTON AVE. Cor. Palmetto, Sacramento. Erect two sleeping porches.
Owner.....Sacramento Orphanage & Farm Ass'n., Premises.
Architect...None.
Contractor, R. M. Smith, 2017 18th St., Sacramento. COST, \$800

LOT 12 E. END ADD'N, No. 3314 T St., Sacramento. One-story five-room frame dwelling.
Owner.....H. C. Muddox, 30th and L Sts., Sacramento.
Architect...None.
Contractor, J. J. Jennings, 719 J St., Sacramento. COST, \$1800

LOT 265 Boulevard Park, G. H. 22nd and 23rd Sts., No. 711 22nd St., Sacramento. One-story frame dwelling and finish off 1st floor.
Owner.....E. B. Harlan, 715 22nd St., Sacramento.
Architect...None.
Contractor, J. J. Montgomery, 2211 H St., Sacramento. COST, \$1500

S ½ OF S ½ LOTS 118 AND 119 East Sacramento, Carnell Ave and Crandall Lane. One-story frame dwlg.
Owner.....Thomas Harris.
Architect...None.
Contractor, J. L. Jennings, 719 J St., Sacramento. COST, \$2600

N 41 FEET OF S ½ LOTS 118 AND 119 East Sacramento, Carnell Ave and Crandall Lane. One-story frame dwelling.
Owner.....Thomas Harris.
Architect...None.
Contractor, J. J. Jennings, 719 J St., Sacramento. COST, \$1800

Y near Sacramento River, Sacramento. Install elevator plant.
Owner.....Associated Oil Co., Sharon Bldg., San Francisco.
Architect...None.
Day's work. COST, \$900

E 26 FT. OF W 5 ½ FT. LOT 6, I. J. 17TH 18th Sts., Sacramento. Place present barn in new position and make two-story frame flats (3-room each.)
Owner.....Minna Uhlig, 1723 J St., Sacramento.
Architect...None.
Contractor, Dillard & Kennedy, 3330 Orange Ave., Sacramento. COST, \$800

LOT 73 COLOMA HEIGHTS, East Ave., bet. Palmetto and Vine, Sacramento. One-story four-room frame addition to frame dwelling.

Owner.....H. C. Prince, R. F. D. Box 370, Sacramento.
Architect...None.
Day's work. COST, \$650

COMPLETION NOTICES.

SACRAMENTO COUNTY.
RECORDED AMOUNT
Mar. 14, 1914—N ¼ LOT 8, F. G. 26th and 27th Sts., Sacramento. G W Richards to J H Cummins, Mar. 14; John A. Silva.....Mar. 14, 1914
Mar. 12, 1914—W TWENTY-FIRST, U and V Sts., Sacramento. J C Coffing to Morrill & Clark Bldg & Constr Co.....Mar. 12, 1914

LIENS FILED.

SACRAMENTO COUNTY.
RECORDED AMOUNT
Mar. 12, 1914—LOT 10, I. J. 12TH & 13th, (Theatre Diepenbrock), Sacramento. J Harry Wygant vs M H Diepenbrock and Clara L Diepenbrock.....\$229
Mar. 13, 1914—W 20 FT. LOT 6 and E 40 ft. Lot 7, L. M. 27th and 28th Sts. (Paints and wall paper on dwelling). C H Krebs & Co vs S Ginsberg.....\$89.59

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LOT 7 BLK 206 and 6 feet Lots 8, 10, 12 BLK 200; 6 feet Lots 12, 15 and 16 BLK 200, Stockton. Lay concrete side walks. Sidewalks to be constructed of concrete per specifications furnished by Commissioners of Public Works, City of Stockton.
Owner.....Western Pacific Railway Co., Stockton.
Architect...Western Pacific Engineering Department.
Contractor, Joseph Genecco, Stockton. Filed Mar. 10, '14. Dated Mar. 8, '14.
On completion of work..... 75%
Usual 35 days..... 25%
TOTAL COST, \$392.58
Bond, none Limit, 20 days. Forfeit, none. Plans and specifications filed.

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BRIDGE—Steel or reinforced concrete. Cost not stated. Kinnaman, Ore. Engineer, County Surveyor, Tillamook. Owners, Tillamook County. Plans are complete and figures are being taken for a steel or reinforced concrete bridge to be constructed over the West Beaver Creek near Kinnaman. There will be one 50-foot span. Plans and specifications can be secured from the County Clerk, J. C. Holden, at Tillamook. Bids will be opened on March 27th.

HOTEL ADDITION AND ALTERATIONS—5 story and base, brick. Cost not stated. Pendleton, Ore. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Owners, Pendleton Hotel Co. The present three-story brick apartment house will be altered into a modern hotel and two additional stories will be added, giving the building a total of 100 guest rooms and a number of public and private baths. Plans include steam heat, passenger elevator and steam heat. Considerable exterior work is also included and the entire building will be faced with cement plaster. Plans are complete and figures are being taken.

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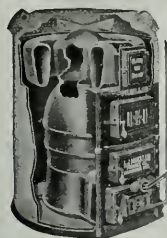
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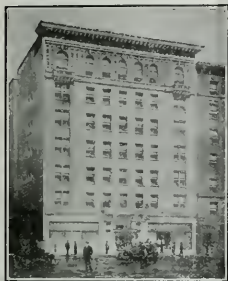


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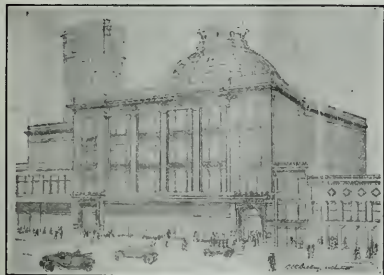
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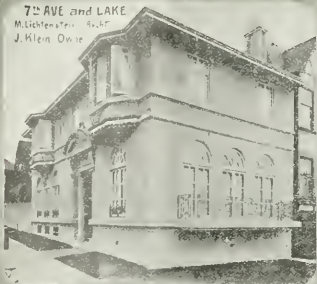
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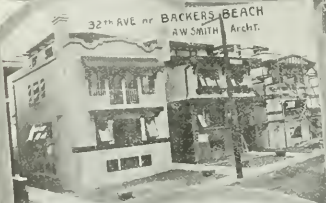
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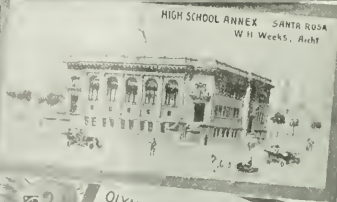
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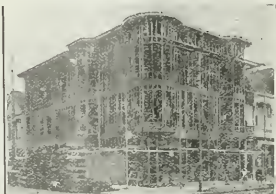


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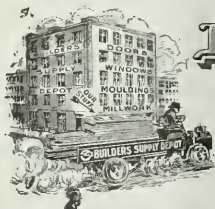
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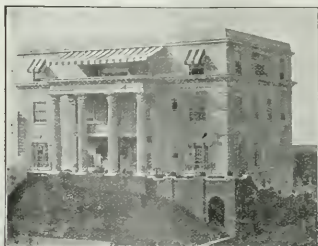


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Editorial Comment.

Governor Johnson has issued a proclamation commending to the people of California the observance of Saturday, April 18, as "Fire Prevention Day," which sets forth its objects in the following language:

"The purpose is to bring about united effort on this occasion to minimize the dangers of fire. I wish to join in making urgent appeal to all citizens to lend their energetic aid

"In recognition of the part insurance companies have had in the rebuilding of San Francisco, plans have been made for a celebration on 'Fire Prevention Day' at the Exposition grounds in San Francisco. It is my earnest hope that adequate expression will be given at that time to the confidence and good will so splendidly earned by these companies that met their obligations honorably and courageously in the hour of overwhelming disaster."

The Northwestern Pacific Railway has applied to the Railroad Commission for permission to issue something more than five million dollars worth of bonds for the purpose of extending its railroad lines to Eureka in Humboldt County and into the great lumber fields of the northwestern part of the state. This will tap a virgin field of country, rich not only in its lumber resources but also in its agricultural possibilities. As it is now the only means of access to a market of any considerable size is by water and at rough seasons of the year Humboldt bay is a somewhat dangerous harbor.

The coast range of mountains while not very high are extremely rugged and present great difficulties in railroad building. So that a road constructed through this particular part of the country is an expensive piece of work. No doubt the road will in time be extended into Oregon so that there will be a continuous line connecting the coast range cities and the great lumber and agricultural district of the Pacific shore.

As the population of this country grows and the great cattle ranges are taken up the production of beef cattle in proportion to the population steadily decreases. At the present time some beef is imported notably from South America and some from other sources. It is said that about 9,000,000 pounds a month is imported from Argentine, but that the importation is controlled by the Chicago meat trust or the packing houses there which import most of the meat from Argentine. As

this importation of meat amounts to only about one per cent of the amount consumed there is but little if any change in the prices resulting from outside competition.

The Examiner states that out of the Panama Canal Tolls victory will come party dissension and disaster. Certainly if the wish is father to the thought William Randolph Hearst would desire nothing better than to have party disaster overtake the administration.

It is interesting to note the alignment on this and other questions. All who have a political axe to grind are arranged against the administration. Among them also are those who believe that we have a right to do as we please with our coastwise trade and exempt what ships we please in the canal privileges. No one worthy of being considered doubts the President's sincerity or the clarity of his judgment. If he takes the stand that we should treat all nations alike under existing treaties it goes without saying that he thinks that the only honorable thing to do. And all the talk of Hearst and Ballyhoos of his kind will not change anybody's opinion.

The idea that Andrew Carnegie instituted the objection seems to be incomprehensible. That Elihu Root, in the service of the great corporations, might have entertained such a thing is probable. But as the question now presents itself in the alignment in Congress it is a question of difference of opinion with the prejudice in favor of the President because Hearst and every other self seeker is arrayed against him.

In commenting upon the recent address of President Wilson as to his private feelings in the matter of the responsibilities of his office, the Chronicle states that no one among his bitterest political opponents question the clarity of his mind on the earnestness of his patriotism. That is probably true. But it does not prevent such men as William Randolph Hearst from distorting facts and conveying to the people of cheap intelligence the idea that there is a tory and Anglomaniac in the office of President.

The latest thing that Hearst has discovered is that the phrase "watchful waiting" was taken from Milton. And this is enough to stamp him as a plagiarist and hold him up to public scorn, according to the Hearst idea.

When Bryan in his political career was asked about Hearst he said he never discussed men but principles. And surely if he were discussing principles the name of Hearst would never be mentioned.

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The Proposed Trust Legislation.

Speech of Henry R. Seager, Professor
of Political Economy, Columbia
University, New York.

Reprinted from the Nation's Business.

The feature of the proposed trust legislation which I have been asked to make the starting point for my comments is the Interstate Trade Commission. In urging the creation of such a Commission, President Wilson is certainly voicing the mature judgment of students of the trust problem. It is a logical development of the Bureau of Corporations established in 1903, on the initiative of President Roosevelt. It was urged specifically by President Taft in his trust message of December 5, 1911, as a necessary supplement to a federal law providing for the incorporation of interstate commerce companies, which he also advocated. Nearly every witness testifying before the Congressional Committees which have investigated the trust problem during the last five years have spoken in favor of it. Thus the President's anticipation that "the opinion of the country would instantly approve of such a commission" appears abundantly justified.

The Newland's bill to create an Interstate Trade Commission has received more prolonged and careful attention than any of the other three measures now before Congress. It includes the essential features of the bill which Senator Newlands has urged upon his colleagues in the Senate for some time, together with additions designed to increase the efficiency of the Commission as the expert adviser of the attorney general and the courts. In brief the bill provides:

(1). That a Trade Commission of five members shall be created to take over the work of the Bureau of Corporations:

(2). That corporations engaged in interstate or foreign commerce, except common carriers, shall supply any information that may be required by this Commission, either at periodic intervals or on special occasions, and grant access to their books and records.

(3). That such information shall be made public in such manner and to such an extent as the Commission may deem wise:

(4). That the Commission shall have power to subpoena witnesses and require the presentation of such books and records as may be necessary for its information and that witness may not refuse to testify on the ground of incriminating themselves, but shall enjoy the customary immunity:

(5). That the Commission shall have power to investigate on complaint alleged violations of the anti-trust act and to report any violations it may discover to the attorney general:

(6). That it shall also investigate any corporation at the request of the attorney general or of the corporation itself to determine whether its organization, acts or relations with other corporations involve violation of the anti-trust act and report the changes in its organization, acts or relations with other corporations necessary to

bring it into compliance with that act.

(7). Similarly it may be called upon by any federal court to advise as to aspects of equity suit before it or proposed dissolution decrees under the anti-trust act.

(8). That nothing in the act shall interfere in any way with the authority and duty of the attorney general to enforce the anti-trust act:

The bill is thus drawn to give the broadest powers to the Commission, but without in any degree weakening the responsibility of the attorney general for enforcing, or the authority of the courts for interpreting the anti-trust act. Though doubtless susceptible of improvement in minor respects, I believe that it is well calculated to achieve the ends aimed at without unduly burdening or interfering with business. These ends seem to me highly desirable and I, therefore, regard this part of the legislative program of the Administration as entitled to hearty support.

Advising the attorney general when the anti-trust act is being violated and assisting the courts to draft dissolution decrees that will secure compliance with it, will be the chief duties of this new Commission. It will thus be a third arm of the government entrusted with responsibility for determining the application of the anti-trust act to specific plans of business organization and specific contracts and practices. One need not be the seventh son of a seventh son to foresee that this third arm will soon be the strong arm, on which the others—the attorney general and the courts—will come to lean. Its work is to be advisory rather than mandatory but all of our experience with commissions points to the conclusion that its advice as time goes on will be more and more controlling. Under the law, not only is the attorney general empowered to call upon it for assistance, but any one may address complaints to it, whereupon it must investigate and report its finding and recommendations to the attorney general. Is it not inevitable under these conditions that that overworked official will soon come to feel that he is performing his whole duty if he undertakes the prosecutions that are expressly recommended by the Commission? In presenting a case in court he will, as a matter of course, give chief prominence to the evidence collected by the Commission and the reasons it may have urged for believing that a violation has occurred. At first the courts may not be greatly impressed by the reasoning of the Commission—the Supreme Court was not at first greatly impressed by the reasoning of the Interstate Commerce Commission—but as time goes on, will not the views of the Commission almost certainly prevail? This may come about through the deliberate conviction of the Supreme Court that it is less competent than the Commission to decide difficult issues wisely and its deference to expert opinion, re-enforced as it cer-

tainly will be by cogent argument. Failing this, it may come about through amendments to the anti-trust act made on the recommendation of the Commission and serving virtually to overrule decisions of the courts. Thus as time goes on government prosecutions under the anti-trust act are likely to be those urged by the Trade Commission and the interpretation of the act in connection with the prosecutions is likely to be that approved by the Trade Commission. The creation of such a Commission means inevitably an extension of government by commission. I am in favor of it because I believe that with the growing complexity of business relations, it is only through the guidance of commissions of experts that we can hope to keep these relations straight and to advance sound public policy.

Being in entire accord with the Administration's proposal to create a Trade Commission, I can only regret the more deeply other proposals that will in my judgment prevent that Commission from rendering the great service of which it is capable in guiding the policy of the country with reference to industrial combinations. The second bill in the Administration's program, designed to amend the anti-trust act so as to condemn expressly lected or convicted obtained in government suits, is certainly commendable in purpose. We all agree that unfair methods of competition will enable big corporations to wrest markets from their smaller rivals, not because they can produce more economically or make a profit while selling more cheaply but through the sheer force of their larger resources and the wider range of their operations, must be stopped. If there is any doubt whether these practices would now be condemned under the present law as unlawful restraints on trade—and I do not personally believe that there is—it ought certainly to be removed by further legislation.

The measure against which I particularly protest as unnecessary and harmful is the third bill which undertakes not only to make the punishment for violation of the anti-trust act personal, as I agree it should be, but also to define the terms "every contract," "combination in the form of trust or otherwise" and "conspiracy in restraint of trade" and the word "monopolize," in conformity with the narrowest and most dogmatic conviction that every departure on the part of business men from unrestrained competition necessarily results in restraint of trade, and is therefore to be condemned.

Advance Interpretation Hazardous.

To judge in advance what interpretation may be given to the phrases of this bill would be hazardous. The first, second and third lines of conduct condemned, that is, "to create or carry out restrictions in trade or to acquire

a monopoly in any interstate trade, business or commerce," "to limit or reduce the production or increase the price of merchandise or of any commodity" and "to prevent competition in manufacturing, making, transporting, selling or purchasing of merchandise, produce or any commodity" are probably all fully covered by the present act as involving unreasonable restraint of competition or tendency to create monopoly. The fourth line of action condemned seems, however, to go much farther. If business men may not "make any agreement, enter into any agreement, or arrive at any understanding by which they, directly or indirectly, undertake to prevent a free and unrestricted competition among themselves or among any purchasers or consumers in the sale, production or transportation of any product, article or commodity" without rendering themselves liable to conviction for crime and to the severe penalties provided by the anti-trust act, current methods of carrying on business in the United States will have to undergo a modification. Under such a provision every understanding between railroads conveying passengers or freight between two cities, involving uniformity of rates, would be a violation of the anti-trust act. The schedule of rates of each railroad would have to be a matter for its independent determination, and if the law were strictly complied with, it would only be through the intervention of the Interstate Commerce Commission that the uniform rates, that have become well-nigh universal throughout the country and which public opinion very generally approves, could be maintained.

The truth is that our governmental policy toward railroads and other common carriers has long been inconsistent. The amendments to the Interstate Commerce Act giving the Interstate Commerce Commission complete control over rates, supplemented as it is about to be by the proposed measure giving a similar control over the issue of new securities, make the present restrictions of the anti-trust act, as laid down in the Traffic Association cases, illogical and unnecessary. Any further restrictions would, in my judgment, be highly undesirable. As regards the common carriers we are committed by the incontestable economic facts, as well as by the terms of the Interstate Commerce Act, to the policy of regulated monopoly. To deny it or to ignore it in amending or extending the anti-trust act is to fly in the face of the intelligent opinion of the country.

It has been customary among economists to draw a rather sharp distinction between railroads, telegraph and telephone companies, street railroads, water, gas, and electric light companies and other public utilities, which are styled natural monopolies, and manufacturing, mining and other industrial companies. Monopolistic in their very nature, the first class of businesses will not be adequately regulated by competition. For them we need and have developed machinery for the regulation of rates and charges in the public interest, where we have not actually undertaken government ownership and operation. This distinction is entirely ignored by the

present anti-trust act and is equally ignored in the proposed amending bills, from which it might be inferred that competition in railroad rates—rate wars—were as much in the pulling of dry goods.

I am one of the economists who thinks the distinction between the so-called natural monopolies and industrial enterprises such as coal mining and iron and steel manufacturing has been too sharply drawn. That combination and monopoly in connection with supplying a city like Washington with gas or electric light, with government ownership and operation or government regulation of charges and quality of service, is superior to competition will be generally admitted. I believe it is still an open question economically whether the advantage is not with combination rather than unregulated competition also in some branches of mining and manufacturing.

Economics and Advantages of Concentration.

You are all familiar with the argument. Let me take the steel industry as an illustration, since the steel trust has been much in the public mind of late. We have here a branch of industry in which concentration and large scale production make for economy until a scale of operations is attained calling for millions of dollars of capital and thousands of employees. The Carnegie Steel Company, the Jones-Laughlin Steel Company, the Illinois Steel Company all grew up under highly competitive conditions and each attained a gigantic size without passing the point where enlarging the scale of productive operations continued to make for economy in production. But when an industry is of such a character that success necessitates the investment of millions of dollars in each competing aggregation of units, you have a situation where the losses due to unrestrained competition are correspondingly enormous. In times of prosperity each producing organization expands to realize more fully the economies of large scale production. Iron and coke properties are secured to insure uninterrupted supply of raw materials, transportation facilities are acquired since the business is so large as to require for its exclusive use fleets of vessels and special railroad cars, blast furnaces and rolling mills are built in convenient proximity to permit the conversion of raw materials into finished products with least expenditure of time and effort. This development is in obedience to the laws of expanding trade. If the industry is to be economically conducted it must occur. The public interest demands that it shall occur.

A period of depression now ensues. If each of the competing units pursues its own interest blindly, disregarding of the general good of the trade, each will compete desperately to secure the largest share of the diminishing trade, prices will be recklessly cut. It is better to operate mines and mills at low profits, at no profits, or even at a loss, than to have mines and mills shut down, the properties deteriorate and the skilled labor force that has been slowly drawn together dispersed far and wide over the country. There

is thus no limit short of actual bankruptcy to which the competitors will not find it to their interest to go so long as they remain competitors. But why should they carry their competition to such reckless lengths? Will it not be better for each and for all to produce moderately at low profits until the depression has passed and conserve all the producing machinery for the time when business will revive, as it surely will revive, and all will again be needed? Is such combination to restrain competition opposed to the interest of the whole community? What useful purpose after all is served by forcing large numbers of steel plants into bankruptcy in every period of depression, with the result that the machinery for production becomes quite inadequate to meet the demand when prosperity returns and prices are forced to levels as unreasonably high as they were unreasonably low during the depression? Instead of having steel either price or paper is it not better to have steel a contented and moderately prosperous citizen at all times? It is contended that this life and death competition makes for more rapid improvement in productive methods, but does it? Under a regime of regulated combination each producing unit is still under strong pressure to cut down its expenses of production and to make its profits by that much larger. Is there any real evidence that improvements in methods have not been introduced as rapidly since the steel trust was organized in 1901 as they were before? In that period the open hearth process has been substituted on a vast scale for the Bessemer process. The steel trust has spent millions of dollars in developing its plants at Gary to the highest efficiency yet known in the industry. Its smaller rivals have been equally active. Although in many many lines prices have been steadied and run-away markets in either direction prevented, there have been as eager efforts to improve on existing methods and to concentrate production at the points best fitted for it is there ever were before. I admit, however, that this aspect of the matter is debatable. The objection that I urge against this bill which attempts to define "contract," "combination," and "conspiracy in restraint of trade" is that it treats the point as though it were conclusively settled. If it becomes a law and if it is rigidly enforced, as with the aid of a competent Trade Commission it ought to be, our business men will be absolutely barred from taking any steps to restrain competition when its only effect may be to force some of them overloaded with fixed capital into bankruptcy and to so reduce the producing capacity of the country that in the next period of activity there will be as serious an under-supply as there was an over-supply in the period of depression. My plea is that with a Trade Commission empowered to compel full publicity of business operations and the law left as it is now is condemning not all contracts and combinations in restraint of competition but only those in unreasonable restraint, we should be able for the first time to test the real merits of combination in the industries where it is claimed to be superior to unregulated competition. We have

not been able to make the test in the past because unfair methods of competition have been used and because the opportunity to reap large returns at the expense of so-called "innocent investors" has given an artificial turn to the whole combination movement. The Trade Commission could put a stop to the use of unfair and discriminatory methods by calling the attention of the attorney general to them and recommending him to begin prosecutions. The publicity of financial operations which it would require would curb the activities of the promoter and the high financier. Monopoly achieved by artificial means would still fall under the condemnation of the law. There would thus be scope only for restraints on competition which were believed by the Trade Commission and by the attorney general, acting upon its advice, to be reasonable in the sense that the benefits they might confer on the parties to the agreement or understanding would be shared by the whole community. Would such a policy involve any real risk to the best interests of the country, which the proposed bill penalizing every relaxation of the ardor of competition would preserve? Would it not rather enable us to feel our way along toward a solution of this difficult combination problem that would be permanently satisfactory because balancing fairly the interests of producers and consumers?

Points from Germany.

I said a moment ago that I thought the superiority of regulated combination over unregulated competition for other industries—not many but a few—than natural monopolies, was at least debatable. For this country it is debatable, because we have not proved how efficiently we could impose the necessary degree of regulation. For Germany, I submit, it is no longer debatable. German courts early took the view that combination to check an excessive fall of prices in a period of depression might be a good thing for the community as well as for the producers immediately concerned. Consequently regulated combination, not competition made obligatory, has become the established policy of that country. No one who has studied the results of the combination movement in Germany in moderating extremes of prosperity and depression and in promoting foreign trade can doubt that, for that country at least, the policy adopted, which is the exact opposite of the policy that would be confirmed and strengthened for this country by the proposed legislation, has been a good thing. German economists and public men are almost unanimous in approving it, though, of course admitting that the machinery for regulating the cartels is still inadequate and that a vigorous governmental policy is necessary to prevent producers from taking advantage of consumers. Is it probable that a policy so generally approved in Germany is entirely unsuited to the United States?

Two objections may be urged against the policy of allowing even a little latitude to the combination movement under the supervision of the proposed Trade Commission. First, it has been said that if given the slightest encouragement the combinations would

regulate the Trade Commission rather than the Trade Commission the combinations. This contention would carry more weight to my mind if it were not contradicted by our experience with the Interstate Commerce Commission. No corporations could be more powerful or more firmly entrenched in their privileges than were the railroad companies of this country when the Interstate Commerce Commission was established in 1887. It has been a long struggle but at no stage has there been any suspicion that the Commission was controlled by the railroads. Today the authority of the Commission over railroads is so securely established and so universally acknowledged that there seems more danger that the Commission will not show adequate consideration for the legitimate needs of the railroads than that it will fail to safeguard fully the legitimate rights of the public.

The other objection is the familiar one that such a policy will land us in socialism. I do not think so. I think rather that the creation of an able and efficient Trade Commission for the supervision of industrial combinations will insure for us the advantages of combination, which is one of social-

ism's most alluring promises, and preserve us from the great loss of efficiency in business organization and management which I conceive to be socialism's greatest weakness.

It is a trite remark that we live in age of co-operation. My argument against the complete prohibition of anything like concerted action on the part of directors of our great industries reduces to the plea that our business men be given a chance to co-operate so far as they can and will, but under conditions that will enable all of us to enjoy the benefits of their co-operation. So long as desire for private gain continues the dominant motive of those engaged in business, competition will remain a dominant force in business. But let us not make a fetish of competition! It also has its bad as well as its good side. While recognizing its value and making strenuous efforts to insure it a fair field for its operation, let us not ignore the fact that co-operation also has its legitimate place. On a higher moral plane than competition, its extension, under conditions that compel adequate regard to the public interest, must prove advantageous not only to business men but to the whole community.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 4 story and base, reinforced concrete, \$23,000. Architect, none. Owners, Kincaid Construction Co., 215 Montgomery street, S. F. The building will be erected on the south side of Ellis street west of Hyde and will cover an area of 23 by 137½ feet. Interior will contain a total of sixteen suites arranged in two and three room apartments. Pine and elm will be used for interior trim. Plans provide for steam heat, an automatic elevator and hot water supply. All suites will have wall beds and private bath rooms. Bath rooms will have tile wainscot and composition doors. Entrance will be finished in tile. Exterior of the building will be faced with cement plaster. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Apartment houses, 2, 3 story and base, frame, \$13,000 and \$10,000, respectively. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Metropolis Investment Co. One of these buildings will be erected at the southwest corner of Jackson and Taylor streets and the other on the west line of Taylor street south of Jackson. Each building will contain six apartments of three and four rooms. Interiors will be finished in pine with some elm panels and beam ceilings. All suites will have private bath rooms and wall beds. Plans provide for steam heat and a hot water supply in each building. Bath rooms will have composition floors and tile wainscot. Entrances will be finished in tile and marble. Exteriors will be covered

with cement plaster on metal lath, brick veneer bases and rustic. Plans are complete and owners will take figures at once.

SAN FRANCISCO—Apartment house, 2 story and base, frame. Cost not stated. Architect, John J. Foley, 46 Kearny street, S. F. Owner's name withheld. The building will be erected on Gough street and has been designed for a four-apartment building. Each apartment will contain four rooms and bath. Interior will be finished in pine and redwood with some oak floors. All suites will have private bath rooms and wall beds. Bath rooms will be finished in tile and will have composition floors. Plans provide for steam heat and a hot water system. Exterior of the building will be covered with rustic and shiplap. Plans are being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, reinforced concrete, \$17,000. Architect, none. Owners, J. G. Kincaid Construction Co., 215 Montgomery street, S. F. The building will be erected on the east side of Hyde street north of Eddy and will cover an area of 25 by 87½ feet. There will be a total of eleven suites of two and three rooms. Interior finish will be of pine and redwood with some elm panels and hardwood floors. There will be steam heat and a hot water supply. All suites will have private bath rooms and wall beds. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in tile and marble. Exterior of the building will be faced with cement plaster. Plans are complete and in the hands of the owners who will do the work by Day Labor.

OAKLAND, CAL.—Apartment house, 2 story and base, frame, \$18,000. Ar-

chitects, Elite Planners, 1844 5th avenue, Oakland. Owner's name withheld. The building will be erected on Grand avenue and has been designed to contain a total of twelve suites arranged in three rooms each. Interior finish will be of pine with some hardwood veneer and beam ceilings. Plans provide for steam heat and a hot water supply. All suites will have private baths and wall beds. Bath rooms will have composition floors and tile wainscot. Entrance will be finished in tile and marble. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared. Further mention will be made of this work.

BERKELEY, ALAMEDA CO., CAL.—Apartment house, 2 story and base, frame, \$10,000. Architect, Julia Morgan. Merchants' Exchange Bldg., S. F. Owner, Mr. H. Merritt. The building has been designed to contain eight suites of three and four rooms and will be centrally located. Interior finish will be of pine and redwood with some hardwood floors and veneer. All apartments will have wall beds and private bath rooms. Plans provide for a central heating system and hot water supply. Bath rooms will be finished in tile and will have composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 5 story and base, reinforced concrete. Cost not stated. Architect, William Beasley, 127 Montgomery street, S. F. Owner, Mrs. Annie Gallagher. The building will be erected on the east side of Leavenworth street between Post and Geary, covering an area of 23 feet 11 inches by 69 feet 9 inches. There will be a total of ten suites of three rooms each. Interior finish will be of pine with some elm panels and oak floors. Each apartment will have wall beds and private bath rooms. Plans provide for steam heat, an automatic elevator, vacuum cleaning and a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with white cement plaster. Plans are being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architect, William Beasley, 127 Montgomery street, S. F. Owners, D. Coleman et al. The building will be erected at the southwest corner of Howard and Rausch streets, covering an area of 50 by 100 feet, and will contain a total of 60 rooms arranged in three and four room apartments with private baths. The interior of the building will be finished in pine throughout. All apartments will have wall beds. Plans provide for steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick veneer and cement plaster on metal lath. Plans are complete and figures will be called for at once.

SAN FRANCISCO—Apartment house, 7 story and base, steel and reinforced brick. Cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on the north side of Bush street west of Stockton on a lot 40 by 90 feet. There

will be a total of 36 suites of two rooms and bath each. Interiors will be handomely finished in pine and hardwood veneer. Plans provide for steam heat, an automatic elevator, vacuum cleaning system and hot water supply. All bath rooms will have tile wainscot and composition floors. Wall beds will be installed. Entrance will be finished in tile and marble. Exterior of the building will be faced with pressed brick and terra cotta.

LOS ANGELES, CAL.—Apartment house, 3 story and base. Class C construction. Cost not stated. Architect, Leonard L. Jones, Central Bank Bldg., L. A. Owner, Herman Gutterson. The building will be erected on West 10th street near Figueroa, covering an area of 60 by 125 feet. There will be 75 rooms arranged in two and three room apartments with wall beds and private baths. Interior finish will be of pine throughout. Plans provide for steam heat, elevator service and a hot water supply. Bath rooms will have tile floors and wainscot. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owner who is to call contracts.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick. Cost not stated. Architect, E. S. Williamson, Story Bldg., L. A. Owner, C. E. Lee. The building will be erected on Towne avenue near 5th street, and has been designed to contain 63 rooms, which will be arranged in suites of two and three rooms with private baths. Interiors will be finished in pine with some hardwood veneer. Plans provide for steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble. Exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick and steel. Cost not stated. Architects, Architectural Designing Co., Grosse Bldg., L. A. Owner, Mr. Neely. The building will cover an area of 50 by 150 feet and is to be erected on Hope street between 1st and 2nd streets. Interior will be arranged for 78 rooms. Apartments will be of the two and three room type with private baths. Pine and hardwood veneer will be used for trim. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SANTA MONICA, LOS ANGELES CO., CAL.—Apartment house, 3 story and base, Class C construction. Cost not stated. Architect, Albert C. Martin, Higgins Bldg., L. A. Owner, Thomas Higgins. The building will be erected on a 75 by 100 foot lot located at the corner of 2nd and Arizona streets, and will contain 75 rooms arranged in two and three room apartments besides a large lobby and amusement room. Interior finish will be of pine and hardwood veneer. There will be steam heat, an automatic elevator, hot water supply and vacuum cleaning system. All apartments will have wall beds and private bath rooms. Bath rooms will be finished in tile and will have composition floors. Exterior of the build-

ing will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 3 story and base. Class C construction, \$35,000. Architect, William Boshysbell, Wright and Callender Bldg., L. A. Owner, G. A. Wettin. The building will be erected on West 21st street, covering an area of 60 by 107 feet. There will be a total of seventy rooms arranged in two and three room suites with private baths and wall beds. Interior finish will be of pine throughout. Plans provide for steam heat, elevator service, a vacuum cleaning plant and hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are being prepared.

BRIDGES, DAMS AND HARBOR WORK.

and timber pile construction, \$300,000. Engineer, Assistant State Engineer Jerome Newman, Ferry Bldg., S. F. Owners, State of California. Plans submitted to the State Advisory Board at Sacramento by the San Francisco Harbor Commissioners for Pier No. 41, to be constructed on the San Francisco waterfront, have been approved. Bids will be called for by the Harbor Commissioners at once. Further mention will be made of the work.

VALLEJO, SOLANO CO., CAL.—Bulkhead work, stone and concrete. Cost not stated. Engineer, City Engineer, Vallejo. Owners, City of Vallejo. Bids are now being called for to be opened on April 15th for a bulkhead to be constructed along the city waterfront between Main and Kentucky streets. Plans and specifications can be secured from the City Clerk at Vallejo.

CHURCHES.

OAKLAND, CAL.—Church wiring. Cost not stated. Architect, G. Albert Lansburgh, 769 Mission street, S. F. Owners, First Hebrew Congregation of Oakland. Plans for the electric work in the new church building to be erected at the corner of 28th and Webster streets have been revised and new figures will be called for at once.

LOS ANGELES, CAL.—Church, 1 story and base, frame, \$35,000. Architect, Robert H. Orr, Van Nuys Bldg., L. A. Owners, University Christian Church. The building will be erected at the corner of Santa Barbara and Budlong streets, and will cover an area of 104 by 120 feet. The structure has been designed in the classic style, with the exterior faced with veneer pressed brick. Interior will be arranged for a large auditorium and Sunday school rooms. Pine and ornamental plaster will be used in the auditorium. There will be a central heating system and modern ventilation. Plans are being prepared.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Machine shop equipment. Cost not stated. Engineer, City Department of Engineering, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans for the machinery equipment which is to be installed at the Municipal Pipe Yards in San Francisco have been completed and are now out for figures.

Bids will be opened on April 15th. Plans and specifications can be secured from the Board of Public Works.

SEATTLE, WASH.—Warehouse, 4 story and base, reinforced concrete, \$250,000. Architect, Paul T. Whitman, care of the Port of Seattle Commission, Central Bldg., Seattle. Owners, City of Seattle. The building will be erected on Watcom avenue on the East Waterway, and will cover an area of 80 by 300 feet. Construction will be fireproof. It is the intention of the Port of Seattle Commission to add an additional 300 feet to the building later. Plans are complete and out for figures.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Warehouse, 3 story and base, reinforced concrete. Cost not stated. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owner, Homer N. Duffy. The building will be erected at the corner of Mason and Helena streets and will cover an area of 67½ feet by 140 feet. Construction will be fireproof throughout with reinforced concrete walls, floors and roof slabs. Interior partitions will be of metal lath and plaster. Metal window sash and frames and fireproof doors are specified. A fireproof vault and elevator service will be installed. The building is designed to carry three additional stories. Exterior will be faced with cement plaster. Plans are being prepared.

PORTLAND, ORE.—Shipping department and stables, 2 1/2 story brick, \$20,000. Architects, Claussen & Claussen, Macleay Bldg., Portland. Owner's name withheld. Contractor, William Vactz, 241½ First street, Portland. Contract price, \$20,000.

FIRE HOUSES AND JAILS.

SAN FRANCISCO—Firehouse, 2 story and base, brick and steel, \$25,000. Architects, Ward & Blohm, Alaska Commercial Bldg., S. F. Owners, City and County of San Francisco. The building will be erected at the southwest corner of Drumm and Commercial streets, and will be known as Engine House No. 12. Interior will be arranged for four pieces of apparatus, office and quarters for the crew. There will be steam heat, modern plumbing, special electric work and vacuum cleaning. First floor will be of cement. Pine and hardwood trim are specified. Bath rooms will be equipped with showers. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken. Bids will be opened on April 15th. An official proposal appears in another column of this issue.

BERKELEY, ALAMEDA CO., CAL.—Firehouses, 3, 2 story and base, frame, \$5,000 each. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, City of Berkeley. Bids opened for this work were taken under advisement until the next meeting of the City Council. A complete list of the bids received will be found under the heading of Alameda County in this issue.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,500. Architect, John F. Haner, 3576 19th street, S. F. Owner, Louise Cuneo. The building has been

designed to contain two modern flats of five and six rooms with baths. The building will be erected on Baker street south of Fillbert, covering an area of 25 by 53 feet. Interiors will be finished in pine throughout. There will be open fire places and tile mantels. Bath rooms will have composition floors and tile wainscot. Automatic water heaters will be installed. Exterior of the building will be covered with rustic. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,750. Architect, none. Owner, P. Prasso, 320 Lombard street, S. F. The building will be erected on the east side of Grant avenue north of Greenwich and will contain two flats of six rooms each. Interiors will be finished in pine and redwood with some oak floors. Each living room will have an open fire place with tile mantel. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

GOVERNMENT WORK AND SUPPLIES.

Oil Fuel for the Navy.

Of growing importance, to a degree which is a real emergency, is the plan of the Navy Department to acquire control of an adequate supply of fuel oil. Secretary Daniels as suggested that \$500,000, which he hopes to save by not constructing marine barracks, may be authorized for expenditure in the acquisition, or lease of oil lands. Of course, it is realized that this would not go very far, but it would be a step toward the fulfillment of his policy of having the Navy Department possess its own oil fields and produce and refine its own fuel oil. He is convinced that the department should own or control at least two oil areas, one on the Pacific Coast and one in the mid-continent field tributary to a Gulf or Atlantic port, each of these fields to be capable of yielding a supply exceeding the total needs of the Navy Department for a number of years to come. It is believed that if the Navy Department can secure in its oil-land holdings on a reasonable basis and can be authorized to arrange for the transportation and refining of its oils, the sale of the higher priced light oils, which it will not need for its own use, will not only cover the cost of refining but will also cover or largely reduce the cost of drilling, transportation, and storage of the oils needed for needed for naval use. The price of oil is increasing and will doubtless continue to increase with the growth of the demand or oil in different countries and for different purposes. It will probably increase by leaps and bounds. Thus, two and one-half years ago the price of Oklahoma oil increased abruptly from 43 cents to \$1.05 per barrel. This certain increase in the price of oil will be due, not so much to a necessary increase in the cost of production as to increase in the demand for oil, without a corresponding increase in the supply. By securing and reserving its own supply of oil the government can avoid having to pay the large increase in price which will come from this increase in

demand for oil for naval and commercial uses in other countries. It is apparent, then, that the government should it produce its own oil, should save the large profit of pipe-line transportation now accruing to the pipe-line companies by building its own pipe line. This cannot be done instantly, however. To successfully operate a pipe-line, contracts for handling a full line amount of oil must be secured before the pipe line is laid. The amount used by the navy will be one-fifth of the full-line capacity; the other four-fifths of the space can be used in piping oil as a common carrier. The Navy must also secure its own production—secure leases, drill, and get and maintain its own supply—prior to building its own pipe line and to erecting a refinery. For this purpose it is advisable to get an appropriation of \$500,000 to secure a lease of a modest amount of land as a beginner—say, a quarter section of a highly probable land—the remainder of the \$500,000 to be used in drilling and in acquiring additional land, at the best judgment of the manager in the field. The acquiring of land can thus be done in a common sense way, and the expansion of the oil operations can be developed in a natural and logical manner.

Orland Irrigation Project.

The Reclamation Service is asking for proposals for building the structures of the East Park Feed Canal in Colusa county, California, near Stonyford, in connection with the Orland Irrigation project. The work involves about 6,000 cubic yards of excavation, 4,000 cubic yards of concrete, the placing of about 49,300 pounds of reinforcing steel, and 14,150 pounds of metal work and gate fixtures, and the placing in structures of about 30,500 feet, E. M., of lumber. Bids will be opened at 2 o'clock p. m. April 21 at the office of the Reclamation Service, Orland, Cal.

Mare Island, Cal., Magazine.

The bid of Monson Bros., 1907 Bryant street, San Francisco, Cal., \$11,950 in amount, has been accepted for constructing a brick and concrete magazine, with structural steel roof framing at the U. S. navy yard, Mare Island, Cal.

Yards and Docks, Fire Pumps.

The contract for furnishing two motor-driven fire pumps for delivery at the navy yards, Mare Island and Puer Sound has been awarded to the Alberger Pump & Condenser Co., 140 Cedar street, New York City, at \$13,683.

Dredge, Reclamation Service.

Abstract of proposals for 1½ cubic yard dipper dredge for Yakima storage project, delivered f. o. b. Meadow Creek, Wash.:

Steam - Driven Steel - Constructed Dredge.

Bucyrus Co., South Milwaukee, Wis., \$16,964.

Fairbanks Steam Shovel Co., Marion, Ohio, 3-part line, \$9,012; 2-part line, \$9,256.25, and 1-part line, \$9,584.75. Electrically Driven Steel - Constructed Dredge.

Bucyrus Co., South Milwaukee, Wis., \$24,054.

Steam - Driven Timber - Constructed Dredge.

American Dredge Building and Con-

struction Co., Seattle, Wash., \$10,076.25.

Bucyrus Co., South Milwaukee, Wis., \$15,968.

Fairbanks Steam Shovel Co., Marion, Ohio, 3-part line, \$3,767.75; 2-part line, \$5,962, and 1-part line, \$9,300.50.

Electrically-Driven Timber-Constructed Dredge.

Bucyrus Co., South Milwaukee, Wis., \$23,084.

Pressure Gauges, Salt River Project.

Abstract of bids for reclamation hydraulic indicating pressure gauges for Salt River project, Ariz., advertisement No. 275, bids opened at Los Angeles, Cal.:

Crane Co., Los Angeles, Cal., \$23.96; 5 weeks at Los Angeles, Cal.; alternate bid, \$14.34; 5 weeks at Los Angeles, Cal.

Warren & Bailey Mfg. Co., Los Angeles, Cal., \$33.26; few days at Boston, Mass.

HALLS & SOCIETY BLDGS.

SAN FRANCISCO—Affiliated Women's Club, 8 story and base. Class A construction. Cost not stated. Architects, Righetti & Headman, Phelan Bldg., S. F. Owners, Affiliated Women's Clubs of San Francisco. The organization has secured a site 137½ by 137½ feet on Sutter street between Mason and Taylor streets, and are now completing plans for financing a large Class A building. The architects have only prepared preliminary plans and details of the building cannot be given at this time. Further mention will be made of the work.

SAN FRANCISCO—City Hall marble work. Cost not stated. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. The Board of Public Works has been instructed to advertise for bids for the marble work on the new City Hall. Bids are to be opened on April 29th. Plans can be secured from the City Department of Architecture, Temporary City Hall.

OAKLAND, CAL.—Lodge hall, 3 story and base. Class A construction, \$250,000. Architect, A. J. Mazurette, Albany Bldg., Oakland. Owners, Oakland Moose Lodge Hall Association. This work was mentioned in last week's issue, out since then the announcement as to the selection of a site has been made. The building will be erected on Telegraph avenue near 17th. Working drawings are being prepared. Further mention will be made of the work.

HOSPITALS

SAN FRANCISCO—Hospital, 3 story and base, reinforced concrete, \$30,000. Architect, William C. Hayes, Foxcroft Bldg., S. F. Owners, Union Iron Works. The building will be erected on Pennsylvania between 18th and 19th streets, and will contain private rooms as well as wards. The structure will cover an area of 90 by 90 feet. Construction will be fireproof. Interior will be finished in pine with tile and white enamel. Plans provide for furnace heat and a vacuum cleaning system, elevator service and modern operating room equipment. Exterior of the building will be faced with cement plaster. Plans are being prepared.

AGNEWS, SANTA CLARA CO., CAL.—Hospital buildings, 2, 1 story, frame. Cost not stated. Architect, State Architect McDougall, Sacramento. Owners, State of California. Two new buildings, one a Nurses' Home and the other a Female Workers' Cottage, are to be erected at the Agnews Asylum. Bids will be opened for the Workers' Cottage on April 23rd and for the Nurses' Home on April 27th. Official proposals appear in another column of this issue.

SAN FRANCISCO—Hospital ward addition, 2 story, reinforced concrete, \$15,000. Architect, Constructing Quartermaster's Department, Fort Mason. Owners, United States Government. Pringle-Dunn & Co. submitted the low cost figure at \$11,683 for the new addition to the Letterman General Hospital at the Presidio. A complete list of bids, including the heating, plumbing, electric work and fixtures will be found under the heading of San Francisco in this issue.

HOTELS.

SAN FRANCISCO—Hotel, 23 story and base. Class A construction. Cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Fred C. Finkle. This building, designed to be the tallest hotel structure west of Chicago, will be erected at the northwest corner of Pine and Stockton streets. The basement and sub-basement will connect direct with the Stockton street tunnel. There will be a complete steel frame, concrete floors and hollow tile and metal lath and plaster interior partitions. The first 18 stories will contain a total of 187 guest rooms, all of which will have private baths. Upper five floors will be devoted to observatory rooms, dance hall, banquet rooms and roof garden. Plans provide for steam heat, elevator service, vacuum cleaning and all other modern conveniences. The architects state that bids will be taken at once for the structural steel and that following the letting of this contract figures will be called for on the balance of the work. The building is to be completed by the opening of the Exposition.

SAN FRANCISCO—Hotel and stores, 7 story and base, brick and steel, \$110,000. Architects, Smith & Stewart, 244 Kearny street, S. F. Owner, A. O. Stewart. This is the second building to be erected by Mr. Stewart and designed by the same architects. The building will be erected on the north side of Ellis street east of Mason and will have a frontage of 50 feet and a depth of 137½ feet. There will be two stores, offices and lobby on the first floor. Upper floors will contain 120 guest rooms, all of which will have private baths. Plans provide for steam heat, elevator service and a hot water system. Interior will be finished in pine and hardwoods with ornamental plaster and marble used in the office, entrance and lobby. All bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are being prepared.

SAN FRANCISCO—Hotel, 4 story and base, brick and steel, \$20,000. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, Edward Franks. The build-

ing will be erected on California street near Kearny, covering an area of 31 by 59½ feet. There will be a total of 42 guest rooms and a number of public and private baths. Interior finish will be of pine and redwood. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SEATTLE, WASH.—Hotel, 10 story and base. Class A construction, \$200,000. Architects, Howell & Stockes, Henry Bldg., Seattle. Owners, W. F. Kennedy and W. C. Phillips, 2822 10th avenue, Seattle. The exact location of the building has not been made public. Construction will be fireproof throughout with a complete steel frame, reinforced concrete walls, floors and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. The structure will contain in the neighborhood of 200 guest rooms and a number of public and private baths. There will be steam heat, elevator service, a vacuum cleaning plant and hot water supply. Metal window sash and frames are specified. Exterior of the building will probably be faced with pressed brick. It has not been determined whether to let a general contract or do the work by Day Labor. Plans are nearly complete and construction will be started about the last of April.

Contracts Awarded.

LOS ANGELES, CAL.—Hotel, 4 story and base. Class C construction, \$50,000. Architect, E. J. Borgmeyer, Stimson Bldg., L. A. Owner, J. B. Solomon. Contractor, Fred W. Siegel, Stimson Bldg., L. A. Contract price, \$60,000.

PANAMA-PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Foreign exhibit building, frame and plaster construction, \$60,000 to \$100,000. Architect, G. J. Oakeshott, Service Bldg., S. F. Owners, Australia. Architect G. J. Oakeshott of Sydney, Australia, who is to be in charge of the Australian exhibit building to be erected at the Panama-Pacific International Exposition, arrived in this city Wednesday. The building will be similar to the other buildings erected by the various states and countries and will be of frame and plaster construction, costing between \$60,000 and \$100,000. Mr. Oakeshott will make his headquarters at the Service Building temporarily.

SAN FRANCISCO—Exhibit building, 2 story, frame and plaster construction, \$100,000. Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owners, German-American Societies. Preliminary plans have been completed and approved for a large exhibit building to be erected for the German-American Societies at the 1915 Exposition. The structure will contain space for exhibits, offices and reception rooms. Working drawings are now being completed and figures will shortly be called. Full particulars can be secured from the architects.

SAN FRANCISCO—State exhibit building, 2 story, frame and plaster. Cost not stated. Architect, Burdette, Service Bldg., S. F. Owners, State of California. All architectural drawings for the California building to be erect-

ed at the 1915 Exposition have been completed and structural drawings are 50 per cent complete. The plans are being drawn in the office of the Director of Works, Service Bldg.

SAN FRANCISCO—Festival Hall, 2 story and base, frame and plaster construction, \$214,000. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. The three lowest figures submitted for the general construction of the Festival Palace for the Panama-Pacific International Exposition Co. were as follows: McLeran & Peterson, \$214,000; Strehlow, Freeze & Peterson, \$216,000; Commary-Peterson, —. A contract will probably be awarded to McLeran & Peterson.

POST OFFICES.

SAN FRANCISCO—Post office, 2 story, reinforced concrete, \$25,000. Architect, State Architect McDougall, Sacramento. Owners, State of California. The State will erect and lease a building to the Government to be used as a new Ferry Post Office. The proposed structure will be erected just south of the Union Ferry Depot. Preliminary plans only have been prepared. The work will be carried on under the direction of the State Harbor Commissioners. Further mention will be made here when plans are advertised.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO—Railroad track specials. Cost not stated. Engineer, City Engineer, San Francisco. Owners, City and County of San Francisco. Specifications are complete for furnishing track specials to the Municipal Railroads under Section C of Contract No. 7. Bids will be opened on April 15th. Plans, specifications and full particulars can be secured from the Board of Public Works.

Contracts Awarded.

SALT LAKE CITY, UTAH—Railroad buildings, group of 2 and 3 story, reinforced concrete. Cost not stated. Engineer, Santa Fe Engineering Department, L. A. Owners, Santa Fe Railroad Co. Contractors, Van Stoughton Co., Hooker-Lent Bldg., S. F. Contract price not stated.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$6,000. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owner's name withheld. The dwelling will be erected in Jordan Park, and has been designed for an eight-room house with two baths. Interior will be finished in pine and hardwood with oak floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater is specified. Bath rooms will have tile wainscot and composition floors. Beam ceiling will be used in the dining room and reception hall. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, Theodore Gibson, 355 has been designed for a seven-room

Fair Oaks street, S. F. The dwelling house and will be erected on Lincoln Way west of 25th avenue. Interior finish will be principally of pine with some elm panels and beam ceilings. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for open fire places and furnace heat. Mantels will be of tile or brick. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner and the work will be done by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,400. Architect, none. Owner, John O' Donnell, 1848 Fell street, S. F. The dwelling, which has been designed for a seven-room house, will be erected on the west side of 24th avenue north of Judah street. Interior will be finished in pine, redwood and some oak veneer. Hardwood floors are specified in the living and dining rooms. There will be a large open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2½ story and base, frame, \$15,000. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owner, Mrs. Meyers. This dwelling has been mentioned here before when the architect was first commissioned to prepare plans. The house has been designed for a ten-room dwelling with three baths and sleeping porch, and will be erected on Pacific avenue. Interior will be finished in pine and hardwood with oak floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. A clay tile roof will be used. Plans are being revised and new figures will shortly be called.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,500. Architect, none. Owner, J. M. Peters, 1010 Balboa street, S. F. The dwelling has been designed for a seven-room house with bath, and will be erected on the east side of 20th avenue near California street. All interior finish will be of pine or redwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. The wainscot will be used in the bath room and kitchen. Composition floors are specified for the bath room. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. Materials are now being purchased by the owner.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, W. E. Ginley, 131 5th avenue, S. F. The dwelling will be

erected on the east side of 15th avenue near Clement, and has been designed to contain six rooms and bath. Interior will be finished in pine with hardwood floors and beam ceilings. There will be furnace heat and open fire places. Mantels will be of tile or brick. The wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,000. Architect, none. Owner, N. J. Nelson, 4278 23rd street, S. F. The dwelling will be erected on the north side of 17th street west of Cole, and has been designed for a six-room house with bath. Pine will be used for interior finish throughout. Some hardwood floors will be used. There will be a large open fire place in the living room. Mantel will be of tile. The wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story, attic and base, frame, \$8,000. Architect, Joseph A. Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co. The dwelling is to be erected at the southwest corner of Mercedes Way and Paloma avenue in Ingleside Terraces and will contain eight rooms, three baths and sleeping porch. Interior finish will be largely of pine with some hardwood veneer and beam ceilings. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Automatic water heaters will be installed. The tile will be used in the bath rooms and kitchen. Composition floors are specified in the bath rooms. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. All materials are now being purchased by the architect.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architect, Joseph A. Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co. The dwelling will be erected on De Soto avenue in Ingleside Terraces and has been designed for a seven-room house with bath and sleeping porch. All interior finish will be of pine. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have a composition floor and tile wainscot. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. The work will be done by Day Labor under the direction of the architect.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architect, J. W. Placche, Acheson Bldg., Berkeley. Owner, Joel H. Hildebrand. The dwelling will be erected in the northeast section of Berkeley and has been designed for a

seven-room house with bath and sleeping porch. Interior will be finished in pine throughout. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared for the work.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,000. Architect, none. Owner, F. T. Malley, 2001 Grove street, Oakland. The dwelling has been designed for a nine-room house with two baths and will be erected on 12nd street. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the living room, dining room and reception room. There will be furnace heat and open fire places. Mantels will be of tile. Bath rooms will be finished in tile and will have composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$1,500. Architect, Julia Morgan, Merchants' Exchange Bldg., S. F. Owner, George F. Bell. The dwelling will be erected in Northbrae Tract and has been designed to contain six rooms, bath and sleeping porch. Interior will be finished in pine and redwood, with some hardwood floors and beam ceilings. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Residences, 2, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, H. L. Johnson. These two houses will be erected in the Claremont Tract and each has been designed to contain seven rooms, bath and sleeping porch. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Automatic water heaters will be installed. There will be tile wainscot in the bath rooms and kitchens and composition floors in the baths. Exteriors will be covered with cement plaster on metal lath. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, Leonard H. Ford, 2135 Center street, Berkeley. Owner, Mrs. C. Alger. The dwelling will be erected in Thousand Oakes Park and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and redwood. Oak floors and beam ceilings will also be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Exterior of the house will be covered with cement

plaster on metal lath. Plans are now being prepared. Work will probably be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$6,500. Architect, C. W. McCall, Central Bank Bldg., Oakland. Owner, Mr. Alberger. The dwelling will be erected near Piedmont Park and will contain eight rooms, two baths and sleeping porches. Interior finish will be of pine, redwood and hardwood. Oak and inlaid floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have composition floors and tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Harris Allen, 2514 Hillegass avenue, Berkeley. Owner, J. W. McKibben. The dwelling will be erected on Piedmont avenue near Dwight Way and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be largely of pine. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater is specified. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, R. A. McWilliam. The dwelling will be erected on Arroya street and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be finished with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, P. Lindblad. The house will be erected on Grand avenue and will contain seven rooms and bath. Interior finish will be largely of pine with some hardwood veneer. Oak floors will be used in the dining room, living room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. All materials will be purchased by the architects.

HILLSBOROUGH, SAN MATEO CO., CAL.—Residence, 2 story, attic and

base, frame and brick, \$75,000. Architects, Huss & Faville, Balboa Bldg., S. F. Owner, Mr. C. de Guigne. The dwelling has been designed for a large country house and will contain in the neighborhood of twenty rooms, several baths and sleeping porches. A garage, stables and other out-buildings are included in the work. Interior of the house will be finished in pine and hardwoods. Hardwood and inlaid floors will be specified. There will be a central heating system, probably steam heat, open fire places, a vacuum cleaning system and automatic water heaters. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the house, out-buildings and garage will be covered with cement plaster. Plans are complete and figures are being taken.

SAN JOSE, SANTA CLARA CO., CAL.—Residences, 1 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: A. A. Fay, 1081 South 7th street, 1 story, frame cottage, \$1,500, and B. W. Loring, 100 North 1st street, frame garage, \$1,000.

PORTLAND, ORE.—Residence, 2 story, attic and base, frame and tile, \$30,000. Architect, John V. Bennes, Chamber of Commerce Bldg., Portland. Owner, A. H. Maegly. The dwelling will be erected in Arlington Heights and has been designed to contain in the neighborhood of fifteen rooms, several baths and servants' rooms. There will be steam heat, automatic water heaters and vacuum cleaning system. Interior will be finished largely in hardwoods with oak and inlaid floors in the principal rooms. Bath rooms will have tile wainscot and floors. There will be several open fire places and tile or brick mantels. Exterior of the dwelling will be covered with pressed brick. A clay tile roof will be used. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,500. Architect, none. Owner, J. D. Clancy, 2581 Filson street, S. F. The dwelling has been designed for a six-room house and will be erected on Anza street near 17th avenue. Interior finish will be of pine throughout with some hardwood floors in the living and dining rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$2,500. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, J. W. Baughman. The dwelling will be erected in the Temescal District and has been designed for a live-room house with bath. Pine and redwood interior finish will be used with some oak floors. There will be a large open fire place in the living room and tile mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster. Plans are being prepared and when complete the work will be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—

Bungalow, 1 story, and oase, frame, \$2,500. Architects, Elite Planners, 1841 5th avenue, Oakland. Owner, Mr. Brach. The dwelling has been designed for a five-room house. Interior finish will be of pine or redwood throughout. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room with a tile mantel. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,500. Architect, none. Owner, Louis O. Hansson, 2116 Bancroft Way, Berkeley. The dwelling will be erected on Spruce street and has been designed for a seven-room house with bath. Interior finish will be largely of pine. Some hardwood floors will be used. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SCHOOLS.

FRESNO, FRESNO CO., CAL.—School group, 2 story and base, brick and steel, \$380,000. Architect, State Architect McDougall, Sacramento. Owners, State of California. Plans for the new State Normal School to be erected in Fresno are reported as practically complete and figures will be called for shortly. The main building will house the administrative office, library, a large auditorium and several calls rooms. Two wings, each two stories high will be arranged for the laboratories and manual training and domestic science departments.

CHICO, BUTTE CO., CAL.—School, 2 story and base, reinforced concrete, \$50,000. Architect, Chester Cole, Chico. Owners, Chico School District. In last week's issue an unofficial report was published crediting this work to Architect Bryan of Chico. Mr. Bryan's plans were awarded second place and Architect Cole will design the building. Working drawings are now being prepared.

LOS ANGELES, CAL.—Schools, 2 story and base, reinforced hollow tile construction, \$75,000. Architects, S. B. Marston and Garrett Van Pelt, Chamber of Commerce Bldg., L. A. Owners, Los Angeles Board of Education. A twelve-room building will be erected at Lamanda Park and a ten-room school at Altadena. Interiors will be finished in pine with maple floors in the class rooms. There will be central heating systems and modern school plumbing. Exteriors will be faced with cement plaster. Plans are now being prepared.

CORONA, RIVERSIDE CO., CAL.—School, part 1 and part 2 story and base, brick, \$30,000. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Corona School District. The architects have just been commissioned to prepare plans and details of construction cannot be given at this time. The present building will also be remodeled.

SEATTLE, WASH.—School addition,

1 story and base, reinforced concrete, \$150,000. Architect, Edgar Blair, 1426 Jackson street, Seattle. Owners, City of Seattle. An addition 90 by 175 feet will be made to the Green Lake District School. The ground floor will contain class rooms and a large auditorium. Basement has been arranged for boys' and girls' gymnasium. Construction will be fireproof. Plans provide for steam heat, a modern system of ventilation and program clocks. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be opened on April 7th.

SEWERS, STREET WORK AND WATER SYSTEMS.

FRESNO, FRESNO CO., CAL.—Street electroliers, \$70,000. Engineer, City Engineer B. E. Cronkite, Fresno. Owners, City of Fresno. City Engineer Cronkite has completed plans for a number of ornamental electroliers to be installed in the business district of the city. Plans have been approved by the city Council and figures will be asked for shortly. The engineer's estimate for this work is \$70,000.

DALY CITY, SAN MATEO CO., CAL.—Reservoir and water system. Cost not stated. Engineer's name not given. Owners, Daly City. Plans have been received by the City Clerk for a reinforced concrete reservoir to be built as a part of the town's new water system. Figures are now being taken on the work. Complete information can be secured from the City Clerk.

Contracts Awarded.

SACRAMENTO, CAL.—Reservoir, reinforced concrete. Cost not stated. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. Contractors, Mathews Construction Co., Sacramento. Contract price not stated.

SEALED PROPOSALS.

PROPOSALS FOR BUILDING.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 15th day of April, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The General Construction of Engine House No. 12, situated at the south-west corner of Drumm and Commercial streets.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works and completed within two hundred and seventy (270) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$100,000.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. **RICHARD J. CLINE,** Secretary.

PROPOSALS FOR ELECTRIC WORK.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 15th day of April, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The Electric Wiring Work for Engine House No. 12.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works and completed within two hundred and seventy (270) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$75,000.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. **RICHARD J. CLINE,** Secretary.

PROPOSALS FOR PLUMBING AND GAS FITTING.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 15th day of April, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The Plumbing and Gas Fitting for Engine House No. 12.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works and completed within two hundred and seventy (270) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$125,000.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. **RICHARD J. CLINE,** Secretary.

PROPOSALS FOR BRICK WORK.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 15th day of April, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The Brick Work for Engine House No. 12.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works and completed within

sixty (\$60) calendar days thereafter.
The amount of bond for faithful performance of contract has been fixed at \$3,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. RICHARD J. CLINE, Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 15th day of April, 1914, for doing the following work, to wit:

The furnishing and delivering of a quantity of track special work, being Section "C" of Contract No. 6 of the Municipal Railway.

Said work must be done in accordance with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced and completed within the time limits set forth in said specifications.

The amount of bond for faithful performance of the contract has been fixed at \$3,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. RICHARD J. CLINE, Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 8th day of April, 1914, for doing the following work, to wit:

The furnishing and delivering of Machine Shop Equipment for the Municipal Pipe Yard.

Said work must be done in accordance with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced and completed within the time limits set forth in said specifications.

The amount of bond for faithful performance of contract has been fixed at \$3,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. RICHARD J. CLINE, Secretary.

PROPOSALS FOR DREDGING.

DREDGING.—Sealed proposals, in order, "Proposals for Dredging," will be received at the bureau of yards and docks, Navy Department, Washington D. C., until 11 o'clock a. m. April 18, 1914, and thereupon they will be opened for dredging at the navy yard, Puget Sound, Wash. Plans and specifications can be obtained on applica-

tion to the bureau or to the commandant of the navy yard, Bremerton, Wash. H. R. STANFORD, chief of bureau.

PROPOSALS FOR ROAD WORK.

ROAD.—Sealed proposals will be received at the office of the lighthouse inspector, San Francisco, Cal., until 2 o'clock p. m. April 17, 1914, and then opened for constructing a gravel road for coal and light station, Cal. Blank proposals and particulars may be obtained by addressing the LIGHT HOUSE INSPECTOR, San Francisco, Cal.

PROPOSALS FOR LANTERN.

LANTERN.—Seale proposals will be receive at the office of the lighthouse inspector, Portland Ore., until 2 o'clock p. m. April 10, 1914, and then opened for furnishing one standard fourth-order lantern. Blank proposals and particulars may be obtained by addressing the LIGHTHOUSE INSPECTOR, Portland, Ore.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock noon, Monday April 27, 1914, said bids then there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the Nurses Home, Female, at the Agnews State Hospital, Agnew, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Nurses' Home, Agnews State Hospital, Agnew, California."

(Signed) W. F. McCLURE, State Engineer. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock noon, Tuesday April 28, 1914, said bids then there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the Worker's Cottage—Female—at the Agnews State Hospital, Agnew, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Worker's

Cottage—Female—at the Agnews State Hospital, Agnew, California."
(Signed) W. F. McCLURE, State Engineer. (*)

PROPOSALS FOR CANAL WORK.

CANAL WORK.—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. reclamation service, Great Falls, Mont., until 2 o'clock p. m. April 15, 1914, for the construction of a portion of the St. Mary canal, St. Mary storage unit, Milk River project, Montana, involving about 500,000 cubic yards of excavation, 2,000 cubic yards of concrete, 13,000 square yards of paving, 760 cubic yards of rip-rap, and 8,500 cubic yards of puddling; the placing of about 185,000 pounds of steel reinforcement bars, and 332,000 feet, board measure, of lumber in wooden structures and the erecting of about 105,000 pounds of miscellaneous materials. The work is situated in the Blackfeet Indian Reservation.

PROPOSALS FOR SALE OF VESSELS.

SALE OF U. S. NAVAL VESSELS.—Sealed proposals will be received at the bureau of supplies and accounts, Navy Department, Washington, D. C., until 12 o'clock noon, May 14, 1914, when they will be publicly opened for the purchase of the following vessels: U. S. S. Manila, at navy yard, Alameda Island, Cal., appraised value \$10,000; U. S. S. Restless, at naval torpedo station, Newport, R. I., appraised value \$2,000. The Manila was torpedoed, and the Restless is the highest bidder and the Restless to the bidder offering the highest price above the appraised value. Forms of proposal and bond and instructions concerning the vessels and the terms and conditions of sale may be obtained upon application to the bureau of supplies and accounts, JOSEPHUS DANIELS, Secretary of the Navy.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock noon, Tuesday, April 23rd, 1914, said bids then there to be publicly opened and read for furnishing all plant, materials, and labor and doing the work required for the construction and erection of a building to be known as Ward 25, Stockton State Hospital, Stockton, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Ward 25, at the Stockton State Hospital, Stockton, California."

(Signed) W. F. McCLURE, State Engineer. (*)

PROPOSALS FOR BUILDING.

BUILDING.—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals plainly marked on the outside of the sealed envelope "Proposals for Additions to Brick Dormitory, Santa Fe Indian School, New Mexico," and addressed to the commissioner of Indian Affairs, Washington, D. C., will be received at the Indian Office until 2 o'clock p. m. April 18, 1914, and thereupon they will be opened for the construction of additions to girls' brick dormitory at the Santa Fe Indian School, New Mexico, in strict accordance with the plans, specifications and instructions to bid-

ders, which may be examined at the office of the paper or periodical in which this advertisement appears, the U. S. Indian Warehouse at San Francisco, Cal., and at the Santa Fe Indian School. For further information apply to the superintendent of the Santa Fe Indian School, Santa Fe, New Mexico. CATO SELLS, commissioner.

PROPOSALS FOR GRANITE OR LIMESTONE WORK.

PURSUANT to Resolution No. 7645 N. S., passed March 16, 1914, the Council of the City of Oakland will receive bids for furnishing all the materials, labor and workmanship required in connection with the construction, erection and finish of—A: Granite Work and Setting, or B: Limestone Work and Setting for the Auditorium, located on Twelfth street, between Fallon street and Lake Shore avenue, in the City of Oakland.

All proposals shall be made upon and conform to the requirements of the forms of proposals, prepared and furnished by the City, through the Supervising Architect, and shall be enclosed in sealed envelopes endorsed "Bid for Auditorium," addressed to the Council and deposited by the bidder, or his agent, with said Council while in session, between 11 o'clock a. m. and 12 o'clock, Noon, Pacific Time, on the 13th day of April, 1914, in the room of the Council in the City Hall, 14th and Washington streets, Oakland, and at the expiration of the time named the bids will be opened, examined and publicly declared in open session of the Council.

All said materials, labor and workmanship is to consist of that required by, and be in accordance with the plans, drawings and specifications prepared therefor and on file in the office of John J. Donovan, Supervising Architect of the City of Oakland, to which said plans and specifications reference is hereby made.

The Contract for the furnishing of all the labor and materials entering into the construction, erection and finish of—A: Granite Work and Setting, or B: Limestone Work and Setting, all as indicated on the Plans and Drawings and as set forth in the specifications, is to be let or awarded as a separate contract.

The Contractor will be required to begin work within five (5) days from the execution of the contract, unless otherwise notified in writing by the owner or architect, and to fully complete the entire work in accordance with the requirements of the agreement, plans, drawings and specifications prepared therefor, to the entire satisfaction of the Commissioner of Public Works and the Council, on or before seventy-five (75) working days from and after the beginning of work.

After the award and upon the execution of the agreement, the contractor shall at the same time execute to the City of Oakland and deliver to the Auditor a bond guaranteeing to the City the faithful performance of the contract, and in an amount equal to twenty-five per centum (25%) of the amount named in the agreement. He shall likewise deliver and execute at the same time another and separate bond to protect any and all persons performing labor upon or furnishing materials to be used upon the said work, and in an amount equal to fifty per centum (50%) of the amount named in said agreement.

A bond set out of the forms of proposal and of the required affidavits, agreement, bonds, acknowledgments and specifications will be furnished by contractors on demand at the office of the Supervising Architect of the City of Oakland, Security Bank Building, corner of 11th and Broadway. The said office of the Supervising Architects after March 17th, 1914, within a reasonable time after application, and upon a deposit of Twenty-five (\$25.00) which deposit will be returned to the applicant when the said plans and drawings are in good condition; one complete set of plans and drawings required for the work will be furnished each applicant; additional copies will be furnished, provided the applicant pays the

cost of reproduction, such additional copies to be returned to the Architect together with the first set.

All information relative to the requirements for bidding, and all directions necessary to explain and make definite any of the provisions of the specifications or drawings will be given by the Supervising Architect upon application at his office.

The right is reserved to the Council in accordance with the provisions of the Charter of the City of Oakland, to reject any or all bids submitted. Each bid shall bear the affidavit of the bidder as required by Section 126 of the Charter.

FRANK M. SMITH, City Clerk.

PROPOSALS FOR ARCHITECTURAL TERRAZZO COTTA WORK.

PURSUANT to Resolution No. 7643 N. S., passed March 16, 1914, the Council of the City of Oakland will receive bids for furnishing all the materials, labor and workmanship required in connection with the construction, erection and finish of the Architectural Terrazzo Work and Setting for the Auditorium, located on Twelfth street, between Fallon street and Lake Shore avenue, in the City of Oakland.

All proposals shall be made upon and conform to the requirements of the forms of proposals, prepared and furnished by the City, through the Supervising Architect, and shall be enclosed in sealed envelopes endorsed "Bid for Auditorium," addressed to the Council and deposited by the bidder, or his agent, with said Council, while in session, between 11 o'clock a. m. and 12 o'clock, Noon, Pacific Time, on the 13th day of April, 1914, in the room of the Council in the City Hall, 14th and Washington streets, Oakland, and at the expiration of the time named the bids will be opened, examined and publicly declared in open session of the Council.

All said materials, labor and workmanship is to consist of that required by, and be in accordance with the plans, drawings and specifications prepared therefor and on file in the office of John J. Donovan, Supervising Architect of the City of Oakland, to which said plans and specifications reference is hereby made.

The Contract for the furnishing of all the labor and materials entering into the construction, erection and completion of the Architectural Terrazzo Work and Setting, all as indicated on the Plans and Drawings and as set forth in the specifications is to be let or awarded as a separate contract.

The Contractor will be required to begin work within five (5) days from the execution of the contract, unless otherwise notified in writing by the owner or architect, and to fully complete the entire work in accordance with the requirements of the agreement, plans, drawings and specifications prepared therefor to the entire satisfaction of the Commissioner of Public Works and the Council, on or before seventy-five (75) working days from and after the beginning of work.

After the award and upon the execution of the agreement, the contractor shall at the same time execute to the City of Oakland and deliver to the Auditor a bond guaranteeing to the City the faithful performance of the contract, and in an amount equal to twenty-five per centum (25%) of the amount named in the agreement. He shall likewise execute and deliver at the same time another and separate bond to protect any and all persons performing labor upon or furnishing materials to be used upon the said work, and in an amount equal to fifty per centum (50%) of the amount named in said agreement.

A bond set out of the forms of proposal and of the required affidavits, agreement, bonds, acknowledgments and specifications will be furnished by contractors on demand at the office of the Supervising Architect of the City of Oakland, Security Bank Building, corner of 11th and Broadway. The said office of the Supervising Architects after March 17th, 1914, within a reasonable time after application, and upon a deposit of Twenty-five (\$25.00)

which deposit will be returned to the applicant when the said plans and drawings are returned to the Architect in good condition; one complete set of plans and drawings required for the work will be furnished each applicant; additional copies will, however, be furnished, provided the applicant pays the cost of reproduction. Such additional copies to be returned to the Architect together with the first set.

All information relative to the requirements for bidding, and all directions necessary to explain and make definite any of the provisions of the specifications or drawings will be given by the Supervising Architect upon application at his office.

The right is reserved to the Council in accordance with the provisions of the Charter of the City of Oakland, to reject any or all bids submitted.

Each bid shall bear the affidavit of the bidder as required by Section 126 of the Charter.

FRANK M. SMITH, City Clerk.

NOTICE TO CONTRACTORS.

NOTICE is hereby given that sealed bids will be received by the Board of Trustees of the Patterson Union High School, Patterson, Stanislaus County, California, on the 11th day of April, 1914, at 10 o'clock p. m., of the said day, for furnishing the labor and material to construct a new Union High School Building in said District, on the site provided for on the west side of line of 7th street bounded on the north by H street and on the south by J street.

The plans and specifications for the said proposed new Union High School Building are on file in the office of Dr. A. M. Field, Clerk of the above Board, in Patterson, California, and also in the office of Henry C. Smith, authorized architect, 755 Market street, San Francisco, California, where copies of same may be obtained by bidders on deposit of the sum of Twenty-five Dollars (\$25.00). Reference is hereby made to such plans and specifications for mode of bidding. Blank forms for bidding will be furnished by Clerk or architect upon application.

Each bid must be accompanied by a cash or certified check for ten per cent of the amount of the bid, said check or bond to be made payable to Dr. A. M. Field, Clerk of the Board of Trustees of the Patterson Union High School District. The Board reserves the right to reject any or all bids.

All general and particular bids allowed to retain the plans and specifications for six (6) consecutive days in which to prepare figures, bid arrangements and make payment of \$10.00 to retain same until opening of bids, which amount will be deducted from the deposit made of \$25.00 when the plans and specifications are returned.

DR. A. M. FIELD, Clerk.

CAD ELLIS,

President of the Board of Trustees of the Patterson Union High School District, Patterson, Stanislaus Co., California.

PROPOSALS FOR BUILDING.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at the Office of the Board of Public Works, at 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 8th day of April, 1914, for doing the following work including the construction of the necessary labor and materials therefor, to wit:

The construction of the Central Fire Alarm Station, to be located in that portion of the square bounded by Laguna, Octavia and Turk streets and Golden Gate avenue.

Progressive payments will be made. Said work will be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works. The work must be completed within one hundred twenty (120) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$12,500.00.

All proposals offered must be accom-

panied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works, RICHARD J. CLINE, Secretary.

STATE OF CALIFORNIA,
DEPARTMENT OF ENGINEERING.

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 316 1/2 Post Street, Sacramento, Cal., until the time hereinafter noted, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, portions of State highways as follows:

Until 2 o'clock P. M., April 13, 1914

Solano County from Benicia to a point 2 1/2 miles south of Cordelia (11-Sol-1), about 9 miles in length, to be built of Portland cement concrete, Alameda County from Hayward to Yalle Vista School (IV-A-5-C), about 3.1 miles in length, to be built of Portland cement concrete.

Alameda County from Hayward to Oakland (IV-A-5-D), about 5.1 miles in length, to be surfaced with asphaltic concrete.

Kern County from the northerly county boundary to Dearborn (VI-Ker-1-2), about 12.4 miles in length, to be built of Portland cement concrete.

Ventura County from Sea Cliff to the westerly county boundary (VII-Ven-2-F & G), about 1.1 miles in length, to be built of Portland cement concrete. Plans may be seen, and forms of proposal, bond contract, and specifications may be obtained, at the said office and they may be seen at the offices of the Division Engineers of the Division in which the work is situated. The Division Engineers' offices are located at Willits, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospectors is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work, etc. done.

The Department of Engineering reserves the right to reject any or all bids, or to accept the bid deemed for the best interests of the State.

CHARLES D. BLANEY,
NEWELL D. DARLINGTON,
CARL E. F. SISK,
California Highway Commission.
AUSTIN B. FLETCHER,
Highway Engineer.
WILSON F. ELLIS, Secretary.
Dated: March 13, 1914. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock noon, Tuesday, April 21st, 1914, said bids to then and there to be publicly opened and read for furnishing all plant, materials and labor, and doing the work required for the construction and erection of the elevator work of the building known as the Female Building, at the Stockton State Hospital, Stockton, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, on a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid. A deposit of Five Dollars (\$5.00) will be required on plans and specifications, the deposit to be returned immediately

on the return of the plans and specifications to the State Department of Engineering, at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

Plans dealing with certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE — 2 story and base, frame, \$4,500. San Francisco. Architect, none. Owner, J. M. Peters, 1010 Balboa Bldg., S. F. The dwelling has been designed for a seven-room house with bath, and will be erected on the east side of 20th avenue near California street. All interior finish will be of pine or redwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room and kitchen. Composition floors are specified for the bath room. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. Materials are now being purchased by the owner.

RESIDENCE — 2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, E. Glinley, 131 5th avenue, S. F. The dwelling will be erected on the east side of 15th avenue near Clement, and has been designed to contain six rooms and bath. Interior will be finished in pine with hardwood floors and beam ceilings. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$2,000. San Francisco. Architect, none. Owner, N. J. Nelson, 4278 23rd street, S. F. The dwelling will be erected on the north side of 17th street west of Cole, and has been designed for a six-room house with bath. Pine will be used for interior finish throughout. Some hardwood floors will be used. There will be a large open fire place in the living room. Mantel will be of tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE — 2 story, attic and base, frame, \$8,000. San Francisco. Architect, Joseph A. Leonard, 35 Cerritos avenue, S. F. Owners, Urban Realty Co. The dwelling is to be erected at the southwest corner of Mercedes Way and Paloma avenue in the Ingleside Terraces, and will contain eight rooms, three baths and sleeping porch.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope, "Proposals for Elevator Work, Stockton State Hospital, Stockton, California." (Signed) W. F. McClure, State Engineer. (*)

Interior finish will be largely of pine with some hardwood veneer and beam ceilings. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Automatic water heaters will be installed. Tile will be used in the bath rooms and kitchen. Composition floors are specified in the bath rooms. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. All materials are now being purchased by the architect.

RESIDENCE — 2 story and base, frame, \$4,000. San Francisco. Architect, Joseph A. Leonard, 35 Cerritos avenue, S. F. Owners, Urban Realty Co. The dwelling will be erected on De Soto avenue in Ingleside Terraces, and has been designed for a seven-room house with bath and sleeping porch. All interior finish will be of pine. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Both room will have composition floor and tile wainscot. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. The work will be done by Day Labor under the direction of the architect.

FOREIGN EXHIBIT BUILDING—Frame and plaster construction, \$60,000 to \$100,000. San Francisco. Architect G. J. Oakeshott, Service Bldg., S. F. Owners, Australia. Architect G. J. Oakeshott of Sydney, Australia, who is to be in charge of the Australian Exhibit Building to be erected at the Panama-Pacific International Exposition, arrived in this city Wednesday. The building will be similar to the other buildings erected by the various states and countries, and will be of frame and plaster construction, costing between \$60,000 and \$100,000. Mr. Oakeshott will make his headquarters at the Service Building temporarily.

EXHIBIT BUILDING—2 story, frame and plaster construction, \$100,000. San Francisco. Architects, Ward & Blohm, Alaska Commercial Bldg., S. F. Owners, German-American Societies. Preliminary plans have been completed and approved for a large exhibit building to be erected for the German-America Societies at the 1915 Exposition. The structure will contain space for exhibits, offices and reception rooms. Working drawings are now being completed and figures will shortly be called. Full particulars can be secured from the architects.

STATE EXHIBIT BUILDING — 2 story, frame and plaster. Cost not stated. San Francisco. Architect, Burdette, Service Bldg., S. F. Owners,

State of California. All architectural drawings for the California Building to be erected at the 1915 Exposition have been completed and structural drawings are 50 per cent complete. The plans are being drawn in the office of the Director of Works, Service Bldg.

FESTIVAL HALL—2 story and base, frame and plaster construction, \$214,000. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. The three lowest figures submitted for the general construction of the Festival Palace for the Panama-Pacific International Exposition Co., were as follows: McLeran & Peterson, \$214,000; Strehlow, Freeze & Peterson, \$216,000; Connolly-Peterson, —. A contract will probably be awarded to McLeran & Peterson.

RESIDENCE—2 story and base, frame, \$6,000. San Francisco. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owner's name withheld. The dwelling will be erected in Jordan Park and has been designed for an eight-room house with two baths. Interior will be finished in pine and hardwood with oak floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater is specified. Bath rooms will have tile wainscot and composition floors. Beam ceilings will be used in the dining room and reception hall. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, Theodore Gibson, 355 Fair Oaks street, S. F. The dwelling has been designed for a seven-room house and will be erected on Lincoln Way west of 25th avenue. Interior finish will be principally of pine with some elm panels and beam ceilings. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for open fire places and furnace heat. Mantels will be of tile or brick. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$2,400. San Francisco. Architect, none. Owner, John O'Donnell, 1543 Fell street, S. F. The dwelling, which has been designed for a six-room house, will be erected on the west side of 24th avenue north of Judah street. Interior will be finished in pine, redwood and some oak veneer. Hardwood floors are specified in the living and dining rooms. There will be a large open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$15,000. San Francisco. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owner, Mrs. Meyers. This dwelling has been mentioned here before when the architect was first com-

missioned to prepare plans. The house has been designed for a ten-room dwelling with three baths and sleeping porch, and will be erected on Pacific avenue. Interior will be finished in pine and hardwood with oak floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with cement plaster on metal lath. A clay tile roof will be used. Plans are being revised and new figures will shortly be called.

APARTMENT HOUSE—4 story and base, reinforced concrete, \$23,000. San Francisco. Architect, none. Owners, Kincanon Construction Co., 215 Montgomery street, S. F. The building will be erected on the south side of Ellis street west of Hyde, and will cover an area of 23 by 137½ feet. Interior will contain a total of sixteen suites arranged in two and three room apartments. Pine and elm will be used for interior trim. Plans provide for steam heat, an automatic elevator and hot water supply. All suites will have wall beds and private bath rooms. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in tile. Exterior of the building will be faced with cement plaster. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

APARTMENT HOUSES—2, 3 story and base, frame, \$13,000 and \$10,000, respectively. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Metropolis Investment Co. One of the buildings will be erected at the southwest corner of Jackson and Taylor streets and the other on the west line of Taylor street south of Jackson. Each building will contain six apartments of three and four rooms. Interiors will be finished in pine with some elm panels and beam ceilings. All suites will have private bath rooms and wall beds. Plans provide for steam heat and a hot water supply in each building. Bath rooms will have composition floors and tile wainscot. Entrances will be finished in tile and marble. Exteriors will be covered with cement plaster on metal lath, brick veneer bases and rustic. Plans are complete and owners will take figures at once.

APARTMENT HOUSE—2 story and base, frame. Cost not stated. San Francisco. Architect, John J. Foley, 46 Kearny street, S. F. Owner's name withheld. The building will be erected on Gough street, and has been designed for a four-room apartment building. Each apartment will contain four rooms and bath. Interior will be finished in pine and redwood with some oak floors. All suites will have private bath rooms and wall beds. Bath rooms will be finished in tile and will have composition floors. Plans provide for steam heat and a hot water system. Exterior of the building will be covered with rustic and shiplap. Plans are being prepared.

APARTMENT HOUSE—3 story and base, reinforced concrete, \$17,500. San Francisco. Architect, none. Owners, G. Kincanon Construction Co., 215 Montgomery street, S. F. The building will be erected on the east side of

Hyde street north of Eddy and will cover an area of 23 by 87½ feet. There will be a total of eleven suites of two and three rooms. Interior finish will be of pine and redwood with some elm panels and hardwood floors. There will be steam heat and a hot water supply. All suites will have private bath rooms and wall beds. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in tile and marble. Exterior of the building will be faced with cement plaster. Plans are complete and in the hands of the owners who will do the work by Day Labor.

HOTEL—23 story and base. Class A construction. Cost not stated. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Fred C. Finkle. This building, designed to be the tallest hotel structure west of Chicago, will be erected at the northwest corner of Pine and Stockton streets. The basement and sub-basement will connect direct with the Stockton street tunnel. There will be a complete steel frame, concrete floors and hollow tile and metal lath and plaster interior partitions. The first eighteen stories will contain a total of 187 guest rooms, all of which will have private baths. Upper five floors will be devoted to observatory rooms, dance hall, banquet rooms and roof garden. Plans provide for steam heat, elevator service, vacuum cleaning and all other modern conveniences. The architects state that bids will be taken at once for the structural steel and that following the letting of this contract figures will be called for on the balance of the work. The building is to be completed by the opening of the exposition.

HOTEL AND STORES—7 story and base, brick and steel, \$17,000. San Francisco. Architects, Smith & Stewart, 244 Kearny street, S. F. Owner, A. O. Stewart. This is the second building to be erected by Mr. Stewart and designed by the same architects. The building will be erected on the north side of Ellis street east of Mason, and will have a frontage of 50 feet and a depth of 137½ feet. There will be two stores, offices and lobby on the first floor. Upper floors will contain 120 guest rooms, all of which will have private baths. Plans provide for steam heat, elevator service and a hot water system. Interior will be finished in pine and hardwoods with ornamental plaster and marble used in the office, entrance and lobby. All bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are being prepared.

HOTEL—4 story and base, brick and steel, \$20,000. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, Edward Franks. The building will be erected on California street near Kearny, covering an area of 31 by 89½ feet. There will be a total of 42 guest rooms and a number of public and private baths. Interior finish will be of pine and redwood. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

APARTMENT HOUSE—5 story and base, reinforced concrete. Cost not stated. San Francisco Architect, William Beasley, 127 Montgomery street, S. F. Owner, Mrs. Annie Gallagher. The building will be erected on the east side of Leavenworth street between Post and Geary, covering an area of 23 feet 11 inches by 69 feet 9 inches. There will be a total of ten suites of three rooms each. Interior finish will be of pine with some elm panels and oak floors. Each apartment will have wall beds and private bath rooms. Plans provide for steam heat, an automatic elevator, vacuum cleaning and a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with white cement plaster. Plans are being prepared.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architect, William Beasley, 127 Montgomery street, S. F. Owners, D. Coleman et al. The building will be erected at the southwest corner of Howard and Rausch streets, covering an area of 50 by 100 feet, and will contain a total of 60 rooms arranged in three and four room apartments with private baths. The interior of the building will be finished in pine throughout. All apartments will have wall beds. Plans provide for steam heat and a hot water supply. Bathrooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick veneer and cement plaster on metal lath. Plans are complete and figures will be called for at once.

APARTMENT HOUSE—7 story and base, steel and reinforced brick. Cost not stated. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on the north side of Bush street west of Stockton on a lot 40 by 90 feet. There will be a total of 36 suites of two rooms and bath each. Interiors will be handsomely finished in pine and hardwood veneer. Plans provide for steam heat, an automatic elevator, vacuum cleaning system and hot water supply. All bath rooms will have tile wainscot and composition floors. Wall beds will be installed. Entrance will be finished in tile and marble. Exterior of the building will be faced with pressed brick and terra cotta.

PIER—Concrete and timber pile construction, \$300,000. San Francisco. Engineer, Assistant State Engineer, Jerome Newman, Ferry Bldg., S. F. Owners, State of California. Plans submitted to the State Advisory Board at Sacramento by the San Francisco Harbor Commissioners for Pier No. 41 to be constructed on the San Francisco waterfront have been approved. Bids will be called for by the Harbor Commissioners at once. Further mention will be made of the work.

MACHINE SHOP EQUIPMENT—Cost not stated. San Francisco. Engineer City Department of Engineering. Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans for the machinery equipment, which is to be installed at the Municipal Pipe Yards in San Francisco, have been completed and are now out for figures.

Bids will be opened on April 15th. Plans and specifications can be secured from the Board of Public Works.

FIREHOUSES—2 story and base, brick and steel, \$25,000. San Francisco. Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owners, City and County of San Francisco. The building will be erected at the southwest corner of Drumm and Commercial streets and will be known as Engine House No. 12. Interior will be arranged for four pieces of apparatus, office and quarters for the crew. There will be steam heat, modern plumbing, special electric work and vacuum cleaning. First floor will be of cement. Pine and hardwood trim are specified. Bath rooms will be equipped with showers. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken. Bids will be opened on April 15th. An official proposal appears in another column of this issue.

FLATS—2 story and base, frame, \$3,500. San Francisco. Architect, John F. Haner, 3576 19th street, S. F. Owner, Louise Cuneo. The building has been designed to contain two modern flats of five and six rooms with baths. The building will be erected on Baker street south of Filbert, covering an area of 25 by 33 feet. Interiors will be finished in pine throughout. There will be open fire places and tile mantels. Bath rooms will have composition floors and tile wainscot. Automatic water heaters will be installed. Exterior of the building will be covered with rustic. Plans are complete and the work will be done by Day Labor.

FLATS—2 story and base, frame, \$2,750. San Francisco. Architect, none. Owner, P. Prasso, 320 Lombard street, S. F. The building will be erected on the east side of Grant avenue north of Greenwich, and will contain two flats of six rooms each. Interiors will be finished in pine and redwood with some oak floors. Each living room will have an open fire place with tile mantel. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

AFFILIATED WOMEN'S CLUB—8 story and base. Class A construction. Cost not stated. San Francisco. Architects, Righetti & Headman, Phelan Bldg., S. F. Owners, Affiliated Women's Clubs of San Francisco. The organization has secured a site 137½ by 137½ feet on Sutter street between Mason and Taylor streets, and are now completing plans for financing a large Class A building. The architects have only prepared preliminary plans and details of the building cannot be given at this time. Further mention will be made of the work.

CITY HALL MARBLE WORK—Cost not stated. San Francisco. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. The Board of Public Works has been instructed to advertise for bids for the marble work on the new City Hall. Bids are to be opened on April 29th. Plans can be secured from the City Department of Architecture, Temporary City Hall.

HOSPITAL—3 story and base, reinforced concrete, \$30,000. San Francisco. Architect, William C. Hayes, Foxcroft Bldg., S. F. Owners, Union Iron Works. The building will be erected on Pennsylvania between 18th and 19th streets, and will contain private rooms as well as wards. The structure will cover an area of 90 by 90 feet. Construction will be fireproof. Interior will be finished in pine with tile and white enamel. Plans provide for furnace heat and a vacuum cleaning system, elevator service and a modern operating room equipment. Exterior of the building will be faced with cement plaster. Plans are being prepared.

HOSPITAL WARD ADDITION—2 story, reinforced concrete, \$15,000. San Francisco. Architect, Constructing Quartermaster's Department, Fort Mason. Owners, United States Government. Pringle-Dunn & Co. submitted the lowest figure at \$11,683 for the new addition to the Letterman General Hospital at the Presidio. A complete list of bids, including the heating, plumbing, electric work and fixtures, will be found under the heading of San Francisco in this issue.

POST OFFICE—2 story, reinforced concrete, \$25,000. San Francisco. Architect, State Architect McDougall, Sacramento. Owners, State of California. The State will erect and lease a building to the government to be used as a new Ferry Post Office. The proposed structure will be erected just south of the Union Ferry Depot. Preliminary plans only have been prepared. The work will be carried on under the direction of the State Harbor Commission. Further mention will be made here when plans are advertised.

RAILROAD TRACK SPECIALS—Cost not stated. San Francisco. Owners, City and County of San Francisco. Specifications are complete for furnishing track specials to the Municipal Railroads under Section C of Contract No. 7. Bids will be opened on April 15th. Plans, specifications and full particulars can be secured from the Board of Public Works.

RESIDENCE—2 story and base, frame, \$3,500. San Francisco. Architect, none. Owner, D. J. Clancy, 2884 Folsom street, S. F. The dwelling has been designed for a six-room house, and will be erected on Anza street near 17th avenue. Interior finish will be of pine throughout with some hardwood floors in the living and dining room. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

Contracts Awarded.

RAILROAD BUILDING GROUP—2 and 3 story, reinforced concrete. Cost not stated. Salt Lake City, Utah. Engineer, Santa Fe Engineering Department, L. A. Owners, Santa Fe Railroad Co., Contractors, Van Sant-Houghton Co., Hooker-Lent Bldg., S. F. Contract price not stated.

Letterman Hospital Gets New Ward.

Many Firms Submit Close Bids For Work at General Hospital in The Presidio Reservation.

Bids were opened by the Constructing Quartermaster's Office at Fort Mason for the construction of an additional hospital ward at the Letterman General Hospital at the Presidio. Separate bids were received for the general construction, plumbing, heating, electric work and electric fixtures. Pringle-Dunn & Co. submitted the lowest figure for the general construction at \$11,683 and will probably be awarded the contract. A complete list of all figures opened follows:

HOSPITAL WARD BUILDING.

General Construction.

J. W. Carr	12,763.50
D. L. Bienfield	21,872.00
Pringle-Dunn & Co.	11,683.00
Lester H. Stock	11,893.00
Weich Bros.	12,174.00
Lewis A. Hicks Co.	17,992.00
Charles Wright	12,721.00
R. Ehrhart	12,723.00
M. Fisher	13,535.00
Ford J. H. Rickon	12,800.00
R. Sinnott	12,461.00
McSheehy Bros.	12,442.00
E. W. Elliot	14,166.00

Plumbing.

J. W. Carr	\$ 920
A. Lettich	1,105
Pringle-Dunn & Co.	999
Lester H. Stock	842
Charles Wright	1,132
Kiernan & O'Brien	850
R. Ehrhart	1,020
William P. Scott	940
The Turner Co.	970
Dennis O'Mara	810
E. W. Elliot	1,018

Heating.

J. W. Carr	\$620
D. L. Bienfield	999
Pringle-Dunn & Co.	616
Charles Wright	630
Kiernan & O'Brien	855
R. Ehrhart	676
William P. Scott	620
The Turner Co.	806
E. W. Elliot	616

Electric Work.

J. W. Carr	\$211.50
D. L. Bienfield	386.00
Pringle-Dunn & Co.	315.00
Charles Wright	284.00
H. S. Tittle	287.00
R. Ehrhart	278.00
Ford J. H. Rickon	300.00
McFell Electric Co.	315.00
The Turner Co.	322.00
E. W. Elliot	225.00

Electric Fixtures.

J. W. Carr	\$207
D. L. Bienfield	243
Pringle-Dunn & Co.	230
Charles Wright	221
H. S. Tittle	156
R. Ehrhart	190
Ford J. H. Rickon	200
McFell Electric Co.	230
The Turner Co.	399
E. W. Elliot	210

Building Contracts Awarded

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Amt.
942	Hastings	Brady	1682 1/2
943	Newton	Newton	500
944	Breeze	Beck	700
945	Conklin	Hatch	450
946	Dairy Del.	Brown	500
947	Howard	Cavanaugh	400
948	Boyson	Wingate	600
949	Meyer	Meyer	400
950	Horn	Franz	450
951	Peters	Peters	4500
952	Gibson	Gibson	3100
953	Lilienthal	Leigh	757
954	Haw Soon	Brandt	3070
955	Dillon	McKenna	1900
956	Curtaz	G. Str. Irl	14000
957	Saroni	Wilson	7000
958	Burbank	Sibley	1250
959	Sharon	Macdonald	315000
960	Caesar	Hillard	2850
961	Wirth	Welsh	400
962	Powers	Ratto	982
963	Martin	Elvin	3530
964	Lambert	Wright	1225
965	Gilling	Leigh	2445
966	Same	Same	2445
967	Grosh	Otis	700
968	Same	Same	2500
969	Same	Gilmour	243
970	Sunnyside Club	Owner	500
971	O'Donnell	O'Donnell	2000
972	Jacobs	Hamill	400
973	Crothers	Crothers	450
974	Gleeson	Gleeson	1500
975	Haner	Haner	1500
976	Hartin	Woolley	1000
977	National Supply	Owner	500
978	Same	Same	500
979	Same	Same	500
980	Nelson	Woolley	2000
981	Cevasco	Tranero	1000
982	Collins	Maguire	100
983	Guggenheim	Robinson	500
984	Hansen	Noise	500
985	Ginley	Ginley	3000
986	Phelan	McElroy	600
987	Greenbaum	McMullen	1000
988	McCarthy	McCarthy	2500
989	Swanson	Swanson	3200
990	Anderson	Anderson	1500
991	Same	Same	1500
992	Swanson	Swanson	2250
993	Freimuth	Schmidt	1360
994	Garcia	Fraser	1200
995	Westgate	Willington	4127
996	Emery	Marconi	1900
997	Same	Herger	1920
998	Burbank	Conti	1070
999	Stranahan	Bel	1600
1000	Oliver	Morris	400
1002	Varela	Brunfield	450
1003	Lyons	Lyons	2000
1004	Kincanon	Kincanon	23000
1005	Green	Green	2000
1006	Spencer	Wilson	400
1007	Urban Realty	Owner	3000
1008	Kincanon	Kincanon	17500
1009	Gofas	Chlentzas	400
1010	Giannini	Giannini	500
1011	Urban Realty	Owner	3000
1012	Herbert	Hamilton	25300
1013	Grace Cath	Beach	4484

(Correction in Contractor's Name.)

(908) N GREENWICH 220 W Fillmore. All work for two-story and basement frame flats.

Owner.....Mr. and Mrs. I. L. Burton.
 Architect.....222 Greenwich, S. F.
 Contractor.....F. L. Loveland, 2839 Val-
 lejo, San Francisco.

Filed Mar. 20, '11. Dated Mar. 19, '11.
 Frame up\$1000
 Plastered1000
 Completed1000
 Usual 35 days.....

TOTAL COST, \$3565

Bond, none. Limit, 90 days after Mar. 22. Forfeit, none Plans and specifications filed.

(942) S SUTTER 117-9 E Van Ness S 120x E 68-9 W A 58. All work except lighting fixtures, shades and canvas awnings for one-story and basement brick stores.

Owner.....Alice Hastings.
 Architect.....Welsh & Carey, Merchants Nat'l. Bank Bldg., S. F.

Contractor.....M. V. Brady, Menadnock Bldg., San Francisco.
 Filed Mar. 23, '11. Dated Mar. 17, '11.
 Payments on 1st of each month 75%
 Usual 35 days..... 25%
 TOTAL COST, \$16,683
 Bond, \$834 50. Surety, National Surety Co. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(943) S KIRKHAM 82-6 W 24th Ave. One-story frame dwelling.
 Owner.....John and Alice Newton, 332 Kirkham, S. F.
 Architect.....None.

Contractor.....John Newton, 332 Kirkham, San Francisco.
 COST, \$300

(944) NO. 1172 MARKET. Underpin wall with brick.
 Owner.....Mr. Breeze, Balboa Bldg., San Francisco.

Architect.....None.
 Contractor.....John E. Beck, 110 Jessie, San Francisco.

COST, \$70.

(945) NW BRYANT AND SIXTH. Lower building, grade and ratproof.
 Owner.....Frank C. Conklin, 1318 12th Ave., San Francisco.

Architect.....None.
 Contractor.....H. L. Hatch, 4439 Geary, San Francisco.

COST, \$450

(946) NO. 3550 NINETEENTH. Reconstruct platforms and alter windows.
 Owner.....Dairy Delivery Co., Prem. Engineer.....C. F. Wieland, Cal Bldg., San Francisco.

Contractor.....Jas. D. Brown, Inc., Balboa Bldg., San Francisco.
 COST, \$500

(947) NO. 3441 WASHINGTON. Construct retaining wall.
 Owner.....H. Howard, Premises.
 Architect.....None.

Contractor.....Thos. Cavanaugh, 180 Jessie, San Francisco.
 COST, \$400

(948) E HOWARD 212-6 N 17th. One story and basement frame dwelling.
 Owner.....K. M. Boyson, 2015 Howard, San Francisco.

Architect.....None.
 Contractor.....Chas. Wingate, 2015 Howard, San Francisco.

COST, \$600

(949) NO. 3532 SUTTER. Repair roof.
 Owner.....Mrs. C. J. Meyer, Prem.
 Architect.....None.

COST, \$400

(950) NO. 191 HENRY. Repair interior of dwelling.
 Owner.....David C. Horn, Premises.
 Architect.....None.

Contractor.....Val Franz, 185 Stevenson, San Francisco.
 COST, \$450

(951) E TWENTIETH AVE 175 S California. Two-story and basement frame dwelling.
 Owner.....J. M. Peters, 1010 Balboa, San Francisco.

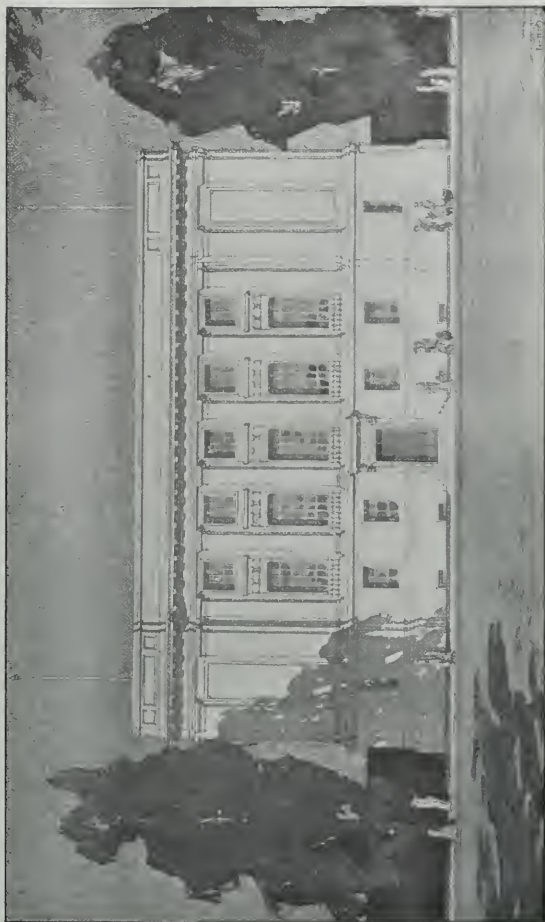
Architect.....None.
 Day's work.....
 COST, \$4500

(952) S LINCOLN WAY 60 W 25th Ave Two-story and basement frame



THE ELSTON-CLARK APARTMENT HOUSE
Berkeley, Cal.

W. H. Rateliff, Jr., Architect
Berkeley



NEW HOME FOR BERKELEY ELKS' LODGE
Berkeley, Cal.

W. H. Raeliff, Jr., Architect
Berkeley

dwelling and one-story garage.
Owner.....Theodore Gibson, 355 Fair Oaks, San Francisco.
Architect...None.
Day's work. COST, \$3100

(953) NW KEARNY AND POST.
Erection of a 6-inch terra cotta partition through store and opening on upper floor, same to be plastered on both sides and hardwall on both sides of wall and reset office partitions, etc.
Owner.....Alfred Lillienfeld & Co., Premises.
Architect...None.
Contractor...Larsen & Larsen.
Filed Mar. 24, '14. Dated Mar. 23, '14.
Completed and accepted.....\$735
Bond, limit, forfeit, none. Plans and specifications, none.

(954) S MARKET 250 W Fifth W 25 S 165 E 40 N 65 W 15 N 100. All work except dumb waiter, marble and tile on stairs and brass hand rail for alterations on 2nd story of two-story building.
Owner.....Haw Soon & Chun Show.
Architect...None.
Contractor...Brandt & Stevens, 612 Hearst Bldg., S. F.
Filed Mar. 24, '14. Dated Mar. 24, '14.
Completed\$2302.50
Usual 35 days..... 767.50
TOTAL COST, \$3070.00
Bond, none. Limit, 40 days. Forfeit, none. Plans and specifications filed.

(955) NW PARIS 125 NE Russia Ave. All work for one-story frame cottage.
Owner.....M. J. and Ellen Dillon, 442 Paris, San Francisco.
Architect...None.
Contractor...P. H. McKenna, 115 Russia Ave., San Francisco.
Filed Mar. 24, '14. Dated Mar. 10, '14.
Frame up\$475
Brown coated 475
Completed 475
Usual 35 days..... 475
TOTAL COST, \$1900
Bond, limit, forfeit, none. Plans and specifications, none.

(956) NW BUSH & LEAVENWORTH
Structural steel for seven-story Class "A" apartment house.
Owner.....Oscar E. Curtaz.
Plans by...Wm. Helbing, 1148 Market, San Francisco.
Contractor...Golden Gate Iron Works, 1541 Howard, S. F.
Not filed.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$14,000
Bond, limit, forfeit, none.

(957) N JACKSON 31-6 E Spruce N 100 W31-6 N 27-8 1/4 + a 80 N 57-8 1/4 E 195-8 S 72-0 1/4 W 7-6 S 127-8 1/4 Plumbing and gas fitting for two 2-story and basement reinforced concrete (Saroni residences).
Owner.....Louis Saroni, 735 Battery, San Francisco.
Architect...McDonald & McDonald, Holbrook Bldg., S. F.
Contractor...Macdonald & Kahn, Rialto San Francisco.
Sub-Contractor...Wm. F. Wilson Co., 1175 Turk, San Francisco.
Filed Mar. 24, '14. Dated Mar. 14, '14.
As work progresses..... 75%

36 days after, balance.....\$1750
TOTAL COST, \$7000
Bond, limit, forfeit, none. Specifications only filed.

(958) NW POST AND STOCKTON N 137-6xW 137-6. Excavating and grading for steel and concrete hotel building.
Owner.....Blanche M. Burbank, Union Square Hotel, S. F.
Architect...Macdonald & Macdonald, Holbrook Bldg., S. F.
Contractor...Sibley Grading & Teaming Co., 180 Jessie, S. F.
Filed Mar. 24, '14. Dated Mar. 24, '14.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$7250
Bond, none. Limit, 21 days. Forfeit, \$30. Plans and specifications none.

(959) LOT BDED BY NEW MONTGOMERY, Jessie, Annie and Rose Alley Seven-story and basement Class "B" office building.
Owner.....Sharon Estate Co., Palace Hotel, New Montgomery & Market, San Francisco.
Architect...Reid Bros., Cal-Pacific Bldg., San Francisco.
Contractor...Macdonald & Kahn, Rialto Bldg., San Francisco.
COST, \$345,600

(960) NE POST & LEAVENWORTH.
Ornamental iron for six-story hotel building.
Owner.....George Caesar, 1299 California, San Francisco.
Architect...Dunn & Kearns, Monadnock Bldg., S. F.
Contractor...C. J. Hillard Co., 19th and Minnesota, San Francisco.
Payments as work progresses.....
TOTAL COST, \$2850

(961) W TWENTY-SECOND AVE 250 S Lake S 25xW 120 O L 93. All work for two-story and garage residence.
Owner.....Chas. J. Worth, 21 Beale, San Francisco.
Architect...None.
Contractor...Jas. Welsh, 244 20th Ave., San Francisco.
Filed Mar. 25, '14. Dated Mar. 25, '14.
Received on account.....\$ 500
Roof on 1225
Brown coated 1225
Completed and accepted..... 1225
Usual 35 days..... 1225
TOTAL COST, \$5400
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(962) NOS. 3630, 3630-A AND 3632 Seventeenth, approximately 150 W Dolores. Alterations and additions to frame building.
Owner.....Ellen Powers, 3632 17th, San Francisco.
Architect...None.
Contractor...Ratto & Vadala, 441 Madison, San Francisco.
Filed Mar. 25, '14. Dated Mar. 23, '14.
75% of work and material furnished 10 days after date of contract..
75% 20 days after date of contract..
75% of contract price less amounts previously paid on completion..
Usual 35 days..... 25%
TOTAL COST, \$982
Bond, \$491. Surety, Southwestern Surety Ins. Co. Limit, 30 days after March 25. Forfeit, none. Plans and specifications filed.

(963) N 1/2 LOT 24 and all Lot 25 BIK 15, Forest Hill. All work for two-story and basement residence.
Owner.....Carl Martin, 3113 Clay, San Francisco.
Architect...Cunningham & Polite, 1st National Bank Bldg., S. F.
Contractor...Arthur Elvin, 2854 23rd, San Francisco.
Filed Mar. 25, '14. Dated Mar. 23, '14.
Roof sheathed\$1400
Brown coated 1400
Completed and accepted..... 1390
Usual 35 days..... 1400
TOTAL COST, \$5590
Bond, \$795. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeit, \$2. Plans and specifications filed.

(964) N ARMY 130 E Twin Peaks Ave All work for five-room and basement bungalow.
Owner.....W. D. Lambert, 44 Sumner, San Francisco.
Architect...G. B. Emmett.
Contractor...Geo. C. Wright, 640 Berlin, San Francisco.
Filed Mar. 5, '14. Dated Mar. 21, '14.
Frame up\$323.44
Ready for plaster..... 323.44
Rough plumbing in..... 325.44
Completed and accepted..... 325.44
Usual 35 days..... 431.25
TOTAL COST, \$1725.00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(965) E SEVENTEENTH AVE 200 S Anza S 25xE 120. All work for five-room and garage cottage.
Owner.....Chester H. Gillig, 331 Grove, San Francisco.
Architect...None.
Contractor...Leigh & Schultz, 330 8th Ave., San Francisco.
Filed Mar. 25, '14. Dated Mar. 17, '14.
Walls up and roof on\$611.25
Brown coated 611.25
Completed and accepted..... 611.25
Usual 35 days..... 611.25
TOTAL COST, \$2445.00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(966) E SEVENTEENTH AVE 235 S Anza S 25xE 120. All work for five-room and garage cottage.
Owner.....Alma M. Gillig, 331 Grove, San Francisco.
Architect...None.
Contractor...Leigh & Schultz, 330 8th Ave., San Francisco.
Filed Mar. 25, '14. Dated Mar. 17, '14.
Walls up and roof on\$611.25
Brown coated 611.25
Completed and accepted..... 611.25
Usual 35 days..... 611.25
TOTAL COST, \$2445.00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(967) N SUTTER 100 W Powell. One hydro-pneumatic freight elevator for reinforced concrete hotel building.
Owner.....M. D. Grosh, E. G. Larzelere and Louise M. Sage, Mills Bldg., S. F.
Architect...N. W. Sexton, Chronicle Bldg., San Francisco.
Contractor...Otis Elevator Co., Beach and Stockton, S. F.
Filed Mar. 25, '14. Dated Mar. 4, '14.
Payments on 10th each month 10%
Usual 35 days..... 25%
TOTAL COST, \$700
Bond, \$350. Surety, National Surety

Co. Limit, as fast as required. Forfeited, \$5. Plans and specifications filed.

(968) ONE PASSENGER ELEVATOR on above.

Contractor, Otis Elevator Co., Beach and Stockton, S. F.

Filed Mar. 25, '14. Dated Mar. 4, '14. Payments same as above.

TOTAL COST, \$2500

Bond, \$1250. Surety, National Surety Co. Limit, as fast as required. Forfeited, \$15. Plans and specifications filed.

(969) METAL FURRING ON WEST side of building and furring of ceilings of small hallways on above.

Contractor, William G. Gilmour, 110 Jessie, San Francisco.

Filed Mar. 5, '14. Dated Mar. 23, '14. On 1st of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$343

Bond, none. Limit, as fast as required. Forfeited, \$5. Plans and specifications, none.

(970) S SUNNYSIDE 125 E Forester. One-story frame hall.

Owner.....Sunnyside Imp. Club, Care O. Brahan, 470 Mangels Ave., San Francisco.

Architect...None. Day's work..... COST, \$500

(971) W TWENTY-FOURTH AVE 175 N Judah. Two-story and basement frame dwelling.

Owner.....John O'Donnell, 1848 Fell, San Francisco.

Architect...None. Day's work..... COST, \$2000

(972) NO. 20 PALM AVE. Enclose porch in rear.

Owner.....A. R. Jacobs, Premises. Architect...None.

Contractor, Thos. Hamill, 268 25th Ave., San Francisco.

COST, \$400

(973) NO. 4434 TWENTY-FIFTH. General repairs and alterations to dwelling.

Owner.....Mrs. M. F. Crothers, Prem. Architect...None.

Day's work..... COST, \$450

(974) NE VIENNA 275 SE Brazil. One-story and basement frame dwlg.

Owner.....Jas. Gleeson, 659 Moscow, San Francisco.

Architect...None. Day's work..... COST, \$1500

(975) SW SEVILLE 150 E Naples. Two-story and basement frame dwlg.

Owner.....John F. Haner, 2579 19th, San Francisco.

Architect...None. Day's work..... COST, \$1500

(976) N TWENTY-FOURTH 180 W Noe. Add two stores to present bldg.

Owner.....Mrs. R. A. Curtin. Architect...None.

Contractor, John B. Woolfrey, 3168 21st, San Francisco.

COST, \$1000

(977) INTR. FELL, POLK & MARKET. One-story concrete oil station.

Owner.....National Supply Stations, Inc., 2000 Van Ness Ave. San Francisco.

Architect...None. Day's work..... COST, \$500

(978) NW ASHBURY AND FELL. One-story concrete oil station.

Owner.....National Supply Stations, Inc., 2000 Van Ness Ave. San Francisco.

Architect...None. Day's work..... COST, \$500

(979) NE CLAY & VAN NESS AVE. One-story concrete oil station.

Owner.....National Supply Stations, Inc., 2000 Van Ness Ave. San Francisco.

Architect...None. Day's work..... COST, \$500

(980) N SEVENTEENTH 152 W Cole. Two-story frame dwelling.

Owner.....N. J. Nelson, 4278 23rd, San Francisco.

Architect...None. Day's work..... COST, \$2000

(981) NO. 2134 SUTTER. Terrazzo steps alter lodgings into two separate flats.

Owner.....G. Cevalco, Premises. Architect...L. Traverso, 554 Union, San Francisco.

Days work..... COST, \$1000

(982) NO. 1170 BERLIN. Add to front of dwelling, install windows, re-shingle roof, concrete foundation and rat proof.

Owner.....Ed. J. Collins, Premises. Architect...None.

Contractor, Maguire & Schlichtmann, 2561 San Bruno, S. F.

COST, \$400

(983) NO. 218 POST. Extend balcony, erect, lath and plaster partition.

Owner.....L. Guggenheim, Washington and Laguna, S. F.

Architect...None. Contractor, Robinson & Gillespie, 1051 Sutter, San Francisco.

COST, \$550

(984) S TURK 28 E Dodge. Construct marquise.

Owner.....Hansen & Johnson, Prem. Architect...None.

Contractor, Moise-Klinkner, 1212 Market, San Francisco.

COST, \$600

(985) E FIFTEENTH AVE 175 S Clement. Two-story and basement frame dwelling.

Owner.....E. Ginley, 131 5th Ave., San Francisco.

Architect...None. Day's work..... COST, \$3000

(986) NO. 57 TURK. Erect partition of 165 ft., lath and plaster.

Owner.....J. D. Phelan, 602 Phelan Bldg., San Francisco.

Architect...None. Contractor, R. D. McElroy, 696 Phelan Bldg., San Francisco.

COST, \$500

(987) NO. 2207 BUCHANAN. New front, brick veneer, install windows cornices, etc.

Owner.....A. Greenbaum, Premises. Architect...S. Heiman, Kohl Bldg., San Francisco.

Contractor, McMullen & Co., 561 Baker, San Francisco.

COST, \$1000

(988) E THIRTEENTH AVE 225 S Irving. Two-story and basement frame dwelling.

Owner.....Dr. Chas. J. McCarthy, Anglo Bldg., San Francisco.

Architect...None. Contractor, J. E. McCarthy, 1340 13th Ave., San Francisco.

COST, \$3000

(989) W THIRTY-THIRD AVE 75 N Irving. Two-story and basement frame dwelling.

Owner.....Oscar Swanson, 4066 18th, San Francisco.

Architect...None. Day's work..... COST, \$2250

(990) N WANDA 125 N Onondago. One-story and basement frame dwlg.

Owner.....K. Anderson, 317 Hearst Bldg., San Francisco.

Architect...None. Day's work..... COST, \$1500

(991) N WANDA 100 N Onondago. One-story and basement frame dwlg.

Owner.....K. Anderson, 317 Hearst Bldg., San Francisco.

Architect...None. Day's work..... COST, \$1500

(992) W THIRTY-THIRD AVE 50 N Irving. Two-story and basement frame dwelling.

Owner.....Oscar Swanson, 4066 18th, San Francisco.

Architect...None. Day's work..... COST, \$2250

(993) N UNION 24-8 E Fillmore E 37-10 N 37-6 S 62-6 S 30 E 24-8 S 57-6 Concrete work for two-story and basement frame store and lodging house.

Owner.....Charles Freimuth, 1644 Lombard, San Francisco.

Architect...None. Contractor, Jno. Schmidt.

Filed Mar. 26, '14. Dated Mar. 1, '14. Walls in place.....\$489.95

Floors and side walks finished 489.75

Usual 33 days..... 327.50

TOTAL COST, \$1306.00

Bond, limit, forfeit, none. Plans and specifications, none.

(994) NO. 2725 JACKSON. Alterations and additions to residence.

Owner.....Medardo Garcia, Premises. Architect...O'Brien Bros., Inc., 519 California, San Francisco.

Contractor, Frasier & Frasier, 859 Haight, San Francisco.

Filed Mar. 26, '14. Dated Mar. 20, '14. Payments every Saturday to the amount of receipted bills for labor and material plus 10% for supervision.....

D. K. Frasier to receive \$5.50 per day additional as manager of construction.....

TOTAL COST about \$12,000

Bond, none. Limit, 100 days. Forfeited, none. Plans and specifications filed.

(995) E SAN DIEGO WAY 205 N St Francis Blvd. being Lot 22 Bldg 12 St. Francis Wood. All work for two-story frame dwelling.

Owner.....Westgate Park Co., 80 Post, San Francisco.

Architect...Albert Farr, 68 Post, S. F. Contractor, Ellingson & Hult, 857 26th, San Francisco.

Filed Mar. 26, '14. Dated Mar. 25, '14.

Frame up \$ 675.00
 Sheathing on, roof completed 675.00
 Plastering finished inside and
 outside 675.00
 Completed and accepted..... 1077.00
 Usual 35 days..... **1035.50**
 TOTAL COST, \$1137.00
 Bond, \$2069. Surety, Pacific Coast
 Casualty Co. Limit, 80 days. Forfeit,
 \$5. Plans and specifications filed.

(996) S CLAY 147-6 W Jones W 50x
 S 114. Lathing and plastering for
 three-story and basement frame
 apartments.
 Owner.....Mrs. L. K. Emery, 1329
 Clay, San Francisco.
 Architect...W. G. Hind, 46 Kearny,
 San Francisco.

Filed Mar. 27, '14. Dated Mar. 17, '14.
 Brown coated \$950
 Completed and accepted..... 475
 Usual 35 days..... 475
 TOTAL COST, \$1900
 Bond, \$950. Sureties, J. S. and T. F.
 Guerin. Limit, 25 days after notifica-
 tion. Forfeit, \$20. Plans and specifi-
 cations filed.

(997) PLUMBING, GAS FITTING &
 sewerage on above.
 Contractor...J. L. Herger, 314 1st, S. F.
 Filed Mar. 27, '14. Dated Mar. 17, '14.
 Roughed in \$960
 Completed and accepted..... 480
 Usual 35 days..... 480
 TOTAL COST, \$1920
 Bond, \$960. Sureties, Geo. M. Zoro
 and Mrs. S. Sutter. Limit, 20 days from
 roughing and 10 days from finishing
 after notification. Forfeit, \$20. Plans
 and specifications filed.

(998) NW POST AND STOCKTON
 137-6xW 137-6. Concrete work for
 steel and concrete hotel building.
 Owner.....Blanche M. Burbank, Union
 Square Hotel, S. F.
 Architect...Macdonald & Macdonald,
 Holbrook Bldg., S. F.
 Contractor...Continental Pipe-roofing
 Co., Balboa Bldg., S. F.
 Filed Mar. 27, '14. Dated Mar. 21, '14.
 Semi-monthly on 1st and 15th of
 each month 75%
 Usual 35 days..... 25%
 TOTAL COST, \$19,000
 Bond, \$9500. Surety, Aetna Accident &
 Liability Co. Limit, 15 days after set-
 ting of roof joists. Forfeit, \$50. Plans
 and specifications, none.

(999) W ARGUELLO BOULEVARD 100
 S Anza 25x120. All work for two-
 story and basement frame flats.
 Owner.....F. E. and Annie I. Strana-
 han, 619 Arguello Blvd., S. F.
 Architect...Bernard J. Joseph, 1st National
 Bank Bldg., S. F.
 Contractor...J. D. Bell, Pacific Bldg.,
 San Francisco.
 Filed Mar. 27, '14. Dated Mar. 20, '14.
 Frame up \$1017.50
 Outside rustic and roof on..... 1017.50
 Completed 1017.50
 Usual 35 days..... 1017.50
 TOTAL COST, \$4070.00
 Bond, limit, forfeit, none. Plans and
 specifications filed.

(1000) SE FULTON AND COLE 25x
 82-6. All work for three-story and
 basement frame apartments.
 Owner.....Mrs. M. Maher, 2271 Fulton
 San Francisco.
 Architect...J. C. Hladik, Monadnock
 Bldg., San Francisco.

Contractor...J. B. Reite and B. R. Hal-
 ling, 110 Jessie, S. F.
 Filed Mar. 27, '14. Dated Mar. 17, '14.
 Roof on \$2184.25
 Brown coated 2184.25
 Finished and accepted 2184.25
 Usual 35 days..... \$8737.00
 TOTAL COST, \$8737.00
 Bond, none. Limit, 90 days. Forfeit,
 vs. Plans and specifications filed.

(1001) NO. 1695 PALM AVE. Concrete
 foundation and ratproof.
 Owner.....J. P. Oliver, Premises.
 Architect...None.
 Contractor...R. H. Morris, 1730 La Salle
 San Francisco.
 COST, \$400

(1002) SE FIFTH AN MARKET.
 Electric sign.
 Owner.....P. N. Varella, Premises.
 Architect...None.
 Contractor...Brumfield Elec. Sign Co.,
 18 7th, San Francisco.
 COST, \$450

(1003) N CARMEL 100 W Cole. Two-
 story and basement frame dwelling.
 Owner.....Andrew Lyon, 182 Liberty,
 San Francisco.
 Architect...None.
 Contractor...Lyon & Olsen, 182 Liberty,
 San Francisco.
 COST, \$3000

(1004) S ELLIS 137-6 W Hyde. Four-
 story and basement concrete (16)
 apartments.
 Owner.....Kincanon Constr. Co., 215
 Montgomery, S. F.
 Architect...J. G. Kincanon, 215 Mont-
 gomery, San Francisco.
 Day's work..... COST, \$23,000

(1005) NOS. 121, 123, 129, 133 AND 135
 Culebra Terrace. Advertising roof
 sign.
 Owner.....J. Chas. Green, 273 Val-
 encia, San Francisco.
 Architect...None.
 Day's work..... COST, \$2000

(1006) NO. 2298 BRODERICK. Con-
 struct private garage.
 Owner.....Mrs. C. Spencer, Premises.
 Architect...None.
 Contractor...Wilson & Christensen, 830
 Hearst Bldg., S. F.
 COST, \$400

(1007) E DE SOTO 250 N Urbano
 Drive. Two-story and basement
 frame dwelling.
 Owner.....Urban Realty & Imp. Co.,
 85 Cerritos Ave., S. F.
 Architect...Joseph L. Leonard, 85 Cer-
 ritos Ave., S. F.
 Day's work..... COST, \$4000

(1008) E HYDE 112-6 N Eddy. Three
 story and basement concrete (11)
 apartments.
 Owner.....J. G. Kincanon, 215 Mont-
 gomery, San Francisco.
 Architect...None.
 Day's work..... COST, \$17,500

(1009) NO. 203 VALENCIA. Repair
 front of restaurant.
 Owner.....Pal Gofas, Premises.
 Architect...None.
 Contractor...D. Chlentzas, 78 Rich, S. F.
 COST, \$400

(1010) NO. 2505 JONES. Construct
 new porches and stairs.

Owner.....A. P. Giannini Co., Bank of
 Italy Bldg., S. F.
 Architect...None.
 Day's work..... COST, \$500

(1011) SW MERCEDES WAY AND
 Paloma. Two-story and basement
 frame residence.
 Owner.....Urban Realty & Imp. Co.,
 85 Cerritos Ave., S. F.
 Architect...Joseph L. Leonard, 85 Cer-
 ritos Ave., S. F.
 Day's work..... COST, \$5000

(1012) SW CLAY AND JONES W 120
 xS 33-9. All work for three-story and
 basement frame apartments.
 Owner.....A. H. Herbert, 157 Powell,
 San Francisco.
 Architect...O'Brien Bros., Clunie Bldg
 San Francisco.
 Contractor...Peter Hamilton, Russ Bldg.
 San Francisco.

Filed Mar. 28, '14. Dated Mar. 27, '14.
 3rd floor joists set..... \$3885
 Roofed, enclosed & rough floored 3885
 Brown coated, elevator machinery
 in position 3885
 Standing finish on..... 3885
 Completed and accepted..... 3885
 Usual 35 days..... 6475
 TOTAL COST, \$25,900
 Bond, \$12,950. Surety, Pacific Coast
 Casualty Co. Limit, 100 days after
 completion of brick basement walls.
 Forfeit, none. Plans and specifications
 filed.

(1013) BLOCK BDED BY CALIFOR-
 nia, Sacramento, Jones and Taylor.
 Rough and finish carpenter work,
 etc., for Grace Cathedral Crypt.
 Owner.....Grace Cathedral Corpora-
 tion.
 Architect...Lewis P. Hobart, Crocker
 Bldg., San Francisco.

Contractor...The Beach-Robinson Co.,
 259 Geary, San Francisco.
 Filed Mar. 28, '14. Dated Mar. 17, '14.
 On 15th of each month..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$1484
 Bond, \$2242. Surety, The Aetna Acci-
 dent & Liability Co. Limit, June 1, '14.
 Forfeit, none. Plans and specifications
 filed.

INCORPORATIONS.

Umpire Liquor Co. Capital stock,
 \$10,000. Subscribed, 30 shares, \$10 each.
 Directors—A. E. Sather, H. Sather, C.
 F. Weld, 1 share each. Place of busi-
 ness, San Francisco.

The Resilio Corporation. Capital
 stock, \$10,000. Subscribed 200 shares,
 \$100 each. Directors—F. Seed, A. A.
 Wright, C. F. Bengler, 1 share each.
 Place of business, San Francisco.

Globe Film Exchange. Capital stock,
 \$5,000. Subscribed 60 shares, \$10 each.
 Directors—M. H. Kohn, F. M. Lilienthal,
 I. H. Lichtenstein, 2 shares each. Place
 of business, San Francisco.

Swayne & Hoyt. Capital stock, \$100,
 000. Subscribed, 500 shares, \$100 each.
 Directors—R. H. Swayne, J. G. Hoyt, F.
 G. Harper, R. J. Woods, E. J. Bailey,
 1 share each. Place of business, San
 Francisco.

Russian-American Exposition Co.
 Capital Stock, \$100,000; subscribed, \$150
 shares, \$10 each. Directors—T. J. Ser-
 derke, T. G. Meier, B. Hamilton, 5
 shares each. Place of business, S. F.

Green-American Exploitation Co.
 Capital Stock, \$50,000; subscribed \$125;

shares, \$4 in. Div. To George M. Petrucci, 411 Head St. San Francisco, 1 share each. Place of business, San Francisco.
 Sacramento Fruit Lands Co. Capital Stock, \$50,000, subscribed, \$300; shares, \$100 each. Directors—H. L. Clayberg, H. L. Corson, F. Little, 1 share each. Place of business, S. F.

NOTICE OF NON-LIABILITY.

Mar. 24, 1914—SW POWELL & ELLIS S 48xW 75. Benjamin H. Liehtenstein as to improvements on leased property

NOTICE OF NON-RESPONSIBILITY.

Mar. 24, 1914—E NINTH, bet. Harrison and Bryant; No. 425-427 9th. E A Davis as to improvements on leased property

COMPLETION NOTICES.

San Francisco.

Mar. 20, 1914—E HARRISON 50 S 18th S 75xE 124-3. Oakland Brewing & Malting Co. to Trevia & Pasquelli
 Mar. 20, 1914—S SUTTER 67-6 E Montgomery S 124-9 S 62-7 W 25 S 83-11% th along Market 92-5% N 92-6 W 50. Hobart Estate Co. to Foster Vogt Co.
 Mar. 20, 1914—S PACIFIC 75 W Hyde S 137-6 xW 62-6. Geo E Marshall to Collin
 Mar. 20, 1914—S SUTTER 67-6 E Montgomery S 124-9 S 62-7 W 25 S 83-11% th along Market 92-5% N 92-6 W 50. Hobart Estate Co. to Foster Vogt Co.
 Mar. 21, 1914—S GREENWICH — W Larkin W 27-6xS 46-3% L. Rousseau Realty Co. to Rousseau Realty Co.
 Mar. 21, 1914—W GUERRERO 39 N Cumberland 23x70. J and Fred Braun to Brutcher & Serna
 Mar. 23, 1914—W VAN NESS AVE 60 S Turk S 32xW 109-9. Charles D Farquharson to Collman & Collman
 Mar. 23, 1914—W TWENTY-NINTH AVE 75 S California 25x95. Beatrice Kunde to whom it may concern
 Mar. 23, 1914—LOTS 21 AND 22 BLK 3, Crocker Amazon Tract. Lena Winkler Farewell to L Duoguardi
 March 23, 1914—N BROADWAY 137-6 E Taylor 27-6x137-6. C Large to Wm L Terry
 Mar. 23, 1914—NW ELLIS & MASON W 97-6xN 60. Jennie M Blair to Otis Elev Co.
 Mar. 23, 1914—N CLIPPER 80 E Castro E 25xN 114. J J and Hannah O'Connell to Herman H Bergfeld
 Mar. 23, 1914—NW ATHENS 275 NE France Ave NE 25xNW 100 Blk 62. Excl H. J. James Gleason to whom it may concern
 Mar. 24, 1914—LOT 13 BLK 4 Crocker Amazon Tract United States Bldg Realty & Invst Society to whom it may concern. Mar. 10, 1914
 Mar. 24, 1914—S WASHINGTON 98-9 W Front W 30xS 120. Bianchi

Portly & Produce Co. to F Rohland
 Mar. 24, 1914—N VALPARISO 183 E Taylor E 23xN 40. G Ferari to G Chiappe
 Mar. 24, 1914—NE TONQUIN & DEVIDASERO E 893.75x1275. Panama-Pacific International Exposition Co. to Healy-Tibbitts Constr Co.
 Mar. 25, 1914—W STOCKTON 137-6 N Sutter N 59-6xW 60. Dr Julius Soboslay to Rainey & Phillips
 Mar. 25, 1914—S PINE 109 W Van Ness Ave W 45xS 120. Charles S. Howard to S F Elec Co. Mar. 25
 Mar. 25, 1914—W SPEAR & HOWARD NW 137-6xSW 68-9. Orville C. Pratt to John G Sutton Co.
 Mar. 25, 1914—S RICHLAND AVE 475 W Murray W 25xS 100. Henry Wagon to Wm Miller
 Mar. 25, 1914—N BUSH 69-9 E Leavenworth E 45-10 N 137-6 W 43-10 S 82-6 E 0-1% S 45 W 0-1% S 10. Ansonia Apartments to L A Hinson
 Mar. 26, 1914—SW OLIVE & LARKIN S 60xW 100. Metta Hacke to L M Zimmerman
 Mar. 26, 1914—SW OLIVE & LARKIN S 60xW 100. Metta Hacke to Jas P Conlan
 Mar. 26, 1914—W TWENTIETH AVE 175 S Lawton S 25xW 120. Carl or Carl F Ernst to S Moutani and G Stefanini
 Mar. 26, 1914—SW NOE & IRVING W 137-6 S 100 E 25 N 50 E 112-6 N 50. Joseph Reichel to Heckenroth & Schell
 Mar. 27, 1914—N SIXTEENTH 135 W Noe W 25xN 115. Annie Dohoney to Geo V McCausland. Mar. 26, 1914
 Mar. 27, 1914—N FRANCISCO 68-9 E Powell E 22-11xN 68-9. Frank N Busalacchi to Paul De Martini
 Mar. 27, 1914—E VAN NESS AVE 75 N Green N 25xE 125 E and L Autard to Peter Hansen
 Mar. 27, 1914—THIRTY-FIFTH AVE No. 822 120 S "C" S 30xE 120. Louis D Fadion to W H Upham
 Mar. 27, 1914—N BUSH adj East side Mills Bldg and fronting on Bush 68-9. Orden Mills to Gladding McBean & Co.
 Mar. 27, 1914—NW BUSH & CHATHAM Place W 84-4 N 137-6 E 87-6 S 137-6 Roman Catholic Archbishop of S F to Jno L McLaughlin
 Mar. 27, 1914—N SACRAMENTO 67-6 E Polk E 30xN 127-8% Thomas J Mannix, S B Kress, Ella Blackman and John Doe Blackman
 Mar. 14, 1914—S FULTON 82-6 E Gough 27-6x130. O Giannini and A Ratto to Ferdinand and Louisa Mertens
 Mar. 16, 1914—SW FOURTH 55 NW Folsom SW 25xSW 80. Golden Gate Structural & Ornamental Iron Works vs Isidore Rudee and Wm Van Herick
 Mar. 17, 1914—E LEAVENWORTH 112-6 S Eddy S 25xE 87-6. Hart-

Wood Lumber Co vs Burch & Hoffman Co and M J Hynes, Adm Est. Jacob Vits, dec'd
 Mar. 17, 1914—N FOLSOM 87-6 W 3rd 50xN 137-6. J Marconi vs Margaret A Kingsland & Gust Arliotis
 Mar. 17, 1914—S LINCOLN WAY 57-6 W 15th Ave W 25xS 120. Pioneer Plate & Window Glass Co vs Sol Getz & Son, Inc.
 Mar. 17, 1914—S HAIGHT 31-3 E Pierce E 75xS 100. J A Miller vs Chas C Terrill Estate Co, W A Terrill and C C Terrill
 Mar. 19, 1914—N BROADWAY 171-10% W Grant Ave W 68-9xN 137-6. Finnala & Seahom vs Nellie Harris Antonia and Rosa Demartini
 Mar. 19, 1914—E LEAVENWORTH 112-6 S Eddy S 25xE 87-6. L A Taylor vs Terranova Bros.
 Mar. 18, 1914—W BRODERICK 130 S Lombard S 25xW 107-6. J Sandberg vs J A Cardinelli
 Mar. 19, 1914—N CALIFORNIA 112-6 W Spruce N parallel with W Spruce 132-7% xW 27-6. J Piconi vs John F Haner, James Tarbett and Fred Knott
 Mar. 19, 1914—W THIRTY-SEVENTH AVE 225 S Lincoln Way S 150x120. S Ginsberg & Co vs Lincoln U Grant
 Mar. 20, 1914—E LEAVENWORTH 112-6 S Eddy S 25xE 87-6. I Epp vs Burch-Hoffman Co, M J Hynes, Adm Estate Jacob Vits
 Mar. 21, 1914—N VALLEJO 99 W Laguna W 106xN 137-6. J A Macdonald (as Humboldt Lumber Co) vs Alma Spreckels and J W Carr (The above lien was released shortly after filing)
 Mar. 21, 1914—N GREEN 193-3% W Jones W 45xN 120. Roy W McNeill vs George A Bos Co, Thomas W Alton and The Mass Bonding & Ins Co of Mass.
 Mar. 23, 1914—E THIRTY-SEVENTH AVE 125 N Irving N 25xE 120. G Viglino vs Anna Bellanca
 Mar. 23, 1914—N GREEN 193-3% W Jones W 45xN 120. W A Goerlicke vs The George A Bos Co
 Mar. 23, 1914—NW EMBARCADERO and Clay NW 142 m or l to southern line of Merchant W 35 m or l S 115 E 117-6 m or l. Michel & Pfeffer vs Chas H Holbrook Jr, Wm L McGuire and Zenith Iron Works
 Mar. 24, 1914—W BRODERICK 130 S Lombard W 106-3xS 25. J Piconi vs John A Cardinelli, Jas Tarbett and Fred Knott
 Mar. 25, 1914—NE COLE & RIVOLE Joseph Silvia vs C E Reinhart
 Mar. 25, 1914—E LEAVENWORTH 112-6 S Eddy S 25xE 87-6. Terranova Bros vs Burch-Hoffman Co and M J Hynes, adm Estate Jacob Vits, dec'd
 Mar. 26, 1914—E LEAVENWORTH 112-6 S Eddy S 25xE 87-6. Standard Portland Cement Corp vs Burch-Hoffman Co and Jacob Vits, dec'd
 Mar. 27, 1914—N GREEN 193-3% W Jones W 45xN 120. J K Stewart vs The George A Bos Co
 Mar. 27, 1914—LOT 56 GIFT MAP 3. Chas Ashinger vs N P and Anna Paulson
 Mar. 27, 1914—SE LEE AVE and Holloway Ave E 50xS 100. P O Preston vs Frank T Estey and Frank M Sponigal

LIENS FILED

San Francisco.

Mar. 14, 1914—N SACRAMENTO 67-6 E Polk E 30xN 127-8%. Thomas J Mannix, S B Kress, Ella Blackman and John Doe Blackman
 Mar. 14, 1914—S FULTON 82-6 E Gough 27-6x130. O Giannini and A Ratto to Ferdinand and Louisa Mertens
 Mar. 16, 1914—SW FOURTH 55 NW Folsom SW 25xSW 80. Golden Gate Structural & Ornamental Iron Works vs Isidore Rudee and Wm Van Herick
 Mar. 17, 1914—E LEAVENWORTH 112-6 S Eddy S 25xE 87-6. Hart-

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE—2 story and base, frame, \$4,000. Berkeley, Alameda Co., Cal. Architect, J. W. Pischke, Acheson Bldg., Berkeley. Owner, Joel H. Hildegard. The dwelling will be erected in the northeast section of Berkeley and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine throughout. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared for the work.

RESIDENCE—2 story and base, frame, \$4,000. Oakland, Cal. Architect, none. Owner, F. T. Malley, 3001 Grove street, Oakland. The dwelling has been designed for a nine-room house with two baths, and will be erected on 42nd street. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Bath rooms will be finished in tile and will have composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$4,000. Berkeley, Alameda Co., Cal. Architect, Julia Morgan, Merchants' Exchange Bldg., S. F. Owner, George F. Bell. The dwelling will be erected in Northbrae Tract, and has been designed to contain six rooms, bath and sleeping porch. Interior will be finished in pine and redwood with some hardwood floors and beam ceilings. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCES—2, 2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, H. L. Johnson. These two houses will be erected in the Claremont Tract and each has been designed to contain seven rooms, bath and sleeping porch. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Automatic water heaters will be installed. There will be tile wainscot in the bath rooms and kitchens and composition floors in the baths. Exteriors will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$5,000. Berkeley, Alameda Co., Cal. Architect, Leonard H. Ford, 2125 Center street, Berkeley. Owner, Mrs. C. Alger. The dwelling will be erected

in Thousand Oaks Park, and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and redwood. Oak floors and beam ceilings will also be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared. Work will probably be done by Day Labor.

RESIDENCE—2 story and base, frame, \$6,500. Piedmont, Alameda Co., Cal. Architect, C. W. McCall, Central Bank Bldg., Oakland. Owner, Mr. Alberger. The dwelling will be erected near Piedmont Park and will contain eight rooms, two baths and sleeping porches. Interior finish will be of pine, redwood and hardwood. Oak and inlaid floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have composition floors and tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Harris Allen, 2514 Hillegass avenue, Berkeley. Owner, J. W. McKibben. The dwelling will be erected on Piedmont avenue near Dwight Way and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be largely of pine. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater is specified. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$3,000. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, R. A. McWilliam. The dwelling will be erected on Arroya street and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be finished with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$3,500. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, P. Lindblad. The house will be erected on Grand avenue and will contain seven rooms and bath. Interior finish will be largely of pine with some hardwood veneer. Oak floors will be used in the dining room, living room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath

room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. All materials will be purchased by the architect.

APARTMENT HOUSE—2 story and base, frame, \$18,000. Oakland, Cal. Architects, Elite Planners 1844 5th avenue, Oakland. Owner's name withheld. The building will be erected on Grand avenue and has been designed to contain a total of twelve suites arranged in three rooms each. Interior finish will be of pine with some hardwood veneer and beam ceilings. Plans provide for steam heat and a hot water supply. All suites will have private baths and wall beds. Bath rooms will have composition floors and tile wainscot. Entrance will be finished in tile and marble. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared. Further mention will be made of this work.

APARTMENT HOUSE—2 story and base, frame, \$10,000. Berkeley, Alameda Co., Cal. Architect, Julia Morgan, Merchants' Exchange Bldg., S. F. Owner, Mr. H. Merritt. The building has been designed to contain eight suites of three and four rooms and will be centrally located. Interior finish will be of pine and redwood with some hardwood floors and veneer. All apartments will have wall beds and private bath rooms. Plans provide for a central heating system and hot water supply. Bath rooms will be finished in tile and will have composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

CHURCH WIRING—Cost not stated. Oakland, Cal. Architect, G. Albert Langsbrough, 709 Mission street, S. F. Owners, First Hebrew Congregation of Oakland. Plans for the electric work in the new church building to be erected at the corner of 28th and Webster streets have been revised and new figures will be called for at once.

FIREHOUSES—3, 2 story and base, frame, \$5,000 each. Berkeley, Alameda Co., Cal. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, City of Berkeley. Bids opened for this work were taken under advisement until the next meeting of the City Council. A complete list of the bids received will be found under the heading of Alameda County in this issue.

LODGE HALL—3 story and base. Class A construction, \$250,000. Oakland, Cal. Architect, A. J. Mazurette, Albany Bldg., Oakland. Owners, Oakland Moose Hall Association. This work was mentioned in last week's issue, but since then the announcement of the selection of a site has been made. The building will be erected on Telegraph avenue near 17th. Working drawings are being prepared. Further mention will be made of the work.

BUNGALOW—1 story and base, frame, \$2,500. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, J. W. Baughman. The dwelling will be erected in the Temescal District, and has been designed by Day Labor.

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signed for a five-room house with bath, blue and redwood interior finish. There will be a large open fire place in the living room and tile mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster. Plans are being prepared and when complete the work will be done by Day Labor.

BUNGALOW — 1 story and base frame, \$2,500. Piedmont, Alameda Co., Cal. Architects: Elsie Planners, 1841 3th avenue, Oakland. Owner, Mr. Brasch. The dwelling has been designed for a five-room house. Interior finish will be of pine or redwood throughout. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the

living room with a tile mantel. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

RESIDENCE — 2 story and base frame, \$3,500. Berkeley, Alameda Co., Cal. Architect, none. Owner, Louis O. Hansson, 2116 Bancroft Way, Berkeley. The dwelling will be erected on Spruce street and has been designed for a seven-room house with bath. Interior finish will be largely of pine. Some hardwood floors will be used. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work

Many Bidders For Berkeley Fire Houses.

Contracts For Three Buildings to be Awarded at the Next Meeting of The City Council.

Bids were opened on Friday by the Berkeley City Council for the construction of three new frame fire stations, designed by Architect W. J. Hatcliff Jr. Awards were not made but all figures were taken under advisement until Tuesday next. A complete list of the figures opened follows:

Fire House No. 7.

C. Texdahl	\$1,598.00
H. P. Nelson	4,500.00
Porter Bros.	4,530.00
O. B. Ackerman & Son	4,750.00
J. Wendering	4,575.00
McSheehy Bros.	3,728.00
Gaspard & Hammond	4,730.27
Phil Sheridan	4,823.00

Fire House No. 8.

J. A. Pinkerton	\$4,585.00
H. P. Nelson	4,465.00
William L. Boldt	4,650.00
J. Wendering	4,600.00
O. B. Ackerman & Son	4,415.00
Porter Bros.	4,750.00
C. Texdahl	4,395.00
McSheehy Bros.	4,992.00
Gaspard & Hammond	4,301.57
Hughson & Donnelly	4,997.85
Phil Sheridan	4,667.00

Fire House No. 9.

Porter Bros.	\$4,685.00
J. A. Pinkerton	4,423.00
H. P. Nelson	4,380.00
Phil Sheridan	4,465.00
O. B. Ackerman & Son	4,148.00 (garden and walks not included)
J. Wendering	4,550.00
McSheehy Bros. (garden not included)	4,624.00
Gaspard & Hammond	4,404.77

Building Contracts Awarded Oakland.

No.	Owner	Contractor	Am't.
688	Okd Hm Bldrs.	Almquist	2000
689	Colby	Woodward	3500
690	Desmond	Aitchinson	2000
691	Fuller	Chase	3000
692	Clark	Clark	4500
693	Ono	Ono	2100
694	Peterson	Hambleton	2400
695	Federal	Llewellyn	5685
697	Ferstein	Peters	4250
698	Woodberry	Kulchar	500
702	Fairs	Bresbach	1600
703	Gelbke	Frankford	1750
704	Kunferford	Owner	2500
705	Ratto	Uella	15
707	Scheffo	Lindskog	400
708	Greater Okd	Owner	500
709	Chowder	Williams	200
710	Jump	Burkes	2500
711	Crawford	Scott	200
712	Desmond	Aitchinson	1908
713	Thurston	Northrup	2500
714	Anderson	Anderson	2500
715	Bell	Stewart	2500
716	Larmer	Larmer	2500
721	Bolts	Bolts	2000
722	Faria	Silva	1600
723	Moller	Aalto	3225
724	De Luchi	Pittner	1921
725	Thomas	Alert	2500
726	Schwartz	Ward	450
727	Jonas	Scott	400
728	Hogan	Hogan	400
729	Torris	Bond	425
730	McGorty	Larsen	1800
731	De Costa	Butler	2500
732	Prick	Prick	1900
733	Merrill	Merrill	400
734	Griffith	Griffith	2000
735	Malley	Malley	3500
736	Upward	Upward	2500
737	Wren	Wren	1800

743	Cal Conf Ass'n.....Webb	2000
744	Dea.....Hollenbeck	1800
745	Same.....Same	1800
746	Nelson.....Nelson	1500
749	Williams.....Graham	23500
750	Affolter.....Aalto	3226
751	Gross.....Armstrong	550
752	Idora.....Idora	1000
753	Hinch.....Parker	2500
754	Prang.....Prang	2500
755	Same.....Same	2500
756	Same.....Same	2500
757	McGhee.....McGhee	1000
758	McCants.....Konyon	500
760	Mein.....Brophy	600
761	Boumbaugh.....Odion	850
762	Nelson.....Christiansen	400
763	Ciacimio.....Wm Iron	7550
764	Plaa.....Legault	1750

(688) LAKE AVE near Greenbank, Piedmont. Five-room bungalow. Owner.....Oakland Home Bldrs., 945 Kingston Ave., Piedmont. Architect...None. Contractor...John Alquist, 14 Croxton Ave., Oakland. COST, \$2000

(689) E THIRTEENTH AVE 200 S Delores, Oakland. One and one-half story 8-room dwelling. Owner.....Sadie E. Colby, Oakland. Architect...None. Contractor...E. W. Woodard, 2645 13th Ave., Oakland. COST, \$3500

(690) S E-EIGHTEENTH 40 W 9th Ave., Oakland. One-story 6-room dwelling. Owner.....P. Desmond, 1650 9th Ave., Oakland. Architect...None. Contractor...Aitchinson & Son, 624 Taylor Ave., Alameda. COST, \$2000

(691) — DELAWARE 200 W Maple, Oakland. One and one-half-story 6-room dwelling. Owner.....H. M. Fuller, 1444 79th Ave., Oakland. Architect...None. Contractor...A. B. Chase, 1521 79th Ave., Oakland. COST, \$3000

(692) NE FOURTEENTH & PERALTA Oakland. One-story photo theatre and store. Owner.....Wallace Clark, 1131 Oakland Ave., Oakland. Architect...None. Day's work..... COST, \$4000

(693) W MANILA AVE 474 S Clifton, Oakland. One-story 5-room dwelling. Owner.....Fred Oma, 2123 11th Ave., Oakland. Architect...None. Day's work..... COST, \$2100

(694) S MONTELL 580 E Piedmont Ave., Oakland. One and one-half-story 6-room dwelling. Owner.....J. W. Peterson, 66 Montell, Oakland. Architect...None. Contractor...Fred Hambleton, 575 43rd, Oakland. COST, \$2400

(695) 33.27 FROM E TELEGRAPH Ave and W Broadway N 108.83 NW 36.86 S 104 SE 8.70, Oakland. Painting for 12-story and basement Class "A" office building. Owner.....Federal Realty Co. Architect...B. G. McDougall, Sheldon Bldg., San Francisco. Contractor...J. Lewellyn Co., 1635 Broadway, Oakland. Filed Mar. 23, 1914. Dated Mar. 13, '14.

Once a month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$
Bonds, \$2842.50 and \$2842.50, Surety. Southwestern Surety Ins. Co. Limit, 45 days. Forfeit, \$125. Plans and specifications filed.

(697) NW GRAND & ELWOOD AVES W 109.03 NE 34.33 SW 105.83 S 43.06, Oakland. One-story 6-room dwelling and garage. Owner.....Louis Bernstein, 705 Broadway, Oakland. Architect...Hiram King Lovell, South Berkeley Bank Bldg., Bkly. Contractor...Fred Peters, 339 Portland Ave., Oakland.

Filed Mar. 23, '14. Dated Mar. 17, '14.
1st floor joists set..... \$ 797
Ready for plaster..... 797
Ready for finish..... 797
Completed and accepted..... 797
Usual 35 days..... 1062
TOTAL COST, \$4250
Bond, \$1075. Surety, American Surety Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(698) NOS. 311-13 SEVENTH, Oakland. Fire repairs. Owner.....Mrs. Woodberry, Premises. Architect...None. Contractor...S. Kulchar, 518 4th, Okd. COST, \$500

(702) S THIRTIETH 125 W Union, Oakland. One-story 6-room dwlg. Owner.....M. Tavis, 2916 Union, Okd. Architect...None. Contractor...Geo. E. Dresbach, 3139 Henrietta, Oakland. COST, \$1600

(703) E PERALTA AVE 206 N Davis, Oakland. One-story 5-room dwlg. Owner.....Gelbke Bros., 2814 Peralta, Oakland. Architect...None. Contractor...Dea Frankford, 715 39th, Oakland. COST, \$1750

(704) E MAGNOLIA 200 S 30th, Oakland. One-story 3-room dwelling and garage. Owner.....Thos. Rutherford, 985 35th, Oakland. Architect...None. Day's work..... COST, \$2200

(705) S SEVENTEENTH 25 W Cypress Oakland. One-story 6-room dwelling. Owner.....Antone Ratto, 1405 17th, Oakland. Architect...None. Contractor...D. Ucello, 434 Avon, Okd. COST, \$1650

(707) W NINETY-FOURTH AVE 175 S "A," Oakland. One-story three-room dwelling. Owner.....Biagio Scheffo, 1238 91th Ave., Oakland. Architect...None. Contractor...N. A. Lindskog, 609 10th, Oakland. COST, \$1400

(708) NO. 1440 SAN PABLO AVE., Oakland. Marquee. Owner.....Greater Oakland Cloak Co. Premises. Architect...None. Day's work..... COST, \$500

(709) NOS. 5923-25 WHITNEY, Oakland. Alterations. Owner.....Smith Chowder, 165 Santa Rosa Ave., Oakland. Architect...None. Contractor...Geo. Williams, 5973 Shattuck Ave., Oakland. COST, \$500

(710) N GLENDALE AVE 90 S Clifton, Oakland. One and one-half-story 7-room dwelling. Owner.....C. D. Jump, 857 52nd, Okd. Architect...None. Contractor...C. E. Burkes, 3117 Genua, Oakland. COST, \$2500

(711) W DIAMOND AVE 625 N Hopkins, Oakland. Two-story addition to dwelling. Owner.....Mrs. T. O. Crawford, 510 28th, Oakland. Architect...None. Contractor...G. A. Scott, 685 23rd, Okd. COST, \$2000

(712) W EIGHTEENTH, bet 8th and 9th Aves, 40 from 9th Ave., 40x100, Oakland. All work for one-story 6-room dwlg. Owner.....P. Desmond, 1650 9th Ave., Oakland. Architect...None. Contractor...Aitchinson & Son, 624 Taylor Ave., Alameda.

Filed Mar. 24, '14. Dated Mar. 21, '14.
Frame up..... 1/4
Rough coat plaster..... 1/4
Completed..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$1998
Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

(713) NO. 1717 TWENTY-SIXTH AVE Oakland. Addition. Owner.....Robt. Thurston, Premises. Architect...None. Contractor...Geo. H. Northrup, 1824 90th Ave., Oakland. COST, \$500

(714) NE MANILA AVE & GLENDALE Oakland. Two-story 6-room dwlg. Owner.....A. P. Anderson, 622 47th, Oakland. Architect...None. Day's work..... COST, \$2500

(715) S FORTY-SECOND 200 E West, Oakland. One-story 5-room dwlg. Owner.....G. R. Bell, 616 41st, Okd. Architect...None. Contractor...B. A. Stewart, 616 41st, Oakland. COST, \$2300

(716) W HADDEN ROAD 300 N Clifton Ave., Oakland. Two-story six-room dwelling. Owner.....Ed. Larner, 470 Boulevard way, Oakland. Architect...None. Day's work..... COST, \$2500

(721) S HARPER COURT 220 W 35th Ave., Oakland. One-story 5-room dwelling. Owner.....M. C. Bolts, 3116 Central Ave., Alameda. Architect...None. Day's work..... COST, \$2000

(722) W KING AVE 545 N E-14th, Oakland. One-story 5-room dwlg.

Owner.....Joe Faria E-14th and
Fruitvale Ave., Oakland.
Architect.....None
Contractor.....Silva & Luzane, 2869 Ford,
Oakland.

COST, \$1600

(723) S KEITH AVE 51 E McMillan,
Oakland. One and one-half-story 3-
room dwelling.
Owner.....P. H. Affolter, 2330 Car-
lton, Berkeley.

Architect.....None.
Contractor.....E. J. Aalto, 1531 California
Oakland.

COST, \$3236

(725) LOT 24 BLK 1334 Peautry and
Peladeau Tract, Oakland. All work
for one-story six-room and basement
dwelling.

Owner.....Mrs. Pauline De Luchi,
Oakland.
Architect.....None.
Contractor.....Jos. Flittner, 1700 35th
Ave., Oakland.

Filed Mar. 25, '14. Dated Mar. 20, '14.

Frame up 1/4
1st coat plaster on 1/4
Completed and accepted 1/4
Usual 35 days 1/4

TOTAL COST, \$1924
Bond, none. Limit, 70 days after Mar.
23. Forfeit, \$1. Plans and specifica-
tions filed.

(726) SE COR. E-THIRTY-SECOND &
Stuart E 30. S 100, Oakland. All
work for one-story frame dwlg.
Owner.....Anna Ellen Thomas, Okd.
Architect.....None.

Contractor.....The Alert Bldg. Co., E-
32nd and Stuart, Oakland.

Filed Mar. 25, '14. Dated Mar. 25, '14.

Frame up 1/4
Rough coat plaster on 1/4
Completed and accepted 1/4
Usual 35 days 1/4

TOTAL COST, \$2300
Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

(727) S LINDEN Cor 30th, Oakland.
One-story store.

Owner.....Schwartz Bros.
Architect.....None.
Contractor.....R. S. Ward.

COST, \$450

(729) SW THIRTEENTH & BROAD-
way, Oakland. Alterations.
Owner.....H. Jonas, NW 11th and
Broadway, Oakland.

Architect.....None
Contractor.....G. A. Scott, 685 23rd, Okd.

COST, \$400

(730) SECOND 70 W Alice, Oakland.
Addition.

Owner.....Hogan Lumber Co., Prem.
Architect.....None
Day's work.

COST, \$100

(731) NO. 1300 CENTER, Oakland.
Alterations.

Owner.....G. Torris, 1302 Castro,
Oakland.
Architect.....None.

Contractor.....J. R. Bond, 717 Castro,
Oakland.

COST, \$425

(732) SE THIRTY-SIXTH AVE AND
Rehmer, Oakland. One-story five-
room dwelling.

Owner.....P. F. McGorty, 644 36th
Ave., Oakland.

Architect.....None.
Contractor.....R. K. Larsen, 3337 Elm-
wood Ave., Oakland.

COST, \$1800

(733) NW RAWSEN AND TRASK,
Oakland. One-story 6-room dwlg.
Owner.....J. De Costa, 347 59th, Okd.

Architect.....None.
Contractor.....H. S. Butler, 5319 Manila
Ave., Oakland.

COST, \$2500

(734) E EIGHTY-SECOND AVE 100
N Franklin, Oakland. One-story 4-
room dwelling.

Owner.....W. Prisk, 2634 E-16th, Okd
Architect.....None.
Day's work.

COST, \$1200

(735) W THIRTY-NINTH AVE 200
N Carrington, Oakland. One-story 3
room dwelling.

Owner.....Mrs. F. Merrill, 1224 41st
Ave., Oakland.
Architect.....None.

Contractor.....E. Merrill, 1224 41st Ave.,
Oakland.

COST, \$400

(736) N WALNUT AVE 121.81 E Lila
Oakland. One-story 6-room dwlg.
Owner.....T. Griffith, 56 Lafayette,
San Francisco.

Architect.....None.
Day's work.

COST, \$200

(738) N FORTY-SECOND 290 E West,
Oakland. Two-story 9-room dwlg.
Owner.....F. T. Malley, 3001 Grove,
Oakland.

Architect.....None.
Day's work.

COST, \$3800

(741) S JOHN 200 E Gilbert, Oakland.
One and one-half-story 6-room dwlg.
Owner.....W. Upwards, 242 John,
Oakland.

Architect.....None.
Contractor.....F. N. Strang, 1331 8th,
Alameda.

COST, \$2500

(742) N E-TWENTY-THIRD 265
19th Ave., Oakland. One-story five-
room dwelling.

Owner.....B. A. Wren, 1732 E-23rd,
Oakland.
Architect.....None.

Contractor.....J. E. Wren, 1732 E-23rd
Oakland.

COST, \$1800

(743) W HARRINGTON 100 N San
Juan, Oakland. One-story five-room
church.

Owner.....Cal. Conference Ass'n., 537
25th, Oakland.
Architect.....None.

Contractor.....T. W. Webb.

COST, \$2000

(744) S WADEAN PLACE 110 W 55th
Ave., Oakland. One-story 5-room
dwelling.

Owner.....Dean & Wade.
Architect.....None.

Contractor.....G. B. Hollenbeck, 5210
Fairfax Ave., Oakland.

COST, \$1800

(745) S WADEAN PLACE 220 W 55th
Ave., Oakland. One-story five-room
dwelling.

Owner.....Dean & Wade.
Architect.....None.

Contractor.....G. B. Hollenbeck, 5210
Fairfax Ave., Oakland.

COST, \$1800

(746) E RHODA AVE 58 N Hopkins,
Oakland. One-story 5-room dwlg.
Owner.....P. E. Nelson, 3522 Rhoda
Ave., Oakland.

Architect.....None.
Day's work.

COST, \$1000

(749) E FRANKLIN 256 N 14th E 150
XN 65, Oakland. All work for two-
story frame and brick photo theatre.

Owner.....Thomas S. Williams, 693
Mission, San Francisco.
Architect.....C. H. Miller, Dalziel Bldg.,
Oakland.

Contractor.....David Elms Graham, 693
Mission, San Francisco.

Filed Mar. 27, '14. Dated Mar. 25, '14.
1st day of each month 75%
Usual 35 days 25%

TOTAL COST, \$23,500
Bond, limit, forfeit, none. Plans and
specifications filed.

(750) KEITH AVE 51 from McMillan
Ave 43x120, being Lot 30 McMillan
Tract, Oakland. All work except
finish hardware, light fixtures and
window shades for one and one-half-
story dwelling.

Owner.....P. H. Affolter, 2330 Carlton,
Berkeley.

Architect.....None.
Contractor.....E. J. Aalto, 1531 California,
Berkeley.

Filed Mar. 26, '14. Dated Mar. 19, '14.

Frame up 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 35 days 1/4

TOTAL COST, \$3236
Bond, \$1613. Surety, Fidelity & De-
posit Co. Limit, 90 day Forfeit, none
Plans and specifications filed.

(751) NO. 315 PERRY, Oakland. Gar-
age.

Owner.....Chas. Gross, Premises.
Architect.....None.

Contractor.....Chas. Armstrong, 952 25th,
Oakland.

COST, \$500

(752) FIFTY-SIXTH & TELEGRAPH
Ave., Oakland. Motordrome.

Owner.....Idora Park Co., Premises.
Architect.....None.

Contractor.....Chas. Armstrong, 952 25th,
Oakland.

COST, \$1000

(753) N FORTY-NINTH 33 E Manila
Ave., Oakland. One-story five-room
dwelling.

Owner.....E. M. Hinch, 1540 Broad-
way, Oakland.

Architect.....None
Contractor.....Farmer & Michelson, 1510
Broadway, Oakland.

COST, \$2500

(754) E SIXTY-SIXTH AVE 120 S
Arthur, Oakland. One-story five-room
dwelling.

Owner.....C. J. Pfrang, 5187 Clare-
mont Ave., Oakland
Architect.....None.

Day's work.

COST, \$2500

(755) E SIXTY-SIXTH AVE 80 S
Arthur, Oakland. One-story 5-room
dwelling.

Owner.....C. J. Pfrang, 5487 Clare-
mont Ave., Oakland.
Architect.....None.

COST, \$2500

Building Contracts Awarded

Berkeley.

No.	Owner	Contractor	Am't.
696	Miller	House	6932
699	Woolsey	Kidder	450
700	United Bldrs	Owner	1200
701	Goebel	Kerns	1000
706	Horne	Porter	1000
717	Un Inv	Un Inv	1000
718	Bredchoft	Bredchoft	1200
719	Nelson	Nelson	2300
720	Keller	Ekstrom	1400
724	Hauser	Ernsberger	3380
728	Finnell	Wiley	450
737	Shannon	Grandin	1500
739	Werner	Werner	1500
740	Sipila	Sipila	1200
747	Hansson	Hansson	3500
759	Smith	Sorensen	500

(696) LOT 3 BLK "F" Map Claremont Court, Berkeley. All work for two story and basement frame dwelling. Owner.....C. E. Miller, Berkeley. Architect.....Harris Allen, 2514 Hille-gass Ave., Berkeley. Contractor..Jacob House, 1818 Hearst Ave., Berkeley.

Filed Mar. 23, '14. Dated Mar. 23, '14.
Frame up ¼
1st coat plaster on..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼

TOTAL COST, \$6932

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(699) NO. 2104 SHATTUCK AVE., Berkeley. Alterations. Owner.....W. E. Woolsey, Berkeley. Architect.....None. Contractor..Kidder & McCullough, 2075 Addison, Berkeley.

COST, \$450

(700) W STANTON 360 S Ashby Ave., Berkeley. One-story 5-room dwlg. Owner.....United Home Bldrs., 1762 Broadway, Oakland. Architect.....None. Day's work. COST, \$1200

(701) LOT 2219 OREGON (rear), Berkeley. One-story 4-room dwelling. Owner.....Mrs. Goebel, Premises. Architect.....None. Contractor..A. T. Kerns, 2219 Russell, Berkeley.

COST, \$1000

(706) NE VIRGINIA & LA LOMA, Berkeley. Alterations. Owner.....Wm. F. Horne, 1701 Virginia, Berkeley. Architect.....None. Contractor..H. H. Porter, 2616 Cedar, Berkeley.

COST, \$1000

(717) S DWIGHT WAY 900 W San Pablo Ave., Berkeley. One-story 5-room dwelling. Owner.....Union Investment Co., 2516 Sun Pablo, Berkeley.

Architect.....None. Day's work. COST, \$1000

(718) SW DWIGHT WAY 703 E San Pablo Ave., Berkeley. One-story 4-room dwelling. Owner.....J. L. Bredchoft, 2017 Woolsey, Berkeley. Architect.....None. Day's work. COST, \$1200

(719) E MONTEREY AVE 110 S Posen, Berkeley. One and one-half-story 7-room dwelling.

Owner.....Oscar E. Nelson, 525 66th, Oakland.

Architect.....None. Day's work. COST, \$2800

(720) S TYLER 187½ S California, Berkeley. One-story 5-room dwlg. Owner.....C. D. Keller, 2044 Encinal Ave., Alameda. Architect.....None. Contractor..Carl Al. Ekstrom, 1645 Fairview, Berkeley.

COST, \$1400

(724) LOT 1 BOYD PLACE on Claremont Ave., Berkeley. All work for one-story frame dwelling. Owner.....Mrs. Margaret Houser, Oakland.

Architect.....George Anderson, 6046 Lawton Ave., Oakland.

Contractor..Ernsberger & Dildine, 325 59th, Oakland.

Filed Mar. 25, '14. Dated Mar. 25, '14.
Roof sheathed ¼
Floor laid and exterior finished and primed ¼
Completed and accepted..... ¼
Usual 35 days..... ¼

TOTAL COST, \$3580

Bond, \$1790. Surety, Aetna Accident & Liability Co. Limit, 60 days. Forfeit, \$1. Plans and specifications filed.

(728) E COLLEGE AVE 120 S Webster Berkeley. Garage. Owner.....J. Pinnell. Architect.....None. Contractor..J. M. Wiley, 1718 Hearst Ave., Berkeley.

COST, \$450

(737) S BRISTOL 82 W Curtis, Berkeley. One-story 5-room dwlg. Owner.....J. M. Shannon, 17th and Telegraph Ave., Oakland. Architect.....None. Contractor..E. Grandin, 2748 Baker, Berkeley.

COST, \$1500

(739) W WALLACE 100 N Oregon, Berkeley. One-story 5-room dwlg. Owner.....Chas. A. Werner, 2416 10th, Berkeley. Architect.....None. Day's work. COST, \$1500

(740) S GRAYSON 130 W Ninth, Berkeley. One and one-half-story five-room dwelling. Owner.....August Sipila, 1726 10th, Berkeley. Architect.....None. Day's work. COST, \$1200

(747) W SPRUCE 600 N Los Angeles, Berkeley. Two-story 8-room dwlg. Owner.....Louis O. Hansson, 2116 Bancroft Way, Oakland. Architect.....None. Day's work. COST, \$3500

(759) SW PIEDMONT AVE & DWIGHT Way, Berkeley. Alterations. Owner.....Smith, San Francisco. Architect.....None. Contractor..Walter Sorensen, 3219 Ellis, Berkeley.

COST, \$500

BUILDING CONTRACTS.

Alameda.

No.	Owner	Contractor	Am't.
682	Pollard	Rockingham	1900
683	Tyson	Jones	800

(756) E SIXTY-SIXTH AVE 40 S Arthur, Oakland. One-story 5-room dwelling.

Owner.....C. J. Pfrang, 5187 Claremont Ave., Oakland.

Architect.....None. Day's work. COST, \$2500

(757) W CONGRESS AVE 300 S Vicksburg, Oakland. One-story 4-room dwelling.

Owner.....G. W. McGehee, 1730 41st Ave., Oakland.

Architect.....None. Day's work. COST, \$1000

(758) E BIRDSAIL 550 N Moreom Ave., Oakland. One-story five-room dwelling.

Owner.....M. McCants, 709 Holbrook Bldg., San Francisco.

Architect.....None. Contractor..Kenyon-Pacific Co., Market and Franklin, S. F.

COST, \$500

(760) SE JACKSON AND LAKE, Oakland. Alterations.

Owner.....Mrs. May Mein, Premises. Architect.....None.

Contractor..P. J. Brophy, 3278 West, Oakland.

COST, \$600

(761) NO. 2728 THIRTY-FIFTH AVE., Oakland. Alterations and additions. Owner.....J. L. Boumbaugh, Premises. Architect.....None.

Contractor..W. M. Odion, Premises, Oakland.

COST, \$850

(762) NO. 2571 FOOTHILL BLVD., Oakland. tank frame. Owner.....Chas. Nelson, Premises. Architect.....None.

Contractor..N. Christiansen, 1745 24th Ave., Oakland.

COST, \$400

(763) W BROADWAY 125 N 17th N 25xW 127-5, Oakland. Structural steel for two-story and basement steel frame store and office building. Owner.....R. and M. Cianciarulo, Oakland.

Architect.....Wm. Wilde, Albany Block, Oakland.

Contractor..Western Iron Works, 141 Beale, San Francisco.

Filed Mar. 27, '14. Dated Mar. 27, '14.

1st day of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$7550

Bond, \$4000. Sureties, M. F. Gale and R. D. McElroy. Limit, 40 days. Forfeit, \$25 per day. Plans and specifications filed.

(764) SE OCEAN AVE AND VALLEJO Oakland. One-story 5-room dwelling. Owner.....Leon Plaa, 744 29th, Okd. Architect.....None.

Contractor..Oliver Legault, 3136 West, Oakland.

Filed Mar. 28, '14. Dated Mar. 28, '14.

Frame up ¼
Brown coated ¼

Completed and accepted..... ¼
Usual 35 days..... ¼

TOTAL COST, \$1750

Bond, none. Limit, 70 days. Forfeit, \$2 per day. Plans and specifications filed.

684	Surf Beach	.....Aitchison	1400
685	Roth	.....Roth	1800
686	Morehouse	.....Clark	400
687	Brooks	.....Noble	2200

(682) NO. 1524 FOUNTAIN, Alameda. One-story 5-room dwelling.
Owner.....R. P. Pollard, 1500 Fountain, Alameda.
Architect...None.
Contractor...J. H. Rockingham, 2306 San Jose Ave., Alameda.
COST, \$1900

(683) NO. 1015 SHERMAN, Alameda. Addition.
Owner.....Jas. Tyson, Premises.
Architect...None.
Contractor...Paul K. Jones, 180 Jessie, San Francisco.
COST, \$800

(684) SIXTH AND CENTRAL, Alameda. Two-story 1 room dance hall.
Owner.....Surf Beach Park Co., 6th and Central, Alameda.
Architect...None.
Contractor...Aitchison & Sons, 624 Taylor Ave., Alameda.
COST, \$1400

(685) NO. 958 PARK, Alameda. One-story 5-room dwelling.
Owner.....Conrad Roth, 2117 Pacific Ave., Alameda.
Architect...None.
Day's work.....COST, \$1500

(686) NO. 1729 EVERETT, Alameda. Addition.
Owner.....Morona Morehouse, Prem.
Architect...None.
Contractor...R. P. Clark, 2214 1/2 Santa Clara Ave., Alameda.
COST, \$400

(687) No. 1813 ALAMEDA AVE., Alameda. One-story 6-room dwelling.
Owner.....Gerald Brooks, Alameda.
Architect...None.
Contractor...G. H. Noble, 2220 Central Ave., Alameda.
COST, \$2200

COMPLETION NOTICES.

ALAMEDA COUNTY.

Mar. 17, 1914—S FORTY-SECOND 271 W Webster 40x72, Okd. Marie B. Rivera to L G Geary.....Mar. 17, 1914
Mar. 20, 1914—SW GREENBANK AVE 404.59 NW Pleasant Valley Ave NW 9.58 NW 36.40 SW 95.44 SE 45.58 NE 102.36, Okd. Tp. Louis Johnson to whom it may concern.....March 20, 1914
Mar. 21, 1914—LOTS 31 AND 32 BLK "G" Laurel Grove Park, Okd. Lillia and Harry Ziegler to Drennan & Thompson.....Feb. 4, 1914
Mar. 21, 1914—LOT 17 BLK 6 Northbrae, Ekly. Kate C. Mayer to Gustaf Johanson.....Mar. 21, 1914
Mar. 21, 1914—LOT 6 BLK "A" Map Waterside Terrace, Ala. Mark T. Cole to whom it may concern.....March 21, 1914
Mar. 21, 1914—LOT 17 BLK 4 Map Highland Subdn Adams Point Pkwy being NE Palm Ave 148.50 N Pershing 15x130, Okd. Frederick G. Ilsen to G R Whidden.....Mar. 19, 1914
Mar. 23, 1914—W FORTY-SEVENTH AVE 115 SW Boulevard Ave SW44.3 xNW 115, Okd. W C Granlund to M C Bolts.....Mar. 14, 1914
Mar. 24, 1914—S CRESCENT, being ptn Lot 17 Blk "T" Revised Map

Oakland Heights, Okd. John A. Brett to whom it may concern.....March 2, 1914

Mar. 25, 1914—32.37 FROM SPIKE marking intersection E Telegraph Ave and W Broadway N 108.53 NW 36.86 S 104 SE 8.70, Okd. Federal Realty Co to Pacific Rolling Mill Co.....Mar. 21, 1914

Mar. 25, 1914—LOT 31 Map Coronado Tract, Okd. Arthur Hargrave to J P Silva.....Mar. 20, 1914
Mar. 26, 1914—LOT "P" MAP BLK 2, Claremont, Ekly. Mrs Alice B. Riekey to H E Sullivan.....Mar. 26, 1914
Mar. 26, 1914—LOT 32 BLK "K" Map 4th Ave Terrace, Okd. Joseph Graves to whom it may concern.....Mar. 26, 1914

Mar. 26, 1914—PTN LOTS 5 AND 6 Map Oak Vale Claremont, Ekly. Annie T. Burns to C. Texdahl.....March 21, 1914
Mar. 26, 1914—S RAMONA AVE 165 SW Bonita Ave SW 50.37 SE 47.50 SE 58.555 NW 66.895, Piedmont. Bess L. Lichtig to Oscar L. Burritt.....March 24, 1914

Mar. 26, 1914—LOT 4 BLK 2 Map East Piedmont Heights Extension, Okd. Piedmont Heights Bldg Co to Alfred Olson.....Mar. 24, 1914
Mar. 26, 1914—LOT 7 BLK 2 Kellogg Tract, Ekly. Leila G. Reider to Ben Pearson.....Mar. 24, 1914

Mar. 27, 1914—E HARRISON 624 N 14th N 38x E 150, Okd. E A. Schmidt to whom it may concern.....Mar. 24, 1914
Mar. 27, 1914—SW TWENTY-4TH & Broadway fronting E on Broadway 99, N on 24th 143.58, on Vend 65.46 on S side 122.87, Okd. Emilie Sussman to Farrell & Reed.....March 17, 1914

Mar. 27, 1914—LOT 18 Dutton Manor Tract, San Leandro. Anna Mohs to H W McIntire.....Mar. 26, 1914

LIENS FILED.

ALAMEDA COUNTY.

Mar. 20, 1914—E WOODRUFF AVE 375 N E-38th N 40x E 100, Okd. J H Parks vs John Doe Graves and M T Graves.....\$47.60
Mar. 21, 1914—W SPRUCE 432.28 N Eunice W 134.69 N 152 NE to W In Spruce S 202.65, Okd. Tp. Sunset Lumber Co vs Georgia Wilson McCluskey.....\$1655.12
Mar. 21, 1914—W WEBSTER 174 N 23rd N 261 W to E In Broadway S 269.41 E 169-6, Okd. John C. Henderson vs First M E Church of Oakland.....\$277
Mar. 23, 1914—LOT 3 BLK "D" Map Elmcrest, Oakland. Zenith Mill & Lumber Co vs George E. Well.....\$218.21
Mar. 24, 1914—LOT 3 BLK "D" Map Elmcrest, Okd. Rhodes-Jamieson & Co vs George Well.....\$46.50

SAN JOSE AND THE SANTA CLARA VALLEY

RESIDENCE—2 story, attic and base, frame and brick, \$75,000. Hillsborough, San Mateo Co., Cal. Architects, Bliss & Faville, Balboa Bldg., S. F. Owner, Mr. C. de Guigne. The dwelling has been designed for a large country house and will contain in the neighborhood of twenty rooms, several baths and sleeping porches. A garage, stables and other out-buildings are included in the work. Interior of the house will

be finished in pine and hardwoods. Hardwood and inlaid floors will be specified. There will be a central heating system, probably steam heat, open fire places, a vacuum cleaning system and automatic water heaters. Bath rooms will be equipped with showers. Exterior of the house, out-buildings and garage will be covered with cement plaster. Plans are complete and figures are being taken.

RESIDENCES—1 story and base, frame. Cost not stated. San Jose, Santa Clara Co., Cal. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: A. A. Fay, 1081 South 7th street, 1 story, frame cottage \$1500, and B. W. Loring, 100 North 1st street, frame garage, \$1000.

HOSPITAL BUILDINGS—2, 1 story, frame. Cost not stated. Agnews, Santa Clara Co., Cal. Architect, State Architect. McDougall, Sacramento. Owners, State of California. Two new buildings, one a Nurses' Home and the other a Female Workers' Cottage, are to be erected at the Agnews Asylum. Bids will be opened for the Workers' Cottage on April 28th and for the Nurses' Home on April 27th. Official proposals appear in another column of this issue.

RESERVOIR AND WATER SYSTEM—Cost not stated. Daly City, San Mateo Co., Cal. Engineer's name not given. Owners, Daly City. Plans have been received by the City Clerk for a reinforced concrete reservoir to be built as part of the town's new water system. Figures are now being taken on the work. Complete information can be secured from the City Clerk.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

E THIRTEENTH N of San Fernando, San Jose. Two 5-room cottages.
Owner.....G. T. Altman, 342 S-18th, San Jose.
Architect...C. S. McKenzie, San Jose Bank Bldg., San Jose.
Day's work.....COST, \$5000

NO. 845 E-JACKSON, San Jose. Four room cottage.
Owner.....Mrs. V. Henderson, Prem.
Architect...None.
Day's work.....COST, \$1300

NO. 481 GARDNER AVE., San Jose. Repair residence.
Owner.....C. Del Fevre, Premises.
Architect...None.
Day's work.....COST, \$500

NO. 666 N-SECOND, San Jose. Repair residence.
Owner.....G. Bianco, Premises
Architect...None.
Day's work.....COST, \$450
NW FIFTH AND VIRGINIA, San Jose. Five-room cottage.
Owner.....L. T. Clark, 696 S-Fifth, San Jose.

Architect...None.
Day's work.....COST, \$2000

NO. 755 S-FIFTH, San Jose. Five-room cottage.
Owner.....L. T. Clark, 695 S-Fifth, San Jose.
Architect...None.
Day's work.....COST, \$2000

SE THIRTIETH AND SANTA CLARA.
San Jose. Blacksmith shop.
Owner.....I. Hutsler, Premises.
Architect.....None.
Day's work. COST, \$160

N SANTA CLARA, bet Montgomery and Autumn. San Jose. Planing mill and box factory.
Owner.....S. H. Chase Mill & Lumber Co., Premises.
Architect.....None.
Day's work. COST, \$5000

NO. 1009 E-SANTA CLARA. San Jose. Five-room cottage.
Owner.....O. P. Sider, Premises.
Architect.....None.
Day's work. COST, \$1060

W FIFTEENTH, 6th Lot N Washing-
ton, San Jose. Six-room cottage.
Owner.....S. G. Pelton, Montgomery Bldg., San Jose.
Architect.....None.
Day's work. COST, \$2500

NO. 976 S-VINE. San Jose. Repair cottages.
Owner.....Leo Lampardo, Premises.
Architect.....None.
Day's work. COST, \$1000

NEAR FOURTEENTH & SAN CARLOS
San Jose. All work for one-story frame bungalow.
Owner.....Wm. Hiebrach, 57 W-Santa Clara, San Jose.
Designer...C. S. Collins.
Contractor...C. S. Collins, 630 Willow, San Jose.

Filed Mar. 18, '14. Dated Mar. 18, '14.
Frame up on.....\$668.12 1/2
1st coat plaster on.....668.12 1/2
When completed.....668.12 1/2
Usual 35 days.....668.12 1/2
TOTAL COST, \$2672.50
Bond, \$1336.35. Sureties, Frank Cox and Wm. Martin. Limit, 90 days. Forfeit, \$1. Plans and specifications filed.

LOT 25 LINDA VISTA PARK TRACT,
near San Jose. All work for one-story frame house.
Owner.....J. H. Hill, San Jose.
Architect.....None.
Contractor...J. A. Weedon, 639 Willis Ave., San Jose.

Filed Mar. 21, '14. Dated Mar. 20, '14.
Frame up.....\$304.40
Brown plaster on.....304.40
When completed.....304.40
Usual 35 days.....304.40
TOTAL COST, \$1217.50
Bond, none. Limit, June 20. Forfeit, none. Plans and specifications filed.

SE THIRD AND SANTA CLARA, San
Jose. All work for frame hand ball building.
Owner.....Young Men's Christian Association, San Jose.
Architect...Wm. Binder, Rea Bldg., San Jose.
Contractor...R. O. Summers, 17 N-First, San Jose.

Filed Mar. 19, '14. Dated Mar. 18, '14.
Frame up.....\$500.00
Building completed.....587.00
Usual 35 days.....362.50
TOTAL COST, \$1449.50
Bond, \$724.75. Sureties, Frank Stock and W. H. Christmas. Limit, 20 days. Forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS.

SAN MATEO COUNTY.

LOTS 38 AND 39 BLK 12, Huntington
Park, San Bruno. All work for one-story attic and basement frame bldg.
Owner.....C. E. Baccala, San Bruno.
Architect...Chas. Fantoni, 916 Kearny, San Francisco.
Contractor...J. W. Jones and G. E. Brunner, So. San Francisco.

Filed Mar. 10, '14. Dated Mar. 9, '14.
When roofed.....\$656.25
Brown coated.....656.25
Completed and accepted.....656.25
Usual 35 days.....656.25
TOTAL COST, \$2625.00
Bond, \$1312.50. Surety, Maryland Casualty Co. Limit, 75 days. Forfeit, \$2. Plans and specifications filed.

NE FIFTEENTH AVE & EL CAMINO
Real, San Mateo. Excavating, concrete work, brick, iron and carpenter work, lathing, plastering, metal work roofing, electric work, plumbing, painting, etc., for frame school bldg.
Owner.....San Mateo School District Board of School Trustees.
Architect...Stone & Wright, San Joaquin Bldg., Stockton.
Contractor...Croop & Keegan.

Filed Mar. 7, '14. Dated Feb. 16, '14.
About 1st of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$17,488
Bond, \$8744. Surety, Aetna Accident & Liability Co. Limit, 100 working days. Forfeit, \$10. Plans and specifications filed.

SAN BRUNO & HENSLEY AVES, San
Bruno. Labor and materials, grading, concrete work, lathing, carpenter and mill work for three-story and basement frame and plaster building.
Owner.....Roman Catholic Archbishop of S. F., 1100 Franklin, San Francisco.
Architect...John J. Foley, 46 Kearny, San Francisco.

Contractor...N. A. Carlson, 936 Potrero Ave., San Francisco.
Filed Mar. 12, '14. Dated Mar. 3, '14.
Monthly payments of.....75%
Usual 35 days.....25%
TOTAL COST, \$1650
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

EASTON. Exterior and interior brick work, all fire place dumps, doors, bars, all terra cotta hue lining, etc., for residence.
Owner.....C. Frederick Kohl.
Architect...Howard & White, Lick Bldg., San Francisco.
Gen. Contractor...John MacBain, Menlo Sub-Contractor...Erl H. Richardson, San Mateo.

Filed Mar. 1, '14. Dated Feb. 25, '14.
75% of value of work done and materials installed during month payable on or before 5th day of the succeeding month not to exceed.....\$3910
Usual 35 days, 25 %.....2970
TOTAL COST, \$11,880
Bond, \$5940. Sureties, W. H. Lake and John D. Arnott. Limit, forfeit, plans and specifications, none.

ARUNDEL ROAD & HOWARD AVE.,
City of Burlingame. Excavation, concrete, plastering, painting and carpenter and mill work for one and

one-half-story 6-room and basement residence.
Owner.....G. A. Mornberg, Burlingame.
Architect...Ernest L. Norberg, 605 Howard, Burlingame.
Contractor...W. R. Thompson and H. E. Doyal, Burlingame.

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED **ACCEPTED**
Mar. 17, 1914—W EMANUEL AVE., about 1 mile NW of Los Gatos, Jas Thompson to G W Mosher.....March 7, 1914
Mar. 17, 1914—LOT 49 Walsh Residence Tract, San Jose. Mrs H E Davis to H W Dangerfield.....March 16, 1914

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED **ACCEPTED**
Mar. 26, 1914—LOTS 9 & 10 BLK 11 Subdivision of Menlo Oaks. A C Williamson to A Dahlberg.....March 25, 1914
Mar. 26, 1914—VALPARAISO AVE., Menlo Park. Academy of the Sacred Heart to Judson Mfg Co. Mar. 20, 1914
Mar. 6, 1914—COUNTY ROAD, bet Oak Grove and Glenwood Aves, Menlo. Board of Trustees Menlo Park School Dist to Weeden Bros.March 3, 1914
Mar. 16, 1914—SECOND AVE AND County Road, San Mateo. St. Matthew's Red Cross Hospital to Fibrestone & Roofing Co.....Mar. 10, 1914
Mar. 10, 1914—LOT 13 BLK 27, Dingee Park, Redwood City. Mamie A and James R Stansbury to Charles Miller.....March, 16, 1914
Mar. 16, 1914—SECOND AVE AND County Road, San Mateo. St. Matthew's Red Cross Hospital to Butte Eng & Elec Co.....Mar. 10, 1914
Mar. 16, 1914—SECOND AVE AND County Road, San Mateo. St. Matthew's Red Cross Hospital to Smith & Johnson.....Mar. 10, 1914
Mar. 20, 1914—LOT 14 BLK 8, Polo Field Subdivn of Part of Town of Burlingame. Harry F Magee to J H Gibson.....Mar. 20, 1914


LIENS FILED.

SAN MATEO COUNTY.

RECORDED **AMOUNT**
Mar. 1, 1914—COUNTY ROAD near 2nd Ave being a ptn of Blk 1 West Add'n to San Mateo. Western Belting & Hose Co vs St. Matthew's Red Cross Hospital, Elizabeth M Reid and Thomas W Alton.....\$180.59

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

BULKHEAD WORK—Stone and concrete. Cost not stated. Vallejo. Solano Co., Cal. Engineer, City Engineer, Vallejo. Owners, City of Vallejo. Bids are now being called for to be opened on April 15th for a bulkhead to be constructed along the city waterfront between Main and Kentucky streets. Plans and specifications can be secured from the City Clerk at Vallejo.



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Liens Filed.

CONTRA COSTA COUNTY.

RECORDED **AMOUNT**
 Mar. 19, 1914—W ½ LOT 6 BLK 25
 Amended Map of Hoopers Add'n to
 New York Landing, Salvatore Silno
 vs Giacchino Trezza, known as
 Giacchino Trezza and Mary Trezza
 (his wife) and Orazio Trezza and
 Jack Aiello\$47.90

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED **ACCEPTED**
 Mar. 19, 1914—S ½ LOT 18 BLK 2
 Map of City of Richmond, Charles
 E Surles and John H Smith to
 Charles E Surles and John H Smith
 (Surles & Smith)Mar. 14, 1914

FRESNO, MODESTO, STANIS. LAUS AND CENTRAL CALIFORNIA.

SCHOOL GROUP—2 story and base, brick and steel, \$250,000. Fresno, Fresno Co., Cal. Architect, State Architect, McDougall, Sacramento. Owners, State of California. Plans for the new State Normal School to be erected in Fresno are reported as practically complete and figures will be called for shortly. The main building will house the administrative office, library, a large auditorium and several class rooms. Two wings, each two stories high will be arranged for the laboratories and manual training and domestic science departments.

STREET ELECTROLIERS—\$70,000. Fresno, Fresno Co., Cal. Engineer, City Engineer B. E. Cronkite, Fresno Owners, City of Fresno. City Engineer Cronkite has completed plans for a number of ornamental electroliers to be installed in the business district of the city. Plans have been approved by the City Council and figures will be asked for shortly. The engineer's estimate for this work is \$70,000.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

SCHOOL—2 story and base, reinforced concrete, \$50,000. Chico, Butte Co., Cal. Architect, Chester Cole, Chico. Owners, Chico School District. In last week's issue an unofficial report was published crediting this work to Architect Bryan of Chico. Mr. Bryan's plans were awarded second place and

Architect Cole will design the building. Working drawings are now being prepared.

Contracts Awarded.
RESERVOIR—Reinforced concrete. Cost not stated. Sacramento, Cal. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. Contractors, Mathews Construction Co., Sacramento. Contract price not stated.

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

LOT 7 BLK 121 S M C, Stockton. Frame building.
 Owner.....C. C. Henderson, 705 E-Anderson St., Stockton.

Architect...None.
 Day's work. COST, \$2000

W ½ OF BLK F W LOTS 4 AND 6, Stockton. Reinforced concrete bldg.
 Owner.....Union Oil Co., Weber Ave and Harrison St., Stockton.

Architect...None.
 Day's work. COST, \$1000

LOT 2 BLK 54 W, Stockton. Frame building.
 Owner.....Jerome Inyalls, 521 W-Park St., Stockton.

Architect...None.
 Day's work. COST, \$1800

LOTS 9 AND 11 BLK 4 W, Stockton. Remodel brick building.
 Owner.....Jos. Rinz, S-Sutter and South Sts., Stockton.

Architect...None.
 Day's work. COST, \$2000

NO. 18 W-WEBER ST., Stockton. Remodel brick building.
 Owner.....Frankheimer Bros., West Accia nr Monroe, Stockton

Architect...None.
 Day's work. COST, \$2000

LOT 6 BLK 2, The Oaks, Stockton. Frame building.
 Owner.....A. H. Cook.
 Architect...None.
 Day's work. COST, \$2500

LOT 16 BLK 40 S M C, Stockton. Erect frame building.
 Owner.....W. W. Harnon.
 Architect...None.
 Day's work. COST, \$2250

LOT 16 BLK 6, The Oaks, Stockton. Erect frame bungalow.
 Owner.....Hammond & Wvampelmeier.

Architect...None.
 Day's work. COST, \$2200

LOT 13 BLK 2, Stockton. Frame bldg.
 Owner.....Geo. E. Lewis, 1344 East Anderson Ct., Stockton.

Architect...None.
 Day's work. COST, \$2000

LOT 13 BLK 21 E, Stockton. Frame building.
 Owner.....Mrs. A. H. Saccone, 1346 E-Lindsay, Stockton.

Architect...None.
 Day's work. COST, \$2000

LOT 16 BLK 25 E, Stockton. Frame building.
 Owner.....Thomas O'Neil.
 Architect...None.

Day's work. COST, \$1900

LOT 6 BLK 15 S M C, Stockton. Erect shed.
 Owner.....M. Weinstein, 12 E-Weber, Stockton.

Architect...None.
 Day's work. COST, \$800

LOT 16 BLK 143 E, Stockton. Remodel frame building.
 Owner.....Mrs. W. T. Hewitt.

Architect...None.
 Day's work. COST, \$500

LOT 5 BLK 29 E, Stockton. Remodel brick building.
 Owner.....J. J. Morrison.
 Architect...None.

Day's work. COST, \$500

LOT 13 BLK "A" W, Stockton. Remodel frame building.
 Owner.....Ben Ratto, 326 S-Van Buren, Stockton.

Architect...None.
 Day's work. COST, \$400

LOT 16 BLK 85 S M C, Stockton. Erect frame building.
 Owner.....G. M. Hawes, 1123 S-San Joaquin St., Stockton.

Architect...None.
 Day's work. COST, \$200

NO. 119 N-AMERICAN ST., Stockton. Erect brick wall addition to frame building.

Owner.....Joseph Gilbeau, 945 S-San Joaquin St., Stockton.

Architect...None.
 Day's work. COST, \$150

E 30 FT. OF N ½ OF LOT 4, M, N, 2ND and 3rd Sts. Sacramento. Alter and add to brick building.

Owner.....H. Enkowlj.
 Architect...None.

Contractor...Geo. S. Hayes.
 Filed Mar. 21, '14. Dated Mar. 17, '14.
COST, \$1772

LOT 1, L. M. 8TH AND 9TH STS., No. 804 L St., Sacramento. Alter brick building.
Owner.....John Breuner, 604 K St., Sacramento.
Architect...None.
Contractor..W. R. Saunders, 2810 I St., Sacramento.
COST, \$300

W ¼ OF LOT 31 Oak Grove, Cor. 3rd and East Aves., Sacramento. One-story four-room frame dwelling.
Owner.....Gertrude S. Wright, Care J. F. Brickell, 3211 3rd Ave., Sacramento.
Architect...None.
Contractor..J. F. Brickell, 3211 3rd Ave., Sacramento.
COST, \$1250

N ½ LOT 1, C. D. 23RD AND 24TH STS. No. 301 23rd St., Sacramento. One-story five-room frame dwelling.
Owner.....Voorhies Invest. Co., 817 J St., Sacramento.
Architect...None.
Contractor..Wright & Kimbrough Bldg. Department.
COST, \$2300

S ¾ OF N ½ LOT 1, C. D. 24TH AND 25TH STS., No. 305 24th St., Sacramento. One-story 5-room frame dwelling.
Owner.....Voorhies Invest. Co., 817 J St., Sacramento.
Architect...None.
Contractor..Wright & Kimbrough Bldg. Department.
COST, \$2300

N ¼ LOT 4, C. D. 23RD AND 24TH STS. No. 300 24th St., Sacramento. One-story five-room frame dwelling.
Owner.....Voorhies Invest. Co., 817 J St., Sacramento.
Architect...None.
Contractor..Wright & Kimbrough Bldg. Department.
COST, \$2400

W ½ OF S ½ LOT 4, C. D. 23RD AND 24TH STS., No. 308 24th St., Sacramento. One-story 5-room frame dwelling.
Owner.....Voorhies Invest. Co., 817 J St., Sacramento.
Architect...None.
Contractor..Wright & Kimbrough Bldg. Department.
COST, \$2300

W ½ LOT 6, C. D. 23RD AND 24 STS., No. 247 D St., Sacramento. One-story six-room frame dwelling.
Owner.....Voorhies Invest. Co., 817 J St., Sacramento.
Architect...None.
Contractor..Wright & Kimbrough Bldg. Department.
COST, \$2600

N ½ OF S ½ LOT 1, C. D. 24TH AND 25TH STS., No. 309 24th St., Sacramento. One-story 5-room frame dwelling.
Owner.....Voorhies Invest. Co., 817 J St., Sacramento.
Architect...None.
Contractor..Wright & Kimbrough Bldg. Department.
COST, \$400

W ½ LOT 7, C. D. 23RD AND 24TH STS., No. 240 D St., Sacramento. One-story six-room frame dwelling.

Owner.....Voorhies Invest. Co., 817 J St., Sacramento.
Architect...None.
Contractor..Wright & Kimbrough Bldg. Department.
COST, \$2600

W ¼ LOT 1, C. D. 24TH AND 25TH STS., No. 240 C St., Sacramento. One-story six-room frame dwelling.
Owner.....Voorhies Invest. Co., 817 J St., Sacramento.
Architect...None.
Contractor..Wright & Kimbrough Bldg. Department.
COST, \$2400

E ½ OF N ½ LOT 1 and W ½ Lot 2, J. K. 8th and 9th Sts., No. 804 J St., Sacramento. Alter two-story brick building.
Owner.....Judge Peter J. Shields, 2700 M St., Sacramento.
Architect...None.
Contractor..George W. Martin & Son, 1217 19th St., Sacramento.
COST, \$2300

LOT 964 Wright & Kimbrough Tract 21, Sacramento. One-story 5-room frame dwelling.
Owner.....Frederick C. Lima, 1806 M St., Sacramento.
Architect...None.
Contractor..J. L. Johnson, 1219 33rd St., Sacramento.
COST, \$1800

LOT 17 NIEL TRACT, Elmhurst Ave., bet. Schley and R R Aves., Sacramento. One-story 4-room frame dwlg
Owner.....Thomas Johns, 919 E St., Sacramento.
Architect...None.
Contractor..H. R. Johns, 2023 ½ N St., Sacramento.
COST, \$915

W 10 FT. LOT 55 and E 5 ft. Lot 14, Alta Vista, Cypress Ave., near Wash Ave., Sacramento. One-story frame dwelling.
Owner.....J. Trovelli, 2812 P St., Sacramento.
Architect...None.
Contractor..Robert Powell & Co., 2811 T St., Sacramento.
COST, \$1500

E 35 FT. OF LOT 55 Alta Vista, Cypress Ave near Wash Ave., Sacramento. One-story 3-room frame dwelling.
Owner.....J. Trovelli, 2812 P St., Sacramento.
Architect...None.
Contractor..Robert Powell & Co., 2811 T St., Sacramento.
COST, \$1500

N ¼ LOT 1, I. J. 26TH AND 27TH STS., Sacramento. Carpentry, plastering, etc., for three-story frame tenement house.
Owner.....W. A. Green, 515 K St., Sacramento.
Architect...None.
Contractor..G. E. Harvie, 2212 T St., Sacramento.
COST, \$7550
Filed Mar. 25, '14. Dated Mar. 25, '14.

E ½ LOT 7, N. O. 23RD AND 24TH STS. (rear), Sacramento. Four flat building and garage.

Owner.....Louise M. Taylor, 3617 5th St., Sacramento.
Architect...None.
Contractor..Frank P. Williams, 3117 7th Ave., Sacramento.
Filed Mar. 25, '14. Dated _____
COST, \$6500

W 50 FT. OF N 100 FT. OF E 121 acres Lot 3 Sub 2, Dillman Tract No. 2, Sacramento. One-story five-room frame dwelling.
Owner.....Wm. Chaplin.
Architect...None.
Contractor..W. C. Carl, 3212 3rd Ave., Sacramento.
COST, \$2000

W ½ LOT 2, J. K. 23TH & 30TH STS., No. 2910 J St., Sacramento. One-story frame addition to frame building.
Owner.....Chas. D. Davis, 920 27th St., Sacramento.
Architect...None.
Day's work.
COST, \$500

LOT 57 CASA LOMA TERRACE, Sacramento. One-story 5-room frame dwelling.
Owner.....W. D. McKay, 3029 E St., Sacramento.
Architect...None.
Day's work.
COST, \$2500
N ¼ LOT 5 N ½ OF E ½ LOT 6, R. Q. 20th and 21st Sts., No. 1616 21st St., Sacramento. One-story frame private garage, cement floor.
Owner.....Alex Fourness, Premises.
Architect...None.
Contractor..Chatterton Bros., 2111 28th St., Sacramento.
COST, \$250

LOT 2, S. T. 30TH AND 31ST STS., No. 3014 S St., Sacramento. One-story frame building, cement floor.
Owner.....A. B. Contadsen, Premises.
Architect...None.
Day's work.
COST, \$250

W ½ OF W ½ LOT 1, P. Q. 26TH AND 27th Sts., No. 2600 P St., Sacramento. One-story 3-room terra cotta hollow tile dwelling.
Owner.....E. W. Bergquest, 1631 P St., Sacramento.
Architect...None.
Contractor..Frank P. Williams, 223 Ochsner Bldg., Sacramento.
COST, \$3600

N ½ LOT 14 INGLEVIEW CLAIR near Palmetto Ave., Sacramento. One-story frame addition to dwelling.
Owner.....James B. McIntyre.
Architect...None.
Day's work.
COST, \$300

W ½ LOT 5 HANDLIN TRACT, Vine St., bet Sycamore and Pine Ave., Sacramento. One-story frame dwelling.
Owner.....A. D. Flortennini, Box 326 Pine Ave., Sacramento.
Architect...None.
Contractor..Thos. Hunt, 2926 S St., Sacramento.
COST, \$400

RIVERSIDE ROAD AND SUNSET AVE., Sacramento. Erect terra cotta tile block private garage, concrete foundation.
Owner.....George Swanston, Riverside Road, Sacramento.
Architect...Jas. Seidler, Forum Bldg., Sacramento.

Contractor...Harry A. Hendren, 2915 I St., Sacramento.
 COST, \$2596
 N 13 FT. OF S 1/2 LOTS 3, 4, E. F. 3TH and 10th Sts., No. 309 10th St., Sacramento. Concrete foundation to two-story 10-room frame dwelling.
 Owner.....Fannie H. Goddard, Prem.
 Architect...None.
 Contractor...Matt Green, 29th and X Sts., Sacramento.
 COST, \$950

LOT 1, R. S. 7TH AND 8TH STS., No. 700 R St., Sacramento. One-story frame addition to frame building.
 Owner.....Shasta Water Co. of Sacramento, Premises.
 Architect...None.
 Day's work. COST, \$300

W 50 FT. OF N 1/2 LOT 7, S. 29TH AND 30th Sts., 29th and R Sts., Sacramento. Lay cement floor in frame building.
 Owner.....G. C. Snider, 250 21st St., Sacramento.
 Architect...None.
 Day's work. COST, \$300

S 1/2 OF N 1/2 LOT 5, H. I. 27TH & 28TH Sts., No. 820 28th St., Sacramento. Cement floor in basement and alter one-story 3-room frame dwelling.
 Owner.....A. H. Burns, Premises.
 Architect...None.
 Contractor...W. J. Montgomery, 2211 I St., Sacramento.
 COST, \$300

S 25 FT. OF N 40 FT. LOT 3, J. K. 1ST & 2nd Sts., Sacramento. Alter store in two-story brick building.
 Owner.....Richardson & Case, Front St., Sacramento.
 Architect...None.
 Contractor...M. F. McKenzie, 1126 T St., Sacramento.
 COST, \$300

S 1/2 LOT 1, P. Q. 5TH AND 6TH STS., No. 1615 5th St., Sacramento. Lay cement floor in basement and built frame addition to one-story frame dwelling.
 Owner.....T. Imada, Premises.
 Architect...None.
 Day's work. COST, \$100

LOT 3 BOULEVARD PARK, G. H. 20TH and 21st Sts., Sacramento. One-story frame private garage.
 Owner.....S. W. McKim, 2015 H St., Sacramento.
 Architect...None.
 Contractor...J. E. Harris, 1111 P St., Sacramento.
 COST, \$100

LOT 22 W J LANDER'S ADD'N A. Cypress Ave near 81st Ave., Sacramento. Alter two-story 7-room frame dwelling.
 Owner.....M. J. Hurlin, 3206 Cypress Ave., Sacramento.
 Architect...None.
 Day's work. COST, \$450

N 1/2 OF E 1/2 LOT 4, H. I. 24TH AND 25th Sts., No. 2134 H St., Sacramento. One-story frame garage.
 Owner.....John Scott, Premises.
 Architect...None.
 Contractor...H. A. Ryder, 2424 K St., Sacramento.
 COST, \$250

LOT 27 MIER & SOWELL HIGH School Tract, T St. Court, 32nd and 34th Sts., Sacramento. Two-story 6-room frame dwelling.
 Owner.....C. H. Chatterton, 3126 T St. Court, Sacramento.
 Architect...None.
 Day's work. COST, \$3200

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
 Mar. 25, 1914—NO. 1017 SIXTH (first floor), Sacramento. R A Pickett to John A. Silva.....Mar. 21, 1914
 Mar. 25, 1914—N 1/2 OF S 1/2 LOT 8, P. Q. 3rd and 4th Sts., Sacramento. Matsui Invst Co to Barton & Hite.....Feb. 14, 1914
 Mar. 20, 1914—W 1/2 LOT 3, J. K. 18th and 19th Sts., Sacramento. Adam Damm to C J Hopkinson.....March 18, 1914

RELEASE OF LIENS. SACRAMENTO COUNTY.

RECORDED AMOUNT
 Mar. 19, 1914—LOT 8, I. J. 5TH AND 6th Sts., Sacramento. Crane Co to Young Men's Christian Ass'n and General Eng Co.....
 Mar. 19, 1914—LOT 5, I. J. 5TH AND 6th NE 5th and J Sts., Sacramento. The Iron & Steel Contracting Co to The Young Men's Christian Ass'n, John Doe, Ransome Concrete Co and General Eng Co.....

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—3 story and base. Class C construction. Cost not stated. Los Angeles, Cal. Architect, Leonard L. Jones, Central Bank Bldg. L. A. Owner, Herman Guttersen. The building will be erected on West 10th street near Figueroa, covering an area of 69 by 125 feet. There will be seventy-five rooms arranged in two and three room apartments with wall beds and private baths. Interior finish will be of pine throughout. Plans provide for steam heat, elevator service and a hot water supply. Bath rooms will have tile floors and wainscot. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owner who is letting all contracts.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, E. S. Williamson, Styles Bldg. L. A. Owner, C. E. Lee. The building will be erected on Towne avenue near 5th street, and has been designed to contain 63 rooms which will be arranged in suites of two and three rooms with private baths. Interiors will be finished in pine with some hardwood veneer. Plans provide for steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble. Exterior of the building will be faced with pressed brick. Plans are being prepared.

APARTMENT HOUSE—3 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, Architectural Designing Co, Grosse Bldg. L. A. Owner, Mr. Neely. The building

will cover an area of 50 by 150 feet and is to be erected on Hope street between 1st and 2nd streets. Interior will be arranged for 78 rooms. Apartments will be of the two and three room type with private baths. Pine and hardwood veneer will be used for trim. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are being prepared.

APARTMENT HOUSE—3 story and base. Class C construction. Cost not stated. Santa Monica, Los Angeles Co., Cal. Architect, Albert C. Martin, Higgins Bldg. L. A. Owner, Thomas Higgins. The building will be erected on a 75 by 100 foot lot located at the corner of 2nd and Arizona streets, and will contain 75 rooms arranged in two and three room apartments, besides a large lobby and amusement room. Interior finish will be of pine and hardwood veneer. There will be steam heat, an automatic elevator, hot water supply and vacuum cleaning system. All apartments will have wall beds and private bath rooms. Bath rooms will be finished in tile and will have composition floors. Exterior of the building will be faced with pressed brick. Plans are being prepared.

APARTMENT HOUSE—i story and base. Class C construction. \$35,000. Los Angeles, Cal. Architect, William Boslyshell, Wright and Callender Bldg. L. A. Owner, G. A. Wetlin. The building will be erected on West 21st street, covering an area of 60 by 167 feet. There will be a total of 70 rooms arranged in two and three room suites with private baths and wall beds. Interior finish will be of pine throughout. Plans provide for steam heat, elevator service, a vacuum cleaning plant and hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are being prepared.

CHURCH—1 story and base, frame. \$25,000. Los Angeles, Cal. Architect, Robert H. Orr, Van Nuys Bldg. L. A. Owners, University Christian Church. The building will be erected at the corner of Santa Barbara and Buñolung streets, and will cover an area of 101 by 120 feet. The structure has been designed in the classic style with the exterior faced with veneer pressed brick. Interior will be arranged for a large auditorium and Sunday school rooms. Pine and ornamental plaster will be used in the auditorium. There will be a central heating system and modern ventilation. Plans are being prepared.

WAREHOUSE—3 story and base, reinforced concrete. Cost not stated. Santa Barbara, Santa Barbara Co., Cal. Architects, Mayberry & Parker, Pacific Electric Bldg. L. A. Owner, Homer N. Duffy. The building will be erected at the corner of Mason and Helena streets and will cover an area of 67 1/2 feet by 140 feet. Construction will be fireproof throughout with reinforced concrete walls, floors and roof slabs. Interior partitions will be of metal lath and plaster. Metal window sash and frames and fireproof doors are specified. A fireproof vault and elevator service will be installed. The building is designed to carry three additional stories. Exterior will be faced

with cement plaster. Plans are being prepared.

SCHOOLS—2, 1 story and base, reinforced hollow tile construction, \$75,000. Los Angeles, Cal. Architects, S. B. Marston and Garrett Van Pelt, Chamber of Commerce Bldg., L. A. Owners, Los Angeles Board of Education. A twelve-room building will be erected at Alamanda Park and a ten-room school at Altadena. Interiors will be finished in pine with maple floors in the class rooms. There will be central heating systems and modern school plumbing. Exterior will be faced with cement plaster. Plans are now being prepared.

SCHOOL—Part 1 and part 2 story and base, brick, \$30,000. Corona, Riverside Co., Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Corona School District. The architects have just been commissioned to prepare plans and details of construction cannot be given at this time. The present building will also be remodeled.

RESIDENCE—2 story and base, frame. Cost not stated. Los Angeles, Cal. Architects, Eisen & Son, Wilcox Bldg., L. A. Owner, Anna M. Moore. The dwelling will be erected on Ardmore avenue, and has been designed to contain sixteen rooms, three baths and sleeping porch. Interior finish will be of mahogany, pine, redwood and white enamel. Hardwood floors will be used throughout. Plans provide for furnace heat, an automatic water heater and open fire places. Mantels will be of tile. All bath rooms will have tile wainscot and composition floors. Exterior of the dwelling will be covered with shingles. Plans are complete and figures are being taken.

RESIDENCE—2 story, attic and base, frame and plaster, \$20,000. Los Angeles, Cal. Architect, Frank T. Kegley, Consolidated Realty Bldg., L. A. Owner, Dr. C. T. Thomas. The dwelling will be erected in Brentwood Place, and will contain fifteen rooms, three baths, sleeping porches and a garage. Interior finish will be of pine, redwood and white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath rooms will have tile floors and wainscot. Exterior of the building will be covered with cement plaster on metal lath and shingles. Plans are complete and the work will be done by Day Lahor. All materials are now being purchased.

SCHOOL—1 story and base, brick, \$50,000. Orange, Orange Co., Cal. Architect, F. Flood Walker, 305 East 4th street, Santa Ana. Owners, Orange School District. The building will be erected on a site recently purchased and has been designed to contain eight standard size class rooms and an assembly hall. Interior finish will be of pine throughout with maple floors in the class rooms. There will be steam heat and vacuum cleaning. Program clocks will probably be installed. The exterior of the building will be faced with pressed brick. Plans are now being prepared.

SCHOOL—2 story and base, brick, \$50,000. Riverside, Riverside Co., Cal. Architect, G. Stanley Wilson, Virginia Block, Riverside. Owners, Riverside School District. A new grammar school will be erected in the New Mag-

nolia avenue district and a kindergarten building will be erected for the Casa Blanca District. Interior of the grammar school will be finished in pine. There will be a central heating system and vacuum cleaning. Exterior of the building will be faced with pressed brick. Plans are being prepared.

LOFTS 5 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architects, Train & Williams, Exchange Bldg., L. A. Owner, J. F. Hosfield. The building will be erected on property adjoining the City Hall on Broadway between 3rd and 4th streets and will be used as a City Hall Annex. The building will be of the Class A type of construction and will cover an area of 60 by 160 feet. There will be a complete steel frame, reinforced concrete walls and floors. Interior will be finished in pine and hardwood with some metal trim and metal window sash and frames. There will be steam heat, elevator service and a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

OFFICES—12 story and base. Class A construction, \$1,000,000. Los Angeles, Cal. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Commercial Fireproof Building Co. The building will be erected at the northeast corner of Spring and 5th streets. The entire first floor will be occupied by one of the largest banking institutions of Los Angeles. Upper floors will contain a total of 462 offices. There will be a complete steel frame, brick curtain walls, concrete floors and roof slabs. Interior will be finished in hardwood and metal trim. There will be five passenger elevators, mail chutes, steam heat, vacuum cleaning system and sidewalk doors and lights. Exterior of the building will be faced with terra cotta. Plans are complete and figures will be taken at once.

STORES AND OFFICES—12 story and base, reinforced concrete, \$350,000. Los Angeles, Cal. Architect, George W. Eldridge, Marsh-Strong Bldg., L. A. Owners, Spring Street Investment Co. The building will be erected on Spring street between 6th and 7th streets, covering an area of 58 by 112 feet. There will be stores on the first floor and a total of 252 offices on the upper floors. Foundations, exterior walls, floors and roof will be of reinforced concrete. Interior will be finished in pine, hardwood and metal trim. The plans provide for steam heat, three elevators, vacuum cleaning, mail chutes and a hot water system. Metal window sash, hollow tile partitions and patent store fronts are specified. Exterior of the building will be faced with terra cotta. Plans are being prepared.

BANK AND OFFICES—5 story and base. Class A construction. Cost not stated. Santa Ana, Orange Co., Cal. Architect, T. Beverley Keim, Jr., Los Angeles Investment Bldg., L. A. Owners, Farmers and Merchants Bank of Santa Ana. The building will be erected on a corner site and will cover an area of 50 by 100 feet. The entire first floor will be occupied by the bank. Upper floors will be arranged for 14 offices to the floor. Interior finish will be of pine and hardwood. Ornamental

plaster will be used in the banking rooms. Plans provide for steam heat, elevator service, a vacuum cleaning system and mail chutes. Special bank fixtures and vaults will be specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

LODGE HALL—3 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, J. T. Zeller, Currier Bldg., L. A. Owners, Lyran Swedish Lodge Association. The building will be erected at the corner of 18th and Flower streets, covering an area of 52 by 121 feet. There will be stores on the first floor and upper floors will be arranged for the offices of the association and lodge rooms. Interior finish will be of pine and hardwood. A maple floor will be used in the ball rooms. Plans provide for steam heat, a hot water supply and vacuum cleaning. Metal window sash and frames will be used. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

RESIDENCE—1½ story and base, hollow tile, \$40,000. Los Angeles, Cal. Architects, Hunt & Burns, Laughlin Bldg., L. A. Owner, Gen. C. M. Spitzer, Contractor, C. J. Nordquist, 532 Patten street, L. A. Contract price, \$40,000.

APARTMENT HOUSE—4 story and base, brick and steel, \$50,000. Los Angeles, Cal. Architect, none. Owner, A. S. O'Neil, Lankershim Bldg., L. A. Contractor, W. E. Stradley, Builders' Exchange, L. A. Contract price, \$50,000.

HOTEL—4 story and base. Class C construction, \$60,000. Los Angeles, Cal. Architect, E. J. Borgmeyer, Stimson Bldg., L. A. Owner, J. B. Solomon, Contractor, Fred W. Siegel, Stimson Bldg. Contract price, \$60,000.

PORTLAND AND OREGON.

RESIDENCE—2 story, attic and base, frame and tile, \$30,000. Portland, Ore. Architect, John V. Rennes, Chamber of Commerce Bldg., Portland. Owner, A. H. Mearly. The dwelling will be erected in Arlington Heights and has been designed to contain in the neighborhood of fifteen rooms, several baths and servants' rooms. There will be steam heat, automatic water heaters and a vacuum cleaning system. Interior will be finished largely in hardwoods with oak and inlaid floors in the principal rooms. Bath rooms will have tile wainscot and floors. There will be several open fire places and tile or brick mantels. Exterior of the dwelling will be covered with pressed brick and cement plaster. A clay tile roof will be used. Plans are complete and figures are being taken.

RESIDENCE—2½ story and base, brick, \$15,000. Portland, Ore. Architect, Edward T. Root, Henry Bldg., Portland. Owner's name withheld. The dwelling will be erected in Portland Heights and has been designed to contain twelve rooms, three baths and sleeping porch. A garage will also be erected on the lot. Interior finish will be of pine and hardwood with hardwood and inlaid floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and composition floors.

An automatic water heater will be installed. Exterior of the house and garage will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

SHIPPING DEPARTMENT AND STABLES—2, 2 story, brick, \$20,000. Portland, Ore. Architects, Claussen & Claussen, Marley Bldg., Portland. Owner's name withheld. Contractor, William Vactz, 241½ First street, Portland. Contract price, \$20,000.

SEATTLE AND WASHINGTON.

HOTEL—10 story and base, Class A construction, \$200,000. Seattle, Wash. Architects, Howell & Stockes, Henry Bldg., Seattle. Owners, W. F. Kennedy and W. C. Phillips, 2822 10th avenue, Seattle. The exact location of the building has not been made public. Construction will be fireproof throughout, with a complete steel frame, reinforced concrete walls, floors and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. The structure will contain in the neighborhood of 200 guest rooms and a number of public and private baths. There will be steam heat, elevator service, a vacuum cleaning plant and hot water supply. Metal window sash and frames are specified. Exterior of the building will probably be faced with pressed brick. It has not been determined whether to let a general contract or do the work by Day Labor. Plans are nearly complete and construction will be started about the last of April.

WAREHOUSE—4 story and base, reinforced concrete, \$250,000. Seattle, Wash. Architect, Paul T. Whitman, care of the Port of Seattle Commission, Central Bldg., Seattle. Owners, City of Seattle. The building will be erected on Watcom avenue and the East Waterway, and will cover an area of 80 by 300 feet. Construction will be fireproof. It is the intention of the Port of Seattle Commission to add an additional 300 feet to the building later. Plans are complete and out for figures.

SCHOOL ADDITION—1 story and base, reinforced concrete \$150,000. Seattle, Wash. Architect, Edgar Blair, 1426 Jackson street, Seattle. Owners, City of Seattle. An addition 90 by 175 feet will be made to the Green Lake District School. The ground floor will contain class rooms and a large auditorium. Basement has been arranged for boys' and girls' gymnasium. Construction will be fireproof. Plans provide for steam heat, a modern system of ventilation and program clocks. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be opened on April 7th.

LODGE HALL AND STORES—3 story and base, brick and steel, \$35,000. Port Angeles, Wash. Architect, Francis W. Grant, Globe Block, Seattle. Owners, Naval Lodge B. P. O. E. The building will be erected on a corner site, covering an area of 80 by 100 feet. The first floor will contain a number of stores. Upper two floors will be arranged for the lodge rooms, library, smoking rooms, offices and banquet room. Interior will be finished in pine and hardwood. Plans provide for steam heat and a hot water supply. There

will be a large stone fire place. Exterior of the building will be faced with pressed brick. Working drawings are nearly complete and figures will be called for as soon as these drawings are finished.

Where Will San Francisco Put The Immigrants?

Dr. Parker to Speak Tonight at City Planning Exhibit.

Dr. Carlton H. Parker, Secretary of the State Immigration and Housing Commission, will deliver the principal address this evening at the City Planning Exhibit at 1055 Market Street, opposite Jones, at 8:15. The subject of this address will be "Where Will San Francisco Put the Immigrants?"

This is a problem which has more bearing upon the growth of San Francisco in the next ten years than any other single matter of its development. Dr. Parker has obtained through his official position many facts and statistics regarding the number of immigrants that may be expected to enter this port beginning early next spring with the opening of the Panama Canal. The problem is so imminent and so serious to the people of this city that it must be properly dealt with and the discussion this evening will deal with possible solutions of the distribution of this vast horde of foreigners expected.

Dr. Parker is expected to make an important pronouncement in this regard.

Tomorrow night Governor Johnson is expected to speak. His subject will be "The Future of San Francisco Harbor."

Wednesday will be Panama-Pacific Exposition Day. At 8:15 P. M., Dr. Frederick V. Fisher, chief of the Lecture Bureau, will give an address, illustrated with slides upon "Planning and Building a Small Sized City—The Exposition."

Thursday at 3:30 the Commonwealth Club will hold a special City Planning meeting at the Exhibit. The evening address will be announced later.

Friday will be Woman's Day, with the program in charge of the Civic Center, and the California Club. Dr. Werner Hegemann, of Berlin, noted City Planning Expert, will deliver an address at 3:30 P. M.

Mr. James D. Phelan will speak Friday evening at 9:15 on "San Francisco and the Trouble it can Save by Planning Ahead."

Saturday will be Merchant's Day. The program is being arranged by the Chamber of Commerce and other commercial bodies, promising discussion of San Francisco's most important civic improvements.

Sunday will be Labor Day, with a program arranged by representatives from the several labor bodies. This will be the last day of the Exhibit, which closes at 10 P. M. and will go to Los Angeles and other cities.

Many of the ninety odd improvement associations of the city are arranging special meetings at the Exhibit where they can discuss in the body their own problems with the solutions of the 200 most progressive cities of the world

pictured before them.

President J. M. Kepner of the Civic League of Improvement Clubs, who returned yesterday from two weeks in Los Angeles, is today calling a conference of the officers of the Association to see how the clubs can get the most out of this great lesson in civic achievement. So much that it is vital to San Francisco is shown that Mr. Kepner feels that not a single improvement club member can afford to miss it and special notices are being sent out describing the importance and urgency of this City Planning Exhibition.

SUN MINES GOLD.

The discovery of gold in Candle on Johnny Bull Hill, Alaska, was one of the most peculiar in the annals of gold mining in the North. Under a layer of ice twenty feet in thickness, was found a layer of gravel containing gold in workable quantities.

To get this gold the rays of the sun are utilized. An overburden of a foot or two of moss and muck is sluiced off with water and the mass of ice exposed to the action of the sun. The sun, during the long arctic days of midsummer, does rapid work in reducing the sheet of ice to the level of the gravel body which underlies it. Then sluice boxes are arranged along the slope of the gravel bed, and the water dammed. When there is enough water, it is turned on the gravel to wash it into the boxes. The gold separated, the waste gravel is then washed down into the tailing piles minus its golden load. —Technical World Magazine.

MUTUAL HIT HARD.

Northwestern of Seattle Gets Wallop on California Business.

The Northwestern Mutual Fire Association of Seattle, which invaded California a couple of years ago with offers of insurance at cut rates, suffered a heavy loss on its California business during 1913. According to the concern's sworn annual statement filed with the California Insurance department the losses for the year amount to 63 per cent of its net premium receipts. This is 13 per cent higher than the regular insurance companies' average for the year and bears out the general prediction that the company's methods would sooner or later bring disaster. The practice of the company to cut rates to secure California business pointed out by insurance men as one sure to bring trouble, and if persisted in, will bring about its collapse.

Statements Confict.

The Northwestern was caught on some heavy losses in California last year, individual fires costing the company many thousands of dollars. In the Smith lumber plant fire, which proved a total loss, the Northwestern issued its policy for \$48,000 at a cut rate. The concern afterwards claimed that it had re-insured all but \$13,000 of this sum, but its annual statement fails to substantiate this claim. According to the annual statement, the entire re-insurance premiums reported in California totaled \$2840.15, while insurance men state that the premium for re-insurance on the Smith lumber loss, as claimed, would more than total the sum mentioned, leaving no re-insurance for any other of the California risks.

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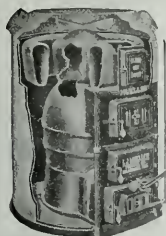
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Fibrestone and Roofing Co.

Gosnell, Chas.
Johns - Manville Co.

Larkin Asphalt Co.

Layson Roofing Co.

Mikson Roofing Co.

Magnesla - Asbestos Sup. Co.

Ferguson, W. H.
Horwege H. J.
Morser, E. J.
Priddie, Milton

Floors, Composition.

Arteltz Mfg. Co.
Bender R.&P. Co.
J. W.
Dwain Co., J. E.
F. J. Preston Co.
Roofing Co.
Flaherty R. & P.
Co., K. H.
McInt, J. P.
Goodman, A. K.
Watsonite Co.

Floors, Hardwood
Hardwood Int. Co.
Inland Floor Co.
Pac. Floor Sand-
ing Co.

Galvanized Iron.
Baker & Hamil-
ton
Berger Mfg. Co.

Gas Fixture.
Day Co., Thomas
Gas Heating Sys-
tems.
Reactor System
Gas Heating Co.

Gasoline Tanks & Pumps.
Deming, E. R.

Glass & Glazing.
Cal. Plate & Win-
dow Glass Co.
Cohen, I.
Fuller Co., W. P.
Grosslicht & Dis-
caine

Habenicht &
Howlett
Mission Plate &
Window Glass Co.
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Window Glass Co.

Schwarz & Got-
tlieb
United Glass Works (Inc.)

Grading.
Brantick, J. P.
Burtin, I. V.
Carlton Bros.
Cassarotto, John
Devincenti & Co., L.

Dixon Teaming Co.
Giorgi Co., G.
Hartnett J. D.
Holland, J. P.
Lennon Co., J. E.

Leffler, Fred
McGinchee &
Monahan
Montague Co., P.
O'Day Co., Dan'l
O'Donnell, Philip
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Powers, Chas. J.
Rahman & Woods
Smith, A.
Shibley Grading &
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Granite Curbing.
Graham Granite
Co.
Leed Granite Co.
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Pacific Granite Co.
Placer Granite Co.

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Bay Devel. Co.
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terial Co.
Cassarotto, John
City Supply Co.
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Company
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**Hardwood Deal-
ers.**
Inland Floor Co.
Hardwood Inter-
ior Co.

Wood Lumber Co.
E. K.

Hardware, Dealers.
Baker & Hamil-
ton

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Krusz, J. F.
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**Heating & Venti-
lating.**
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ior Co.
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ing Co.

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ton
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Brode Iron Wks.
Dyer Bros.
Eureka Wire &
Iron Wks.

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Kell Iron Works
Michel & Pfeffer
Monarch Iron
Works

Ralston Iron
Works
S. F. Iron Works
Sartorius Co.
Schraeder's Iron
Works

Security Iron &
Steel Works
Steiger & Kerr
Stove & Found-
ry Co.

Vulcan Iron Wks.
West Coast Wire
& Iron Works
West Iron Works
Zenith Iron Wks.

Joint Hangers & Posts.
Korrick - Falls
Mfg. Co.
Lilley & Thurston
Loomis Co., C. C.
Waterhouse &
Price Co.

Western Bldgs.
Supply Co.

Lathes, Wood & Metal.
Balzke, Robt.
Edwards, C. H.
Hayden, Fred
Lynch, Richard
McAbee, E. T.
Raymond, Wm. H.
Snell & Dennis
Ward, J. E.

Lime & Plaster Dealers.
Arden Plaster Co.
Cal. Lime & Hy-
drate Co.

Cement Lime &
Cement Co.
Guerrin & Co., J. S.
Holland, J. P.
Lennon Co., J. E.
Pacific Portland
Cement Co.

Western Lims &
Cement Co.

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Christenson Lum-
ber Co.
Columbia Lumber
Co.

Doe Co., Frank F.
Hardy Lumber Co.
Hawthorn Lumber
Co.
Hauptman Lum-
ber Co.

Krusz, J. H.
Hooper Lumber Co.
Higgins Lumber
Co.
Fred W. Co.
Loom Lumber Co.
MacDonald Lum-
ber Co.

Mars, Mill and
Lumber Co.
Olson - Mahony
Lumber Co.
Peterson, E. T.
Pope & Talbot
Reinhart Mill &
Lumber Co.

Ryan, George
Santa Clara Val-
ley Mill & Lum-
ber Co.
Santa Fe Lumber
Co.

S. Lumber Co.
Schouten & Co., J.
W.
Sunset Lumber Co.
Tremann & Beronio
Van Arsdale-Har-
ris Lumber Co.

Wilson Bros. & Co.
Wm. F. E.
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E. K.

Yates, Wm F
Magnesite Floor-
ing Co.

Arteltz Mfg. Co.
Bender R.&P. Co.
Dwan & Co., J. E.
Fibre Stone &
Roofing Co.
Flaherty R.&P. Co.

R. H.
Goodman, A. K.
Mabott & Peter-
son
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Kirwan & Dono-
van

Mangrum & Otter
Peoples Agencies
Rigney, Thos. F.
Watson Mantel &
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Marble and Monie Work.
Gaelec, M. H.
Grass Co., P.
Mission Concrete
& Marble Works
Mission Marble
Works
Muste Stone-Ke-
nan Co.

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& Concrete Co.
Vermont Marble
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Co.

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Watson &
Price
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ing & Corr. Co.
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Hatch, J. C.
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tering.

Benkman, Ed. G.
Binner, Theodore
Larson, O. P.
Lipp & Co., J. P.

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rators.**
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Bernstein, Wm.
Black, Louis J.
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Clark & Dickson
Cramer Bros.
Connor, E. J.
Copnick, T. W.
Dant, T. H.
Donovan, V. J.
Ericksen, Wm.
Hansen, Elbing A.

Miller, J. A.
Miller, J. A.
McCubbin, James
Mauling, John
Neal, L. J.
Quandt & Son
Ruderman, A.

Schubert, Ben.
Schafer, Wm.
Simon Nelson Co.
Smith, J. S.
Sovik, C. B.
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John H.

Swanson, Peter
Walker, Mayer
Wagner, Fred
Wagner Bros.
Zelinsky, R.

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ishes, Etc.**
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Cohn & Co., Mar-
lon D.
Fuller Co., W. P.
O'Brien, S.
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Co.

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Clawson Co., L. F.
Dresser, McDon-
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Dunley & Getti-

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Lamburth, C. E.

Planing Mills.
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Atlas Planing
Mill Co.
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Builders' Supply
Depot

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Emmanuel, L. & E.
(Inc.)
Empire Planing
Mill

Herrmann, A.
Herrin's Mill
Hollen - Duprey
Co.
Lorden Mill Co.

Main St Planing
Moore Mill & Lum-
ber Co.
Premiss Planing
Mill
Reinhart Lumber
& Planing Mill
Ryan, George
San Mateo Plan-
ing Mill

Santa Clara Val-
ley Mill & Lum-
ber Co.
Spencer Planing
Mill
Taylor & Co.
Usana Mfg Co.
Western Planing
Co.

Veville & Collins
Yates, Wm F.

Plasterers
Bosch, Herman
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tering Co.
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Lawson Roofing
Co.

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Thibault Roofing
Co.

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terial Co.
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McMullin Bros.
Stone Co., E. B. &
A. L.

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Western Develop-
ment Syndicate.

Sanitary Garbage Chutes.
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Soud Blasting.
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Ventilating Wks.
Barth
Cornice Works

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Metal Works

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erial Works.

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Waterhouse &
Price

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Stewart, J. K.

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Wright, J. H.

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Baker & Hamil-
ton
Dawson & Noyes
Woods & Hud-
dart

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Stoves.

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Francisco
Iron Works
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ing.
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Dillon Teaming Co.
Hartnett, J. D.
Holland, J. P.
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Leffler, Fred
Larsen, Ernest
McGlinchey &
Monahan
Montague Co., P.
O'Day Co., D.
Pico Edw., F.
Powera, Chas. J.
Shibler Teaming &
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Star Contracting
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tor Co.
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age Co.
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Levy Elec. Co.
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Elevators.
Outlet Water Co.
Van Emon Eleva-
tor Co.
Fibre.
S. P. Fibre & Cord
age Co.
Fleecproof Doors.
Gervais, Henry.
Nurris, L. A.
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lating.
Burnham Plumb-
ing & Heating,
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ment Co.

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rison Co.
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cial Stone Co.
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lor.
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Wm.
McLellan, Thos.
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Owsley, B. T.
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McLernan & Peter-
son.
Robinson & Gil-
lespie.
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Smith, J. W. & Son
Spence, A. T.
Stokholm & Al-
lyn.
Terrell, G. C.
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Weller, Thos.
White Bros (car-
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Berger Mfg. Co.
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Works.
Connys & Child-
ers
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Conlan, Wm.
Frieder Cornice
Works.
Guilfoyle Cornice
Works.
Appmann Cornice
Works.
Heldt, Wesley.
Morrison & Clark.
P. F. Cornice Co.
Western Furnace
& Cornice Wks.

Contracting

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Lynch, Richard
Snell & Dennis
Raymond, W. H.
Curbings, Granite
McLenehan, S. B.
Dump Proofer.
Brickley, P. T.
Rietzle & Jamison

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Wm. Works.
Merle Co.
Sartorius Co.
Whittington, C. W.

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Caldwell & Co.
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Currie & Currie
Demulphak Bros.
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Fes, Grant
Fluth & Morton
Frazier & Frazier
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Griffith, Wm.
Hannah, J. D.
Hannah & Co. J.S.
Hayes, W. W.
Jackson, A.
Kuykendall, J. O.
Kulow, Edward.
Matthews, Henry
Peacock, John
Schnebel, Host-
meyer & Ped-
grift
Van Sant-Hough-
ton Co.

Glass and Glazing

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dow Glass Co.
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Cobliddick Glass
Co., L. N.
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Fuller, W. P. &
Co.
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ing.

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Fay, S. J.
McClure, H. N.
Wilhelm, A. H.
Wilkie Co., A.
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Wright Chas.
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Meyer, A.
Libbe Hdw Co.
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Shelton, Dennis.
Lynch, Elchard
Joint Hangers &
Post Caps.
Kortick Falls
Mfg Co.
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Co.
Western Builders
Supply Co.
Kawner System
Store Fronts.
Falls Mfg. Co.
Lilley & Thurston
Co.
Light and Power
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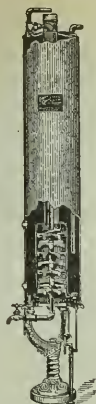
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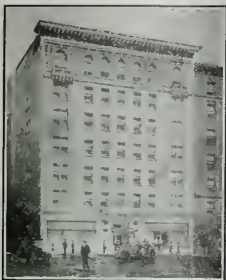
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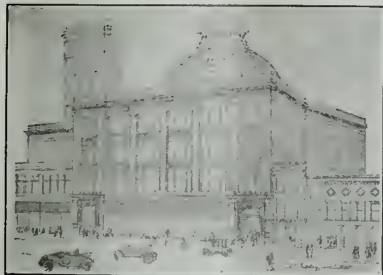
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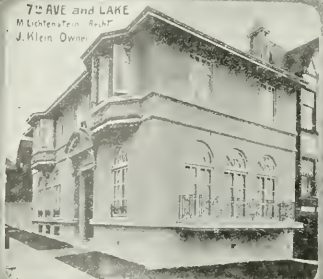
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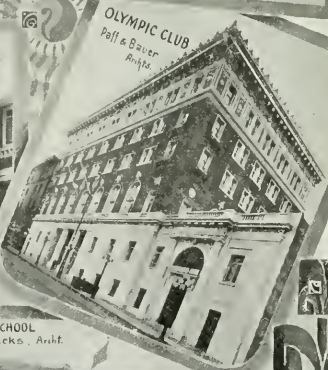
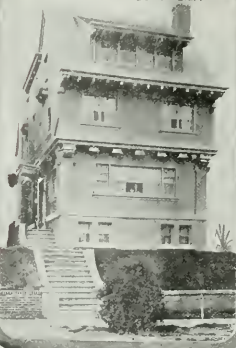
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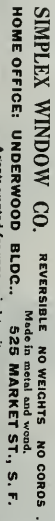


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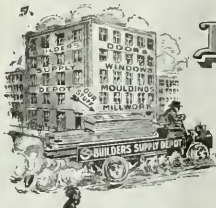
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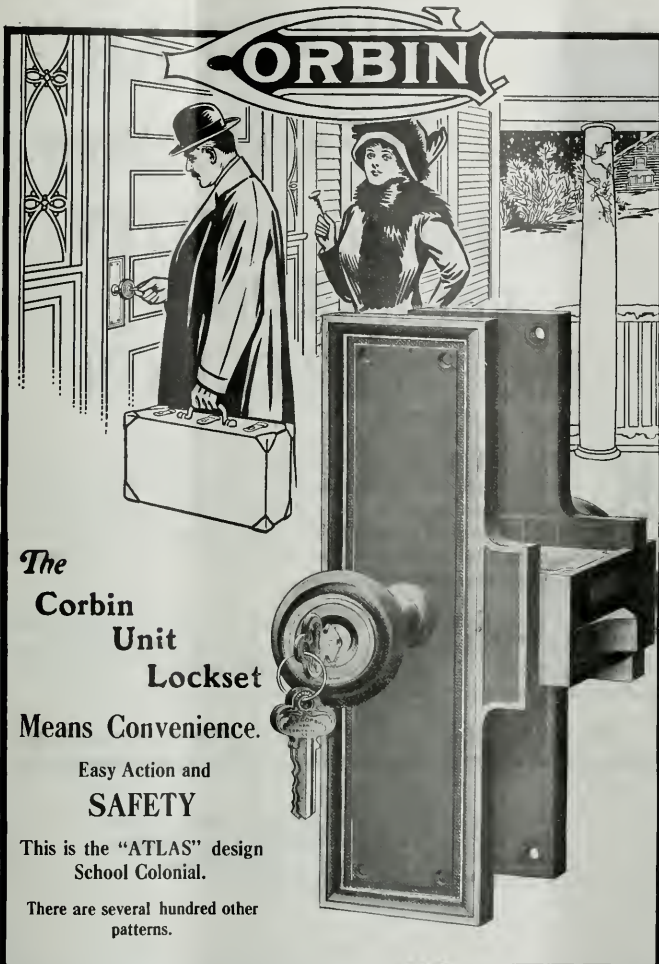
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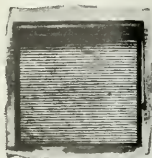
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Editorial Comment.

Business activity assumes periods of activity and periods of comparative quiete. Sometimes it is hard to account for the reasons for it. Many are advanced but it depends upon the point of view as to how the matters are looked at. At present there seems to be comparative inactivity in business circles all over the world.

Inactivity here is accounted for by the action of the present administration in reducing the tariff and in the adjustment of banking interests relative to the adoption of the new currency measure. But this would hardly account for the depression of foreign markets and the inactivity that obtain there.

However, things here seem to have taken an upward trend. As the year advances business enterprises should begin to assume a normal growth. The trouble has been that a lot of industries have been existing on abnormal privileges and have been paying dividends on watered capital. When it comes to a proper adjustment somebody must be squeezed and the eradication of the disease always causes the patient to feel worse.

The current number of the Technical World Magazine has an article on the secession of Irving J. Gill, Los Angeles architect, from the conventional forms of modern dwellings. It lays emphasis on the fact that he has practically eliminated wood in his construction and that he has cheapened construction in eliminating all the more or less conventional forms. For instance, his residences are constructed of concrete or hollow tile. Wood floors, wainscoting, base boards and even the picture molding is eliminated. So that a building results that is extremely simple in its designs and furnishings and is most sanitary and economical in its upkeep.

Mrs. Millie Brown has been found not guilty of the crime of murder by a jury in the Superior Court of Alameda county, California. Her defense was insanity and the verdict finds her insane at the time the crime was committed.

There can be little doubt that the fact that she was a woman had a great deal more to do with the failure to convict than the fact that she was insane. Her justification for the crime committed was a great deal more than that of the Alexander woman who was acquitted in a San Francisco court.

Helpless women should be protected by mankind and by the courts as well. But the failure of justice where women have committed positive crimes cer-

tainly does not deter the criminal element among women which everybody must admit exists in a far less degree than among men.

As among criminals so in the divorce courts. As a rule women get the best of it no matter what the condition may be. And this is due to the newspapers and the maudlin sentiment that is fostered by the yellow journals, the problem plays and the moving picture melodrama. Just now there seems to be a reaction setting in and a tendency to get back to normal conditions.

The federal government, having control of the Panama Canal Zone, is now arranging a workmen's compensation plan for employees in the canal and railroad work.

This is another interesting experiment in connection with the government's ownership and operation of the "utilities" in the canal zone. The efficiency of the government as an employer and a dispenser of justice certainly should be aided by having no interest to consider aside from its own and its employees.

It is a remarkable thing that all the stand-pat politicians are howling to high heaven about the repeal of the Monroe Doctrine and that Hearst and all his allies are beating the tom-toms and invoking the curses of all the ancestral deities upon the heads of Wilson and Bryan. For these men have been practically strong for our tradition. They have stood for the spirit of the Declaration of Independence throughout every vicissitude of their political life. And now that they control the policy of our government it is a patent fact that their action in asking for the repeal of the canal tolls is actuated by motives that are to them entirely sufficient.

Hearst quotes Senator Penrose as saying the repeal measure will be beaten in the Senate. The Chronicle says that the senate will obstruct the passage of the measure. And so on throughout the line the people who are opposing the measure are those who have opposed every reform attempted by the administration.

In the Baltimore convention, as everybody knows, Bryan upset Hearst's scheme to nominate Clark and broke the Ryan, Belmont, Underwood combination and nominated Wilson. Hearst is the same as he always was, a dog in the manger seeking to create any kind of disturbance possible. We may or may not believe in the repeal of the canal tolls provisions. Let the matter be threshed out in Congress. So long as we are convinced that the people in charge are acting in good faith it is evident that we have nothing to fear as to results.

The Democracy Of Business.

Remarks of Louis D. Brändels, Boston, Mass.

Reprinted from the Nation's Business.

I had hoped to participate in a discussion of the pending trust legislation, but a hearing before the Interstate Commerce Commission in the Advance in Rates case prevented my hearing what had been said by most of the speakers, and it would obviously be improper for me to attempt to refer to them and to what they may have said, when I know so little what it was.

I want, however, to say this: The program of President Wilson is not a program of free and unrestricted competition, but it is a program of regulating competition instead of regulating monopoly. This, too, should be remembered as coming from President Wilson: He laid down in his message to Congress certain broad lines upon which, in his opinion, the trust legislation should proceed, and it was then stated at the same time that the bills that were introduced were not the administration bills, but were bills of certain members of Congress or of committees which the public, business men and others had called upon them to present.

As far as I myself am concerned, while I unqualifiedly commend each of the provisions contained in the President's message on this subject, I find very much in the bill that needs amendment and correction; and I may say that I have found that those who have these bills under consideration, including the gentlemen who have prepared them, have the greatest desire to get such aid as they may get from those who speak with a view to perfecting them, pointing out their errors and pointing out the end which the administration has in mind can be accomplished.

The details of those bills are matters which are altogether too complex and cover altogether too much ground for me to take up here, but there are one or two others that hit one or two other precise points that I want to call your attention to in this connection, and the first is this:

Transportation preferences as Affecting Equality.

No one can possibly approach the subject of trusts, the subject of equality of opportunity to our business men, of which the trust problem is but a part, without realizing this great problem. Transportation is one of the privileges which places the greatest restraint in favor of a few upon a large number of the American business men. It has been said sometimes that you cannot follow up an industrial monopoly today without finding that some unjust and preferential transportation privilege accounts in large measure for the power possessed. That, obviously, was the case with the Standard Oil Company. It is obviously, also, the case in large measure with the Steel Corporation; and it has been true of a very large number of the other corporations.

Privilege, preference, discrimination in favor of very large and powerful interests in the transportation field have been the main causes of the overwhelming growth of a few concerns as compared with the struggling growth of many others.

This trust problem—and by that I mean the problem of giving to American business men an equal opportunity—cannot be solved unless there be a complete divorce of transportation from industry. We undertook a few years ago, in the Hepburn Act, to prevent the railroads from owning industries, from owning mines and manufactures, and in that way getting a preferential position which the ordinary shipper was not able to meet. The Act was narrowly construed by the Supreme Court, but even if the fullest and most generous construction had been given to it, it would not have been adequate, because it is not only important that the railroads should not control mining and other industries, but that the industries should not control railroads; and, equally, that there should not be a holding company controlling both industries and railroads in the same interest. Therefore, legislation affecting this result is absolutely essential to the giving of equality of opportunity to American business men.

While legislation is necessary, the Interstate Commerce Commission has recently taken a very important step in that direction. Within a fortnight it has rendered its decision in the Industrial Railroads case which marks an epoch in American transportation. It has declared that the great industries owning for their own convenience as a plant facility industrial railroads shall no longer stand in a preferential position as against the smaller shipper who has not such industrial railroads.

Before that decision the basis of the facts which led to that decision was that the great industries owning these industrial railroads were receiving as a part of the freight rates, important services free—services so great in the aggregate, that it was estimated that the illegal allowances granted to these industrial and the illegal services aggregated, in this Eastern Official Classification Territory alone, \$15,000,000; and when we consider that the whole amount which is supposed to be involved in this 5 per cent advance in freight rates is only about \$50,000,000, you will realize how important is that preference enjoyed by the great industries. There is now a proceeding before the Interstate Commerce Commission calling for a consideration of questions quite similar in principle to those involved in this case—services which are granted by railroads free, in addition to the line haul, to certain industries, mainly, the larger industries—not secretly, not in any sense illegals as to create in any way a moral taint, but actually rendered under cir-

cumstances that only the large interests can avail of.

Today we have been discussing at great length before the Interstate Commerce Commission what is called the "Trap" or ferry car service, granted free to those who have spur tracks to their industries. Under that the large shipper who not only has a spur track but who deals in such large quantities that he may send to the freight houses for trans-shipment at one time 10,000 pounds of freight in less than carload lots to be trans-shipped in less than carload lots gets what is equivalent to his truckage free, whereas all the smaller shippers must bear the truckage charge, heavy though that may be.

That is but one of many industries which, the investigation of the Interstate Commerce Commission has disclosed, is receiving, owing to the circumstances under which it operates, from the railroads a service very much greater than the smaller shipper receives—receiving free a service which the great mass of shippers cannot participate in at all. And just as in the Industrial Railroads case it appears that those special services and allowances have been depleting the revenues of the railroads to the extent of \$15,000,000, so those very services granted to individual circumstances as only the larger shippers can be taking from the railroads a very huge revenue in the aggregate.

When we come to consider this broad question of equality of opportunity which, for short, is sometimes called, rather inaccurately, "the trust problem," we must bear in mind this feature, that there is going on in the railroad world today a discrimination against the small man that has nothing to do directly with his efficiency. He may be ever so efficient, but if he is small, if he is unable to ship in large enough quantities to avail, for instance of this truckage service, his competitor, who is big, gets an advantage which, in the aggregate, is very big against him, and he moves on, not through superior efficiency, but through a preference that is given him; and in the course of that preference you are taking from the railroads a very large revenue.

Those questions must be considered when you come to deal with the broad business problems to which the present administration is so earnestly directing itself.

Advantages Lying in Great Industries.

There is one other feature in regard to this matter that I venture to call to your attention. I understand that Secretary Redfield has spoken about the relative efficiency of the large and small plant. It seems to me that the limit of efficiency in business is reached at a fairly early stage; that the disadvantages of size outweigh in many respects the advantage of size; but there is one respect in which the great industry has an important advantage. That is in the collection, the

getting of knowledge, the collection of data in regard to trade, that knowledge for which great concerns extend their bases of inquiry all over the world; and they have great capacity in the different parts of this country to know the state of the market, to know what is being done, to know what are the possibilities of trade, and also in their work through the laboratory. Laboratories are maintained, and they can be maintained only by great concerns.

That gives a perfectly legitimate advantage to the great industry—one for the pursuit of which our great captains of industry are to be commended.

We must also remember that we are working here in America upon the problem of democracy, and we cannot successfully grapple with the problem of democracy if we confine ourselves to political democracy. American development can come on the lines on which we seek it, and the ideals which we have can be attained, only if side by side with political democracy comes industrial democracy.

It is the relatively small man who pre-eminently needs the aid and the solicitous care of industry and of government. We have, gentlemen, to bear all the time that democratic view in mind, and to bear in mind that education does not end with the common school, nor does it end with the university. We are beginning throughout the country to talk now of vocational training. But where shall vocational training end? Not merely with the training of the individual for the bit of work that he is to enter into. That training must continue throughout life, and that training must extend to every part of his business life.

In what is perhaps the greatest department of our business—in the business of farming—we have come to recognize that fact, possibly because the need of greater efficiency in farming is more marked than it is anywhere else; but the Government has undertaken, with the good will and to the gratification, I believe, of every citizen, to give to the humblest farmer an opportunity to acquire the best knowledge which America affords. Through the agricultural experiment stations of state and nation, through the great work of our Department of Agriculture, we are undertaking to advance in every possible way the efficiency of the farmer.

The Government recognizes its duty to give to the farmer the opportunity of education. By giving him on the one hand, all the knowledge of the state of the market which can be obtained, and giving him, on the other hand, the best results of all the research that we know. What better could the Government of this country do than to extend to business that care and solicitude and aid which it shows in the case of the farmer? To make it affirmatively the business of the Government to extend to the manufacturer throughout this country the opportunity of knowing about his particular line of manufacture the best that can be known, because every man among us who is adopting any process in business which is not the best is guilty of a waste from which all of us are suffering. The best that there is, the

most advanced knowledge in every department of business, is that to which every American citizen, every American business man, ought to be entitled, and more.

Why should not we recognize in the great realms of business those principles which have been the common property of the most advanced thought? Every man in the medical world glories in having given to the world something which advances medical science. Every man in the field of architecture glories when he can give to the world something that advances architectural science. You will find exactly the same thing in almost every department of engineering. Why should it not be so in business? Is there any lack of opportunity for competition, honorable competition, in the field of engineering or of architecture or of medicine? They can play the game wherever a man can see it.

There need be no secrets when it comes to the question of advancing the art to which man devotes himself. And the same is absolutely true of business and will be recognized as true of business as soon as men come to recognize that business is one of the noblest and most promising of all professions. And in the carrying out of this idea of advancing business, of putting business into its proper place among human activities, the Government of the United States may play a great part. I look forward to the Trade Commission which we are about to establish as an instrument which will be of inestimable advantage to the business and the future of America by making the common property and the common knowledge of American business men the best that has been done and is being done in every department of business throughout the world.

Firms dealing with special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 5 story and base, brick and base, brick and steel. Cost not stated. Architect, W. G. Hind, 46 Kearny street, S. F. Owner, Mr. Redmond Payne. The building will be erected at the northwest corner of Sacramento and Jones streets. The building has been designed for a high class of tenants, the suites ranging from five and six rooms to twelve rooms. The first, second and third floors will each contain two apartments of five and six rooms, while the fourth and fifth floors will each contain one twelve-room suite. The building will occupy one of the choicest sites on the hill commanding a full view of the entire bay and the greater portion of the city and Alameda and Marin County shores. There will be a complete steel frame and exterior walls of brick faced with tapestry brick. Special trim will be used in the larger suites as desired by the tenants who have already leased. Solid mahogany of the Louis XIV style will be used. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Segregated figures are being taken.

SAN FRANCISCO—Apartment house, 7 story and base. Class A construction. Cost not stated. Architects, Wilks Polk & Co., Merchants' Exchange Bldg., S. F. Owner, John W. Proctor. This building will be erected on the south side of California street west of Mason and will have a complete steel frame, brick exterior walls and metal lath and plaster interior partitions. There will be but fourteen apartments, two to the floor, but each apartment will have five or six rooms with two and three baths. Interiors will be finished to suit the tenants who will lease for long terms. Plans also provide for steam heat, freight and passenger elevators and dumb waiters, hot water system and vacuum cleaning. Bath rooms will be finished in tile. Exterior of the building will be faced with pressed brick and terra cotta. Working drawings are now being prepared.

SAN FRANCISCO—Apartment house, 8 story and base, reinforced concrete. Cost not stated. Architect, none. Owner, P. H. Bosworth, 110 Jessie street, S. F. The building will be erected at the northwest corner of Broadway and Florence street, and has been designed to contain a total of 24 suites arranged in four rooms each. All apartments will have private baths and wall beds. Interior finish will be of pine and hardwood veneer. There will be steam heat and elevator service, a hot water supply and vacuum cleaning. Bath rooms will have tile wainscot and composition floors. Marble and tile will be used in the entrance. Exterior of the building will be faced with glazed tile. Plans are complete and the owner is taking segregated figures.

SAN FRANCISCO—Apartment house, 5 story and base, reinforced concrete \$25,000. Architect, L. M. Hansman, Sharon Bldg., S. F. Owner, I. S. Foorman. The building will be erected on O'Farrell street east of Jones, and has been designed to contain a store on the first floor and nine apartments of three rooms and bath on the upper four floors. Interior will be finished in pine with some elm panels and hardwood floors. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. All apartments will be equipped with wall beds and will have private bath rooms. Tile wainscot and composition floors will be used in the bath rooms. Marble and tile entrance will be used. Exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for at once.

SAN FRANCISCO—Apartment house, 7 story and base, steel and brick. Cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on the north side of Bush street west of Stockton and will cover an area of 40 by 91 feet 8 inches. There will be a total of 72 rooms arranged in 36 apartments of two rooms and bath each. Interior finish will be largely of pine. All suites will have

wall beds and private bath rooms. Plans provide for steam heat, elevator service and a hot water supply. Metal window frames and sash and a vacuum cleaning system are also specified. Exterior of the building will be faced with pressed brick and terra cotta trimming. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$24,000. Architect, E. H. Denke, 1317 Hyde street, S. F. Owners, Max and Dora Kolander. The building will be erected at the southeast corner of Franklin and Sacramento streets, covering an area of $3\frac{1}{4}$ by 79 feet. There will be a total of nine apartments of three and four rooms finished in pine and gum with some hardwood floors. Plans provide for steam heat and a hot water supply. All suites will have wall beds and private baths. Portable vacuum cleaners will be installed. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath and rustic. Plans are complete and figures will be called for shortly.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$20,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Rousseau Realty Co. The building will be erected at the southeast corner of Fillmore and Page streets and will cover an area of 30 by 81 feet. The first floor will contain a store besides the main entrance. Upper floors will be arranged for a total of seven apartments of three and four rooms. Interior finish will be of pine and elm with some oak floors. There will be steam heat and open fire places. All suites will have wall beds and private bath rooms. Tile wainscot and composition floors will be used in the bath rooms. Entrance will be finished in marble and tile. Exterior of the building will be covered with rustic and pressed brick veneer. Plans are nearly complete and the work will be done by Day Labor. The architects will purchase all materials.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$40,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, C. Lange. The building will be erected at the corner of Grand avenue and Park View, and has been designed to contain a number of two, three and four room suites, all of which will have private baths and wall beds. Interiors will be finished in pine and redwood with some elm panels. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Portable vacuum cleaners will be installed. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and segregated figures are being taken by both the architect and owner.

OAKLAND, CAL.—Apartment house, 2 story and base, frame, \$10,000. Architect, none. Owner, J. P. Beckett, 2635 Channing Way, Berkeley. The building will be erected on East 23rd avenue near 17th street, and will contain three and four room apartments. Interior finish will be of pine and redwood with some oak floors. There will be a central heating system and hot

water supply. Bath rooms will have tile wainscot and composition floors. All suites will be equipped with wall beds. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Apartment house, 5 story and base, Class C construction, \$100,000. Architect, C. H. Barrett, 381 Bush street, S. F. Owner, Mrs. J. H. Morton. The building will be erected at the northeast corner of Geary and Polk streets, covering a large ground area. A number of stores will occupy the ground floor while upper floors will be arranged for two and three room apartments with private baths. Interior will be finished in pine and hardwood veneer. Plans provide for steam heat, a hot water supply, vacuum cleaning system and elevator service. All suites will have wall beds. Bath rooms will be finished in tile with composition floors. Entrance will be finished in marble. Stores will have patent fronts. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Working drawings are complete and figures will be taken at once.

LOS ANGELES, CAL.—Apartment house, 2 story and base, brick. Cost not stated. Architect, Elmore R. Jeffery, Citizens' National Bank Bldg., L. A. Owner, William Duehring. The building will be erected at the corner of 16th and Georgia streets on a lot 50 by 90 feet. There will be a total of 42 rooms arranged in two and three room apartments with private baths and wall beds. Interior finish will be of pine throughout. All bath rooms will have composition floors and tile wainscot. Plans provide for steam heat and hot water supply. Exterior of the building will be faced with pressed brick.

LOS ANGELES, CAL.—Apartment house, 3 story and base, Class C construction. Cost not stated. Architect, C. F. Skillings, Garland Bldg., L. A. Owner, Mrs. Mundy. The building will be erected on a 45 by 70 foot lot located at the corner of 23rd and Hope streets. The plans provide for a total of 38 rooms, which will be arranged in two and three room apartments. All suites will have wall beds and private bath rooms. Interiors will be finished in pine and redwood with some elm panels and hardwood floors. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick. Cost not stated. Architects, Garrett & Farrell, Currier Bldg., L. A. Owner, H. A. Pierce. The building will be erected at the corner of 51st and Moneta avenue, and has been designed for five stores on the first floor and a total of 25 apartments of two and three rooms on the upper floors. Interior finish will be of pine throughout. All apartments will have wall beds and private bath rooms. Plans provide for steam heat, a hot water supply, vacuum cleaning and wall beds. Bath rooms will have tile wainscot and composition floors. Patent store fronts are specified. Ex-

terior of the building will be faced with pressed brick. Plans are being prepared.

SACRAMENTO, CAL.—Apartment house, bungalow type, 1 story frame. Cost not stated. Architect, none. Owner, A. Hollenbeck, 1631 K street, Sacramento. The building has been designed after the bungalow style and will contain four, four room apartments with baths. Interiors will be finished in pine and redwood with some oak floors. A central heating system will be installed. Bath rooms will have tile wainscot and composition floors. Automatic water heaters are specified. Exterior of the building will be covered with shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SEATTLE, WASH.—Apartment house, 4 story and base, brick and steel, \$35,000. Architect, V. W. Voorhes, Elitel Bldg., Seattle. Owner's name withheld. The building will be erected at the corner of 4th avenue and Bell street, and will contain 40 rooms arranged in two and three room apartments. All suites will have wall beds and private bath rooms. Interior finish will be of pine and redwood. Oak floors will be used in the principal rooms. A central heating system, probably steam heat, will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

SEATTLE, WASH.—Apartment house, 3 story and base, brick, \$35,000. Architect, Frank H. Fowler, Central Bldg., Seattle. Owner, D. O. Boyd. The building will cover an area of 73 by 120 feet, and has been designed to contain 35 suites of two and three rooms. Interior finish will be largely of pine with some hardwood floors. All apartments will have wall beds and private bath rooms. Plans provide for steam heat and a hot water supply. Bath rooms will be finished in tile with composition floors. Entrance will have tile and marble wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 3 story and base, Class C construction, \$15,000. Architects, Noonan & Murphy, Douglas Bldg., L. A. Owner's name withheld. Contractors, Noonan & Murphy, Douglas Bldg., L. A. Contract price, \$45,000.

BRIDGES AND DAMS.

SAN FRANCISCO—Wharf extension, pile construction. Cost not stated. Engineer, Assistant State Engineer Jerome Newman, Ferry Bldg., S. F. Owners, State of California. At the last meeting of the State Board of Harbor Commissioners it was voted to extend Meigs' Wharf a distance of 400 feet in the direction of the Presidio. The new portion of the wharf will be used by the army transports and the Union Oil shops. Construction will be of creosoted piles. Bids will be called for as soon as working drawings can be completed.

SAN FRANCISCO—Furnishing cement. Cost not stated. Engineer, Assistant State Engineer Jerome Newman, Ferry Bldg., S. F. Owners, State of California. Bids opened at the last meeting of the State Board of Harbor

Commissioners for furnishing 50,000 barrels of cement resulted in two bids of \$1.64 per barrel and one of \$1.90. No award has yet been made. A list of these figures will be found under the heading of San Francisco in this issue.

SEATTLE, WASH.—Dock, reinforced concrete, \$300,000. Engineer, Engineering Department Standard Oil Co., Standard Oil Bldg., S. F. Owners, Standard Oil Co. The work will consist of the construction of a 175-foot dock on the east side of East Waterway. A corrugated iron shed will also be constructed. Plans are now being prepared and figures will be called for shortly.

NAPA, NAPA CO., CAL.—Bridge, reinforced concrete, \$25,000. Engineers, Leonard & Day, Rialto Bldg., S. F. Owners, City of Napa. Engineers Leonard & Day have been commissioned to prepare plans for a reinforced concrete bridge to be erected on East First street in the city of Napa. The work will cost in the neighborhood of \$25,000 and working drawings will be complete in about 10 days. The bridge will be 150 feet long and 60 feet wide. Borings are now being made to determine the nature of the foundation soil.

CHURCHES.

SAN FRANCISCO—Church restoration, brick and steel, \$80,000. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, St. Patrick's Church. The present building located on the north side of Mission street between Third and Fourth streets is to be completely rehabilitated. Included in this work will be brick and concrete work, structural steel, plastering, carpentry, mill work and art glass. The old tower will be restored and a set of chimneys installed. Plans are complete and figures are now being taken. Father Rodgers is in charge of the work.

RIVERSIDE, RIVERSIDE CO., CAL.—Church, 1 story and base, reinforced concrete, \$25,000. Architect, T. Franklin Power, Higgins Bldg., L. A. Owners, Roman Catholic Church of Riverside. The building has been designed in the Spanish Renaissance style and will have a seating capacity of 700 people besides the Sunday school rooms. Interior finish will be of pine and redwood with ornamental plaster. Marble and art glass work are called for. Exterior of the building will be faced with cement plaster. Father Holm is in charge of the work. Plans are still in the preliminary stage and further mention will be made of the work.

FACTORIES & WAREHOUSES.

SEATTLE, WASH.—Warehouse, 4 story and base, reinforced concrete, \$200,000. Architect, Port of Seattle Commission, Central Bldg., Seattle. Owners, State of Washington. The warehouse will be erected on Whatcom avenue between Seacey and Lander, and will cover an area of 78 by 138 feet. Construction will be fireproof. The building will be equipped with all modern conveniences and is to have fireproof doors, metal window sash and frames. Plans are complete and figures are being called. Bids will be opened on April 15th. Alternate bids may be submitted on plans prepared

by the bidders and accomplishing the purpose of the design furnished by the Port of Seattle Commission.

FIRE HOUSES.

BERKELEY, ALAMEDA CO., CAL.—Fire houses, 3 2 story and base, frame, \$5,000 each. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, City of Berkeley. All bids received some time ago for these buildings have been rejected as plans were slightly changed after the bidders started to figure the work, and the City Attorney fears that contacts would not be binding. New figures will be advertised for within a few days. Further mention will be made of the work at that time.

FLATS.

SAN FRANCISCO—Flats, 4, 2 story and base, frame, \$4,500 each. Architect, Edward F. Helms, 5th avenue and California street, S. F. Owner, O. E. Anderson. These buildings will be erected on the east side of 15th avenue between California and Lake streets. Each of the houses has been designed to contain two modern flats of five and six rooms. Interiors will be finished in pine, redwood and some elm panels. Oak floors will be used in the principal rooms. There will be open fire places and tile mantels. Automatic water heaters will be installed. Bath rooms will have composition floors and tile wainscot. Exteriors will be covered with cement plaster on metal lath with pressed brick bases. Plans are in the hands of the owner and work will be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,500. Architect, none. Owners, C. J. and W. J. Keenan, Grove and Masonic avenue, S. F. The building will be erected on the east side of Masonic avenue near Grove street and will be similar in design and construction to several other flat buildings erected in the same neighborhood by Keenan Bros. There will be two flats of five and six rooms. Interiors will be finished in pine and redwood with oak floors in the principal rooms. Open fire places and tile mantels will be used in the living rooms. Baths will have tile floors and wainscot. Exterior of the building will be covered with shiplap and a brick veneer base. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,000. Architect, Edward F. Helms, 5th avenue and California street, S. F. Owner, L. F. Peterson. The building will be erected on the west side of 11th avenue near Fulton street and has been designed to contain two modern flats with garage in the basement. Each flat will contain six rooms and bath. Interior finish will be of pine and redwood with some elm panels and hardwood floors. Open fire places and tile mantels will be used in the living rooms. Automatic water heaters will be installed. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with cement plaster and shiplap. Plans are being prepared and when complete the work will be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, none.

Owner, G. Peterson, 551 12th avenue, S. F. The building will be erected on 11th avenue, covering an area of 25 by 57½ feet. There will be two modern flats of five and six rooms. Interior finish will be of pine throughout. Hardwood floors will be used in the living and dining rooms. Open fire places and tile mantels are specified. Automatic water heaters will be installed in the bath rooms. Exterior of the building will be covered with cement plaster and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

GARAGES.

SAN FRANCISCO—Garage, 2 story and base, reinforced concrete, \$40,000. Architect, none. Owner, G. P. W. Jensen, 320 Market street, S. F. The building will be erected at the corner of Bush and Polk streets, covering a considerable ground area, and has been designed for a commercial garage. Besides the storage space the building will contain office, machine shop and repair department. Interior will be finished in pine. Steel roof trusses and metal window sash and frames will be installed. Exterior of the building will be faced with cement plaster. Plans are in the hands of the owner, who is a well known contractor, and he will do the work by Day Labor.

GOVERNMENT WORK AND SUPPLIES.

Steel Bars.

The Reclamation Service is asking for proposals for furnishing about 2,610,620 pounds of square, cold twisted steel reinforcement bars for general use on its projects for the current year. Bids will be opened after 2 o'clock p. m. April 15, 1914, at the office of the Reclamation Service, Washington, D. C.

Bellevue, Wash., Steel Dryer.

The contract for constructing a steel dryer in the sewing room of the U. S. post office at Bellevue, Wash., has been awarded to Munroe & Haskel, Bellevue, Wash., at \$198.60.

Dredging, Puget Sound, Wash.

Under the call for bids for dredging at the navy yard, Puget Sound, Wash., it is estimated that about 6,400 cu yds of material is to be removed. There is available for the work \$4,000.

Pueblo Bonita Indian School.

The following bids were received by the commissioner of Indian Affairs, Washington, D. C., for the construction of three brick cottage dormitories at the Pueblo Bonita Indian School, N. Mex.:

J. M. Merriees & Co., Berkeley, Cal., \$29,550; 150 days.

Valley Construction & Realty Co., Phoenix, Ariz., \$33,675; 150 days.

Thomas W. Hall, Durango, Colo., \$29,740.

J. N. Harland, Albuquerque, N. Mex., \$35,040; time 6 months.

J. W. McQuade, Albuquerque, N. Mex., \$45,500; 8 months.

W. D. Lovell, Minneapolis, Minn., \$35,000; 150 days.

M. M. Sundt, East Las Vegas, N. Mex., \$36,164; 170 days.

Joe Plasecki, San Francisco, Cal., \$30,000; time not stated.

A. Motschman, Chicago, Ill., \$35,340.
Stebbins & Zillmer, Albuquerque,
N. Mex., \$17,500 ea; informal.

San Diego, Cal., Painting.

The following bids were received by the custodian, U. S. post office and custom house, San Diego, Cal., recently for painting plastering in the U. S. post office and custom house at San Diego, Cal.:

Charles C. Bogordus, 523 Ash street, San Diego, Cal., \$2,435; 45 days.

Grohne Contracting Co., Joliet, Ill., \$2,929; 90 days.

Daniel Lamont, 321 McNece Building, San Diego, Cal., \$3,965; 65 days.

John Barclay, 745 Logan avenue, San Diego, Cal., \$4,200; 3 1/2 months.

W. H. Chase, 943 18th street, San Diego, Cal., \$4,700; 75 days.

May's Decorating Co., 839 7th street, San Diego, Cal., \$4,488, time not stated.

Portland, Ore., Accumulators.

The following bid was received by the lighthouse inspector, 17th district, Portland, Ore., for accumulators, sun-valve, and fittings for Lime Kiln light:

American Gas Accumulator Co., Philadelphia, Pa., \$570.70; accepted.

Transformers and Meters.

Abstract of bids received for transformers and meters for Sun River project, advertisement 277:

Pittsburgh Transformer Co., Pittsburgh, Pa., \$483; 2,900 lbs; Pittsburgh, 20 days.

Westinghouse Electric & Mfg. Co., Los Angeles, Cal., \$545, 2,900 lbs, East Pittsburgh, 30 days; \$138.57, Newark, N. J., \$130.50, Pittsburgh, 30 days.

B. F. Kierulff, Jr., & Co., Los Angeles, Cal., \$545, 3,300 lbs, Fort Wayne, 30 days; \$150.50, Fort Wayne, 30 days.

Wagner Electric & Mfg. Co., St. Louis, Mo., \$552, 2,115 lbs, St. Louis, 45 days.

General Electric & Mfg. Co., Los Angeles, Cal., \$553, 2,365 lbs, Pittsfield, Mass., 60 days; \$150.80, Lynn, Mass., 30 days.

Allis-Chalmers Mfg. Co., Los Angeles, Cal., \$630, 2,000 lbs, East Norwood, 40 working days.

Building, Western Navajo School.

The following bids were opened by the commissioner of Indian Affairs, Washington, D. C., for additions to two stone dormitories at the Western Navajo Indian School, Ariz.:

M. M. Soudt, East Las Vegas, N. Mex., \$46,885.10; special proposal No. 1, add \$1,903.20; No. 2, deduct \$12,292.90; No. 3, deduct \$5,618.20; No. 4, add \$5,960; No. 5, deduct \$94; time 180 days.

A. E. Edwards, T. M. Ekram, & Edmund Lund, Denver, Colo., \$49,139; work complete, with metal ceilings, \$53,539; for the omission of painting, deduct \$2,000; time not stated.

W. D. Lovell, Minneapolis, Minn., \$40,555, including the removal of the present plumbing; special proposal No. 1, add \$1,000; 2, deduct \$10,000; 3, deduct \$5,500; 4, add \$2,000; 5, add \$1,000; 200 days.

Valley Construction Co., Phoenix, Ariz., \$53,800; special proposal No. 1, complete \$55,200; 2, \$37,200; 3, \$46,300; 4, for removing plumbing only, add \$1,900; time 150 days.

San Francisco, Cal., Alterations.

The contract for alterations at the U. S. post office, Station "B," San Francisco, Cal., has been awarded to Thomas F. Bowd at \$32.

HOSPITALS

SAN FRANCISCO—Hospital, 2 story and base, reinforced concrete, \$55,000. Architect, John Baur, Sharon Bldg., S. F. Owner's name withheld. The building will be erected at the corner of Geary and Wood streets, and has been designed for a private institution containing two small wards and twelve private rooms. Interior finish will be of pine and hardwood with considerable tile. There will be steam heat, a hot water system and modern hospital plumbing. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

HOTELS.

OAKLAND, CAL.—Hotel, 3 story and base, frame, \$25,000. Architect, none. Owner, Edward Olsen, 977 Bay View, Oakland. The building has been designed for a rooming house, containing 50 rooms and several public baths, and will be erected on 8th street near Jefferson. Interior finish will be of pine and redwood. Plans provide for steam heat and a hot water supply. All bath rooms will be finished in tile and will have composition floors. Exterior of the building will be covered with brick veneer and rustic. Plans are in the hands of the owner who will do the work by Day Labor.

LOS ANGELES, CAL.—Hotel, 3 story and base, Class C construction. Cost not stated. Architect, C. F. Skillings, Gartland Bldg., S. F. Owners, Mrs. Fullerton and Mrs. Wagner. The building will be erected on West 20th street near 5th, and will cover an area of 50 by 90 feet. Upper floors have been arranged for a total of 40 guest rooms and 20 baths. Interior will be finished in pine and redwood. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster. Plans are being prepared and figures will be called for shortly.

NILAND, IMPERIAL CO., CAL.—Hotel, 2 story and base, brick. Cost not stated. Architect, Frank L. Siff, Grosse Bldg., L. A. Owners, California Land and Water Co. The building will be erected on a corner lot and has been designed for two stores, hotel lobby and billiard room on the first floor. Upper floor will contain 70 guest rooms and a number of baths. The building is irregular in shape and will cover an area of approximately 30,000 square feet. Plans provide for steam heat and a refrigerating system. Interior finish will be of pine. Exterior of the building will be covered with cement plaster. Plans are complete and foundation work is being done by Day Labor. A contract for the balance of the work will be let.

SAN FRANCISCO—Hotel, 15 story and base, Class A construction, \$190,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on a lot 46 by 90 feet located on the west side of Powell street north of Post

and will be fireproof throughout. There will be a complete steel frame with brick exterior walls, concrete floors and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. Plans show a total of 140 guest rooms, all of which will have private baths. Exterior of the building will be finished in pine and hardwoods with some metal trim, metal window sash and frames. There will be steam heat, elevator service, a hot water supply and vacuum cleaning system. Bath rooms will have tile floors and wainscot and will be equipped with showers. A large and handsomely finished lobby, offices and lounging room will occupy the first floor. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

Contracts Awarded.

PENDELTON, ORE.—Hotel, 2 story and base, brick, \$32,200. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Owners, Pendelton Hotel Co. Contractor, J. S. Winters, Couch Bldg., Portland. Contract price, \$32,200.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Private concession building, frame and plaster. Cost not stated. Architect, Edward T. Poulkes, Crocker Bldg., S. F. Owner, Mr. McConnell. Architect Edward T. Poulkes has been commissioned to design several private concession buildings to be erected by Mr. McConnell at the Panama-Pacific Exposition. These structures will be of frame and plaster and will represent a considerable investment.

SAN FRANCISCO—State Exhibit building, frame and plaster. Cost not stated. Architect, M. E. Metzinger, Dayton, Ohio. Owners, State of Ohio. Architect M. E. Metzinger has been commissioned to prepare plans for the Ohio State Building to be erected at the Panama-Pacific Exposition. These plans are well advanced and bids will be called for shortly.

SAN FRANCISCO—State Exhibit building, frame and plaster. Cost not stated. Architect's name not given. Owners, State of Illinois. Plans for the Illinois State Building have been approved and will be forwarded to this city shortly. It is planned to have the building under way by May 15th. The building will be a three-story structure, 96x136 feet, and will cost between \$90,000 and \$100,000.

POST OFFICES.

GRASS VALLEY, NEVADA CO., CAL.—Post office, 1 story and base, semi-fireproof construction. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans for the construction of this building have been forwarded to the west and are now in the hands of contractors for figures. Bids will be opened on May 6th. The building will cover approximately 4,450 square feet of ground area. Interior finish will be of pine with some hardwood. There will be steam heat and modern plumbing and electric work. Exterior will be faced with pressed brick. An official proposal appears in another column of this issue.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO—Concrete trolley poles. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. All bids received for this work have been rejected by the Board of Public Works and new figures are being called. The total amount of the contract approximates \$30,000. Both plain and ornamental trolley poles will be required. Bids will be opened on April 15th. Plans and specifications can be secured from the City Engineer.

SAN FRANCISCO—Municipal Car barns machine shop equipment. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids received for furnishing machine shop equipment for the Municipal Railroad show the Pacific Tool and Supply Co. low on the 36-inch drill and the California Press Mfg. Co. low on the hydraulic wheel press. A complete list of the bids will be found under the heading of San Francisco in this issue.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$6,500. Architect, none. Owner, Paul Gerson, 216 McAllister street, S. F. The dwelling will be erected in Jordan Park on Commonwealth avenue between Euclid and Geary, and has been designed for a seven-room house with two baths. Interior finish will be of pine with some hardwood veneer and oak floors. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are in the hands of the owner who is taking figures on the work.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, Edward E. Young, 251 Kearny street, S. F. Owners, Harvard and Hill, 20 Franklin street, S. F. The dwelling will be erected on 25th avenue near Irving and will be similar to several other houses erected by the same owners. Interior finish will be largely of pine. Some oak floors will be used. There will be a large open fire place in the living room and a tile mantel. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,500. Architect, Edward F. Helms, 5th avenue and California street, S. F. Owner, Mr. H. Judell. The dwelling has been designed for a seven-room house and will be erected on Jackson street. Interior finish will be of pine with some hardwood veneer. Oak floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot and composi-

tion floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. The dwelling will be erected on 16th avenue north of California and will contain six rooms and bath. All interior finish will be of pine or redwood. Hardwood floors will be used in the principal rooms. A large open fire place will be a feature of the living room. Mantel will be of tile. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$6,000. Architect, H. H. Gutterson, 50 Post street, S. F. Owner, Mrs. W. Shipman. The dwelling has been designed for a seven-room house with bath and sleeping porch and will be erected in St. Francis Wood. Interior finish will be of pine, redwood and some hardwood veneer. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Residences, 2 story and base, frame, \$3,000 each. Architect, Edward F. Helms, 5th avenue and California street, S. F. Owner, O. E. Anderson. These dwellings will contain five and six rooms and will be erected on the east side of 10th avenue between California and Lake streets. Pine and redwood will be used for interior finish. All houses will have open fire places and tile mantels in the living rooms. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be specified. Exterior will be covered with cement plaster on metal lath, rustic and shingles. Plans are now being prepared and when complete the work will be done by Day Labor. Materials will be purchased by the owner.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. The dwelling will be erected on the north side of California street near 16th avenue and will contain six rooms and bath. Interior finish will be entirely of pine or redwood. Oak floors will be used in the living room, dining room and reception hall. There will be a large open fire place and tile mantel. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, none. Owner, Theo Fenn, 749 61st street, Oakland. The dwelling has been designed for a six-room house with

bath and sleeping porch and will be erected on Boulevard near 54th street. Interior finish will be of pine and redwood with some hardwood floors. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the owner will do the work by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, E. A. Kruse. The dwelling will be erected in Thousand Oaks, and has been designed to contain seven rooms and bath. Interior finish will be largely of pine with some hardwood veneer. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Frederick Townsend. The house will be erected in the Northbrae Tract and has been designed to contain seven rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath room and kitchen will have tile wainscot. A composition floor will be used in the bath room. An automatic water heater will be specified. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor under the direction of the architect.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$10,000. Architects, Mitchell & Hodges, Bankers' Investment Bldg., S. F. Owner, A. Meehan. The dwelling will be erected on Russell street near Claremont and has been designed for a twelve-room house with three baths and sleeping porch. Interior finish will be of pine and hardwood with some white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. Automatic water heaters will be specified. A garage will also be erected on the property. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, James W. Plachet, Acheson Bldg., Berkeley. Owner, Joel Hildebrand. The dwelling will be erected on Le Roy street near Buena Vista Way and has been designed for a six-room house with bath. Interior finish will be of pine throughout. Hardwood floors will be used in the living room, dining room and re-

ception hall. There will be furnace heat and one large open fire place. Mantel will be of tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the architect is now taking figures.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architect, George Anderson, 6046 Lawton street, Oakland. Owner, L. J. Jenks. The house has been designed for a seven-room dwelling and will be erected at the northwest corner of Woolsey and Benvenue streets. Interior finish will be largely of pine with some white enamel and hardwood veneer. Oak floors will be used in the principal rooms. Bath room will have tile floor and wainscot. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,000. Architect, none. Owners, MacArthur Bros. 1560 Fell street, S. F. The dwelling will be erected on 5th avenue south of Cabrillo, and has been designed to contain five rooms and bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster and a brick veneer base. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$10,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Mrs. Brunner. The dwelling has been designed for a ten-room house and will be erected on 16th avenue near California. There will be a garage in the basement. Interior will be finished in pine with some elm panels and hardwood floors. Bath room will have tile wainscot and composition floor. An automatic water heater is specified. There will be furnace heat and open fire places. Mantels will be of tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$30,000. Architect, Albert Farr, Foxcroft Bldg., S. F. Owner, Mr. Moore, of the Moore-Watson Co. The dwelling has been designed for a fourteen-room house with several baths and sleeping porch. A garage will also be erected on the lot. Interior of the dwelling will be finished in pine, redwood, hardwoods and white enamel. Hardwood floors will be used in the principal rooms. Plans provide for a central heating system and hot water supply. Vacuum cleaners will also be installed. There will be several large open fire places with tile or brick mantels. All bath rooms will be finished in tile. Exterior of both the house and garage will be covered with cement plaster on metal lath. A red clay tile roof will be used. Plans are being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$12,000. Architect, Charles Mau, Macdonough Bldg., Oakland. Owners, Misses Mary and Margaret Dunn. The dwelling will be erected at the northeast corner of Bellevue and Van Buren streets, and has been designed to contain twelve rooms, three baths and sleeping porch. Interior finish will be of pine, redwood and hardwoods. There will be furnace heat and open fire places. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for this week.

SAN FRANCISCO—Residences, 2 2 story and base, frame, \$2,000 each. Architect, E. J. Spence, 537 25th avenue, S. F. Owners, Spence and Fearick. These two houses have been designed for six-room dwellings and will be erected on 15th avenue south of Anza. Interiors will be finished in pine and redwood with some hardwood floors. There will be open fire places in each living room with tile mantels. The wainscot will be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exterior will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owners who will do the work by Day Labor.

ALAMEDA, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$2,000. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, C. C. Adams. The dwelling will be erected in Waterside Terrace and has been designed to contain seven rooms and bath. Interior finish will be largely of pine with some redwood and oak. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile floor and wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$1,000. Architect, A. Lacy Worswick, 700 Octavia street, S. F. Owner, A. Lacy Worswick. The dwelling will be erected on Stow street near Wayne and has been designed for an eight-room house with bath. Interior will be finished in pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architect, Albert Schroeffer, Foxcroft Bldg., S. F. Owner's name withheld. The dwelling will be erected on Ryala avenue near Martin and has been designed to contain six rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An auto-

matic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,000. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, J. B. Morton. The dwelling will be erected in the Country Club Heights and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine with some hardwood veneer. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story, attic and base, frame, \$30,000. Architect, Albert Farr, Foxcroft Bldg., S. F. Owner, John Spohn. The dwelling has been designed for a fourteen-room house with several baths and a sleeping porch, and will be erected on a corner lot. A garage will be erected in the rear. Interior of the house will be handsomely finished in pine and hardwoods. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. All bath rooms will have tile floors and wainscot and will be equipped with showers. Automatic water heaters and portable vacuum cleaners will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. A clay tile roof will be used. Plans are now being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,000. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, P. Lindblad. The dwelling has been designed for a seven-room house and will be erected on Crofton avenue near Boulevard Way. Interior of the house will be finished in pine with some elm panels and beam ceilings. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater is specified. Bath rooms will have tile wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

SAN JOSE, SANTA CLARA CO., CAL.—Residences, 1 and 2 story, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: G. T. Altman, 342 South 15th street, 2 five-room cottages, \$5,000; Mrs. V. Henderson, 845 East Jackson street, four-room cottage, \$1,800; L. T. Clark, 696 South 5th street, 2 five-room cottages, \$2,000 each; O. P. Sider, 1009 East Santa Clara street, five-room cottage, \$1,060; S. G. Pelton, Montgomery Bldg., six-room cottage, \$2,500, and Leo Lampardo, 976 South Vine street, repairs to cottages, \$1,000.

STOCKTON, SAN JOAQUIN CO., CAL.—Residences, 1 and 2 story, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Stockton: C. C. Henderson, 705 East Anderson, 1 story,

frame cottage, \$2,000; Jerome Ingalls, 321 West Park, 1 story frame cottage, \$1,800; George E. Lewis, 1344 East Anderson, 2 story frame dwelling, \$2,000; A. H. Dacome, 1346 East Lindsay, frame residence, \$2,000.

SACRAMENTO, CAL.—Residences, 1 and 2 story, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: Sacramento Home Builders, Forum Bldg., 1 story, five-room cottage, \$2,000; Palm Iron Works, 15th and R streets, 1 story, frame cottage \$1,600, and W. D. McKay, 3029 E street, 1 story, five-room cottage, \$2,500.

SEATTLE, WASH.—Residence, 2 1/2 story and base, tile, \$30,000. Architect, Carl Gould, Boston Bldg., Seattle. Owner, J. H. Bodell. The dwelling will be erected on Harvard Boulevard, covering and area of 40 by 62 feet with a wing 25 by 35 feet. There will be in the neighborhood of twelve rooms, several baths and a garage. Much landscape work is also contemplated. Interior of the dwelling will be finished in pine and hardwoods. Hardwood floors will be used in the principal rooms. There will be steam heat and a hot water supply. Portable vacuum cleaners are also specified. Bath rooms will have tile wainscot and composition floors. Exterior of the dwelling will be covered with cement plaster. Plans are complete and ready for figures.

BRENTWOOD, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame, \$25,000. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, C. Stephens. The house has been designed in the classic style and will contain sixteen rooms and three baths. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. Plans provide for steam heat and a hot water supply. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

HOLLYWOOD, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame, \$25,000. Architect, Arthur S. Heineman, Fernando Bldg., L. A. Owner, Mrs. Russak. The dwelling will cover an area of 80 by 60 feet and will contain fifteen rooms, three baths and sleeping porches. A garage will also be erected on the property. Interior will be finished in pine and hardwood. There will be a central heating system, probably furnace heat, and open fire places. Mantels will be of tile. Hardwood floors will be used in the principal rooms. Bath rooms will have tile wainscot and floors and will be equipped with showers. Considerable art glass and ornamental grilles will be used. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

SCHOOLS.

SAN FRANCISCO—School, 2 story and base, brick and concrete. Cost not stated. Architect, Albert Pissis, Flood Bldg., S. F. Owners, City and County of San Francisco. Bids opened for the construction of the Oriental School at the last meeting of the Board of Public Works show Elmer Carlson low on the general construction. While no contracts have been awarded the work

will probably go to the several lowest firms. A complete list of all bids will be found under the heading of San Francisco in this issue.

Bids were opened at the same meeting for glass and glazing of skylights and pent houses on the roof of the Academic building. Polytechnic group. The California Plate and Window Glass Co. were low at \$1,220.

SACRAMENTO, CAL.—School, 1 and 2 story, reinforced concrete. Cost not stated. Architects, Shea & Lofquist, Fankers' Investment Bldg., S. F. Owners, City of Sacramento. Plans are now nearly complete for the second school to be erected in Sacramento from plans by the same architects. As soon as working drawings can be completed bids will be called. Further mention will be made of the work.

STOCKTON, SAN JOAQUIN CO., CAL.—Academy, 2 story and base, brick and steel, \$70,000. Architects, Stone & Wright, San Joaquin Bldg., Stockton. Owners, St. Agnes Academy. The building has been mentioned here several times before. Plans are complete and now in the hands of the contractors for figures. Bids will be opened on April 12th. The building has been designed to contain class rooms, dormitories, dining rooms and chapel. Interior will be finished in pine with some maple floors. Plans provide for steam heat and a hot water system and vacuum cleaning. Exterior will be faced with pressed brick.

STOCKTON, SAN JOAQUIN CO., CAL.—School addition, 1 story, brick and concrete. Cost not stated. Architects, Stone & Wright, San Joaquin Bldg., Stockton. Owners, City of Stockton. An addition of four rooms is to be made to the North School. Plans for the work are complete and now out for figures. Bids will be opened on April 8th. Plans can be secured from the architects. The work includes a steam heating system, modern plumbing and ventilation.

WILLOWS, GLENN CO., CAL.—School, 2 story and base, reinforced concrete, \$50,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Willows School District. The building will contain eight class rooms, assembly hall and study rooms. Construction will be of the semi-fireproof type. Interior finish will be of pine with maple floors in the class rooms. Plans provide for steam heat, vacuum cleaning system and program clocks. Modern school plumbing will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken. Bids will be opened on April 18th. Separate bids are being taken for the general construction with an alternate proposition, heating and ventilating, plumbing, vacuum cleaning and program clocks.

FRESNO, FRESNO CO., CAL.—Advisory architects to the Board of Education. Architects Coates & Traver, advisory architects to the Fresno Board of Education, have opened offices in the Rowell Bldg., Fresno, and would like to receive samples and catalogues from the trade. Any expense attached to the delivery of these catalogues may be collected at the San Francisco office of the architects in the Addison-Head Bldg.

SAN FERNANDO, LOS ANGELES CO., CAL.—School addition, 2 story and base, brick and frame, \$25,000 to \$30,-

000. Architects, Austin & Pennell, Wright & Callender Bldg., L. A. Owners, San Fernando School District. The new portion of the building will contain eight class rooms which will be finished in pine with maple floors. The present heating system, steam, will be extended into the new portion of the building. Exterior will be faced with red pressed brick. Plans are being prepared. Further mention will be made of the work.

LOS ANGELES, CAL.—Mission school, 3 story and base, brick. Cost not stated. Architect, Robert H. Orr, Van Nuys Bldg., L. A. Owners, Christian Women's Board of Missions of Indianapolis. The building will be erected on Wall street. The first floor will contain the chapel, offices and class rooms. Second floor will contain 20 private rooms with baths and the third floor will be arranged for six apartments of three rooms each. Interior finish will be of pine throughout. Plans provide for steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. A general contract, except the heating, will be awarded. Plans are complete and new figures are being taken.

Contracts Awarded.

STOCKTON, SAN JOAQUIN CO., CAL.—School, 2 story and base, reinforced concrete, \$50,000. Architects, Stone & Wright, San Joaquin Bldg., Stockton. Owners, Stockton School District. Contractors, O. B. Ackerman & Son, Oakland. Contract price, \$68,400. A complete list of the figures received for this work appears under the heading of Sacramento, Stockton and Northern California in this issue.

SEWERS, STREET WORK AND WATER SYSTEMS.

CALIFORNIA—State Highway work. Cost not stated. Engineer, Austin B. Fletcher, State Highway Engineer, Forum Bldg., Sacramento. Owners, State of California. Plans and specifications have been completed for state highways in Siskiyou (8 miles), Shasta (9.9 miles), Tehama (8.8 miles), Butte (11.2 miles), Glenn (7 miles), and Sonoma (4.5 miles). Bids for this work will be opened on April 27th at 2 p. m. An official proposal appears in another column of this issue. Further information may be obtained by addressing Wilson R. Ellis, Secretary State Highway Commission, Forum Bldg., Sacramento.

CALIFORNIA—State Highway work. Cost not stated. Engineer, Austin B. Fletcher, State Highway Engineer, Forum Bldg., Sacramento. Owners, State of California. Bids were opened at the last meeting of the State Highway Commission for highways in the following counties: Santa Clara, El Dorado, Merced, Tuolumne, Mendocino and two pieces in San Diego. A complete list of all bids received will be found under the heading of San Francisco in this issue.

STORES.

SAN FRANCISCO—Stores and lofts, 2 story and base, brick. Cost not stated. Architects, Rouseau & Rouseau, Monadnock Bldg., S. F. Owners, Eisenbach Co. The building will be erected

on the south side of Sutter street east of Jones and has been designed to contain two stores on the first floor and lofts above. Interior finish will be of pine throughout. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans are being prepared.

OAKLAND, CAL.—Offices, 3 story and base, brick and steel, \$50,000. Architects, Milwain Bros., Delger Bldg., Oakland. Owners, San Francisco-Oakland Terminal Railway. The building will be erected at the corner of 22nd and Grove streets, and has been designed for use as the company's administrative headquarters. Interior finish will be of pine and hardwood veneer. There will be steam heat, a hot water supply and vacuum cleaning system. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

FRESNO, FRESNO CO., CAL.—Stores and offices, 4 to 6 story and base, brick and steel, \$125,000 or more. Architect, Eugene Mathewson, Fresno. Owner, L. L. Corey. This building will be erected at the corner of J and Fresno streets, having a frontage of 77 feet on one street and 150 feet on the other. Construction will be of the Class A type throughout with a complete steel frame, brick exterior walls and concrete floors. Interior partitions will be of metal lath and plaster. There will be six stores besides the office entrance on the first floor. Upper floors will be arranged for a large number of modern offices. Interior finish will be of pine and hardwoods with some metal trim. Plans provide for steam heat, oil burning equipment, vacuum cleaning system and metal window sash and frames. Patent store fronts and marble wainscot are also specified. Two elevators will be installed. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared and figures will be called for shortly.

LONG BEACH, LOS ANGELES CO., CAL.—Bank and offices, 5 story and base, brick and steel. Cost not stated. Architects, Kremple & Erkes, Henne Bldg., L. A. Owner, William Prestin. The building will be erected at the corner of Pine avenue and Broadway, covering an area of 50 by 150 feet. While plans have been prepared for a five-story structure, it is possible that only three stories will be erected at this time. The first floor will contain three stores and a banking room, occupied by the Marine Commercial and Savings Bank. Twenty offices have been provided for on each of the upper stories. There will be steel frame and brick exterior walls. Interior partitions will be of metal lath and plaster. Elevator service, special bank fixtures, vaults and metal window sash, and frames are specified. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SEATTLE, WASH.—Stores and offices, 22 story and base, steel and reinforced concrete, \$150,000. Architect, E. W. Houghton, Collins Bldg., Seattle. Owner, C. H. Jones, representing Chicago capital. The building will be erected at the northeast corner of Second avenue and Marion, covering an area of 168 by 122 feet. The interior first floor, except that portion devoted to the entrance, will be occupied by a

high class moving picture theatre. Upper floors will contain a total of 420 offices. Construction will be fireproof throughout with a complete steel frame, reinforced concrete walls, floors and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. Interior of the theatre will be handsomely finished in ornamental plaster. Metal trim, hardwoods, marble and tile will be used for finish throughout the office portion of the building. Basement of the building will be occupied by a cafe. The plans provide for seven passenger elevators, steam heat, hot water system, vacuum cleaning and mail chutes. Exterior will be faced with marble and terra cotta. Plans will be ready to submit to the owners inside of two weeks. Further mention will be made of the work.

THEATRES.

BERKELEY, ALAMEDA CO., CAL.—Theatre, 2 story and base. Class A construction, \$70,000. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, The Bishop Co. The building will be erected at the corner of Grove and University avenue and will contain one store besides the theatre. Construction will be fireproof with a steel frame, reinforced concrete or brick walls and metal interior partitions. The main auditorium will have a seating capacity of 1,000 people. Interior finish will be of pine and ornamental plaster. There will be steam heat and a modern system of ventilating. Exterior of the building will be faced with pressed brick and terra cotta. Plans are also being prepared for other similar buildings to be erected in the interior valley towns.

OAKLAND, CAL.—Theatre, 2 story and base, Class A construction, \$80,000. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, The Bishop Co. The building will be erected at the northwest corner of 14th and Harrison streets and will contain one store besides the theatre. Construction will be fireproof throughout. The main auditorium will have a seating capacity of 1,200 people. Interior finish will be of pine and ornamental plaster. There will be steam heat and a modern system of ventilation. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared. Several other similar buildings will be erected by the same owners in interior valley towns.

PORTLAND, ORE.—Theatre and offices, 4 story and base, reinforced concrete, \$100,000. Architect, Aaron Gould, Henry Bldg., Portland. Owner, Melvin G. Winstock. The building will be erected at the corner of Park and Stark streets, covering an area of 160 feet square. There will be eight stores besides the theatre on the first floor. Upper floors will each contain 20 modern offices. Construction will be fireproof throughout. Interior finish will be of pine and hardwood, marble and tile. The theatre will have a seating capacity of 2,000 people. Plans provide for steam heat, elevator service, patent store fronts, metal window sash and frames and vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans will be out for figures within two weeks.

Contracts Awarded.
SEATTLE, WASH.—Theatre, 3 story and base. Class A construction, \$80,000. Architect, H. Ryan, Northern Bank Bldg., Seattle. Owners, Blaine Estate. Contractor, H. D. Stewart, American Bank Bldg., Seattle. Contract price, \$80,000. Note: The contractor is now taking subbarges on the work.

SEALED PROPOSALS.

PROPOSALS FOR STEEL BARS.
STEEL BARS.—Department of the Interior, U. S. Reclamation Service, Washington, D. C. Sealed proposals will be received at the office of the U. S. Reclamation Service, Washington, D. C., until 2 o'clock p. m. April 15, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit: The marble work for the cut in Hall. Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within four hundred (400) calendar days thereafter.

PROPOSALS FOR MARBLE.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 20th day of April, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The marble work for the cut in Hall. Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within four hundred (400) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed as follows:

- Proposition No. 1—\$75,000.00.
- Proposition No. 2—\$50,000.00.
- Proposition No. 3—\$50,000.00.
- Proposition No. 4—\$50,000.00.
- Proposition No. 5—\$50,000.00.
- Proposition No. 6—\$50,000.00.
- Proposition No. 7—\$100,000.00.
- Proposition No. 8—\$100,000.00.
- Proposition No. 9—\$100,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. **RICHARD J. CLINE,** Secretary.

PROPOSALS FOR BUILDING.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 15th day of April, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The construction of buildings, foundations, hopper bins and tanks for the Municipal Asylum, situate at Florida street and Treat avenue.

Progressive payments will be made.

Said work must be done in accordance with the plans and specifications thereon on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days and completed within one hundred and twenty (120) calendar days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance of contract has been fixed at \$5,000.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order

W. R. BRODE, Pres. LOUIS R. HOLM, Sec. R. J. BRODE, Vice-Pres.

BRODE IRON WORKS

Established 1886—Incorporated 1913

Tel. Kearny 2464.

Fabricators and Contractors of Structural Steel and Ornamental Iron Work

Office & Works: 31-37 Hawthorne St., bet. Howard & Folsom Sts., San Francisco, Cal.

of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. **RICHARD J. CLINE,** Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of **2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 15th day of April, 1914,** for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The cutting and dressing of curb from granite on the site of the Old City Hall.

Progressive payments will be made.

Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within two hundred (200) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$5,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms. The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. **RICHARD J. CLINE,** Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of **2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 15th day of April, 1914,** for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The Furnishing and Installing of Reinforced Concrete Trestles, to be used in the Municipal Railway Extensions.

Progressive payments will be made.

Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days from the receipt of written notice from the Board of Public Works, and completed within one hundred and eighty (180) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$24,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms. The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. **RICHARD J. CLINE,** Secretary.

STATE OF CALIFORNIA, DEPARTMENT OF ENGINEERING, CALIFORNIA HIGHWAY COMMISSION NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Bldg., Sacramento, Cal., until the time herein-after noted, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, portions of State highway as follows:

Until 2 o'clock p. m., April 27, 1914.

Siskiyou County from Hernbrook to the Oregon Line (II-Sis-3-C), about 8 miles in length, to be graded.

Shasta County from La Moine to Hazel Creek P. O. (II-Sha-3-D), about 9.9 miles in length, to be graded.

Tehama County from the southerly boundary to Corning (II-Teh-7-A), about 8.3 miles in length, to be built of Portland cement concrete.

Butte County from Linde Channel to the northerly boundary (III-But-3-D), about 11.2 miles in length, to be built of Portland cement concrete.

Glenn County from Grapit to the northerly boundary (III-Gle-7-C), about miles in length, to be built of Portland cement concrete.

Sonoma County from the northerly boundary to Cloverdale (IV-Son-1-A), about 4.5 miles in length, to be graded.

Plans may be seen and forms of proposals, bonds, contract, and specifications may be obtained, at the said office, and they may be seen at the offices of the Division Engineers of the divisions in which the work is situated. The Division Engineers' offices are located at Willits, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to each blank form of proposal, for directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

**CHARLES D. BLANEY,
CHARLES F. STERN,**

California Highway Commission,
AUSTIN B. BLANEY, Highway Engineer.

WILSON R. ELLIS, Secretary. (*)

Rec'd March 25, 1914.

PROPOSALS FOR ARCHITECTURAL TERRAZZO COFFRA WORK.

PURSUANT to Resolution No. 7423 N. S., passed March 16, 1914, the Council of the City of Oakland will receive bids for furnishing of all the labor, materials and workmanship required in connection with the construction, erection and finish of the Architectural Terrazzo Setting in the Auditorium, located on Twelfth street, between Fallon street and Lake Shore avenue, in the City of Oakland.

All proposals shall be made upon and conform to the requirements of the forms of proposals, prepared and furnished by the City of Oakland, the Supervising Architect, and shall be enclosed in sealed envelopes endorsed "Bid for Auditorium," addressed to the Content and delivered to the Auditor or his agent, with said Council, while in session, between 11 o'clock a. m. and 12 o'clock, Noon, Pacific Time, on the 18th day of April, 1914, at the room of the Council in the City Hall, 14th and

Washington streets, Oakland, and at the expiration of the time named the bids will be opened, examined and publicly declared in open session of the Council.

All said materials, labor and workmanship is to consist of that required by, and be in accordance with the plans, drawings and specifications prepared therefor and on file in the office of John J. Donovan, Supervising Architect of the City of Oakland, and all said plans and specifications reference is hereby made.

The Contract for the furnishing of all the labor and materials entering into the construction, erection and completion of the Architectural Terrazzo and Setting, all as indicated on the Plans and Drawings, and as called for in the specifications is to be let or awarded as a separate contract.

The Contractor will be required to begin work within five (5) days from the execution of the contract, unless otherwise notified in writing by the owner for contract, and to fully complete the entire work in accordance with the requirements of the agreement, plans, drawings and specifications, and to guarantee the entire satisfaction of the Commissioner of Public Works and the Council, on or before one hundred (100) working days from and after the beginning of the work.

After the award and upon the execution of the agreement, the contractor shall, at the same time, execute to the City of Oakland and deliver to the Auditor a bond guaranteeing to the City the faithful performance of the contract and to the satisfaction of twenty-five per centum (25%) of the amount named in the agreement. He shall likewise execute and deliver at the same time another and similar bond to protect any and all persons performing labor upon or furnishing materials to be used upon the said work, and in an amount equal to fifty per centum (50%) of the amount named in said agreement.

A bound set of the forms of proposal and of the required affidavits, agreement, bonds, acknowledgments and specifications will be furnished to each contractor at the office of the Supervising Architect of the City of Oakland, Security Bank Building, corner of 11th and Broadway. The plans and drawings may be had at the said office of the Supervising Architect after March 17th, 1914, within a reasonable time after application, and upon a deposit of twenty-five dollars, which deposit will be returned to the applicant when the said plans and drawings are returned to the Architect in good condition, and complete set of plans and drawings required for the work will be furnished each applicant; additional copies will, however, be furnished, provided the applicant pays the cost of reproduction, such additional copies to be returned to the Architect together with the first set.

All information relative to the requirements necessary to explain and make definite and complete the forms of the specifications or drawings will be given by the Supervising Architect upon application at his office.

The right is reserved by the Council in accordance with the provisions of the Charter of the City of Oakland, to reject any or all bids submitted.

Each bid shall bear the deposit of the bidder as required by Section 126 of the Charter.

FRANK M. SMITH, City Clerk.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C. March 25, 1914. Sealed proposals will be opened in this office at **3 P. M., May 6, 1914,** for the construction complete (including mechanical equipment, interior lighting fixtures and approaches) of the United States Post Office at Grass Valley, Cal. The building is of the second and third class, with a ground area of approximately 4,450 square feet; stucco facing; slate roof, nonfireproof construction. Drawings and specifications are on file in the room of the custodian of site at Grass Valley, Cal., or at this office, in the discretion of the Supervising Architect, O. WENDEROFF, Supervising Architect. (*)

NOTICE TO CONTRACTORS.

NOTICE is hereby given that sealed bids will be received by the Board of Trustees of the Patterson Union High School, Patterson, Stanislaus County, California, on the 14th of April, 1914, up to 2 o'clock p. m. of the said day, for furnishing the labor and material to construct a new Union High School Building in said District, on the site provided for same, on the west line of 7th street, bounded on the north by H street and on the south by J street.

The plans and specifications for the said proposed new Union High School Building are on file in the office of Dr. A. M. Field, Clerk of the above Board, in Patterson, California, and also in the office of Henry C. Smith, authorized architect, 783 Market street, San Francisco, California, where copies of same may be obtained by bidders on deposit of the sum of Twenty-five Dollars (\$25.00). Reference is hereby made to such plans and specifications for mode of bidding. Blank forms for bidding will be furnished by Clerk or architect upon application.

Each bid must be accompanied by a certified check or bidder's bond for ten per cent of the amount of the bid, said check or bond to be made payable to Dr. A. M. Field, Clerk of the Board of Trustees of the Patterson Union High School District. The Board reserves the right to reject any and all bids.

All general bidders will be allowed to retain the plans and specifications for six (6) consecutive days in which to prepare figures, but arrangements may be made by payment of \$10.00 to retain same until opening of bids, which amount will be deducted from the deposit of \$25.00 when the plans and specifications are returned. DR. A. M. FIELD, Clerk.

President of the Board of Trustees of the Patterson Union High School District, Patterson, Stanislaus Co., California.

STATE OF CALIFORNIA.
DEPARTMENT OF ENGINEERING.
CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received in the office of the California Highway Commission, 516 Forum Bldg., Sacramento, Cal., until the time hereinafter noted, at which time they will be publicly opened. Bids for construction in accordance with the specifications therefor, to which special reference is made, portions of State highway as follows:

Until 2 o'clock P. M., April 13, 1914

Solano County from Benicia to a point $2\frac{1}{2}$ miles south of Cordelia (H. Sol-7-A), about 5.1 miles in length, to be built of Portland cement concrete.

Alameda County from Hayward to Valle Vista School (CV-Ala-5-C), about 3.1 miles in length, to be built of Portland cement concrete.

Alameda County from Hayward to Oakland (CV-Ala-5-D), about 5.1 miles in length, to be surfaced with asphaltic concrete.

Kern County from the northern corner of Dearborn (Ker-4-P), about 12.4 miles in length, to be built of Portland cement concrete.

Ventura County from Sea Cliff to the westerly county boundary (CV-Ven-2-F & G), about 5.1 miles in length, to be built of Portland cement concrete.

Plans may be seen, and forms of proposal, bonds, contracts and specifications may be obtained, at the said office and they may be seen at the office of the Division Engineer in charge of the divisions in which the work is situated. The Division Engineers' offices are located at Willits, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full instructions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all

bids or to accept the bid deemed for the best interest of the State.

CHARLES D. BLANEY,
NEWELL D. DARLINGTON,
CHARLES F. STERN,
California Highway Commission
AUSTIN B. FLETCHER,
Highway Engineer.

WILSON R. ELLIS, Secretary.
Dated: March 13, 1914.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McLURE, State Engineer, Capitol Building, Sacramento, California, up to an including 12 o'clock noon, Tuesday, April 14th, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials and labor, and doing the work required for the construction and erection of the elevator work of the building known as the Female Building, at the Stockton State Hospital, Stockton, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.
Cash, a bidder's bond, or a certified check, in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Five Dollars (\$5.00) will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids, and to waive any informality in any bid received.

All bids must be addressed to W. F. McLURE, State Engineer, Sacramento, California, and plainly marked on the envelope "Proposals for Elevator Work Stockton State Hospital, Stockton, California."

(Signed) W. F. McLURE,
State Engineer. (*)

PROPOSALS FOR BUILDING.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 15th day of April, 1914, for doing the following work including the furnishing of the necessary labor and materials therefor, to wit:

The General Construction of Engine House No. 12, situated at the south westerly corner of Drumm and Commercial streets.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works to which reference is hereby made and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works and completed within two hundred and seventy (270) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$10,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. RICHARD J. CLINE, Secretary.

PROPOSALS FOR ELECTRIC WORK.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 15th day of April, 1914, for doing the following work, including the furnishing of the necessary

labor and materials therefor, to wit: The Electric Wiring Work for Engine House No. 12.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works and completed within two hundred and seventy (270) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$10,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. RICHARD J. CLINE, Secretary.

PROPOSALS FOR PLUMBING AND GAS FITTING.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 15th day of April, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The Plumbing and Gas Fitting for Engine House No. 12.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works and completed within two hundred and seventy (270) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$1,250.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. RICHARD J. CLINE, Secretary.

PROPOSALS FOR BRICK WORK.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 15th day of April, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The Brick Work for Engine House No. 12.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works and completed within sixty (60) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$3,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal. Printed proposal forms will be fur-

nished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. RICHARD J. CLINE, Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 15th day of April, 1914, for doing the following work, to wit: The furnishing and delivering of a quantity of track special work, being Section "C" of Contract No. 6 of the Municipal Railways.

Said work must be done in accordance with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced and completed within the time limits set forth in said specifications.

The amount of bond for faithful performance of the contract has been fixed at \$5,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. RICHARD J. CLINE, Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Tuesday, the 8th day of April, 1914, for doing the following work, to wit: The furnishing and delivering of Machine Shop Equipment for the Municipal Pipe Yard.

Said work must be done in accordance with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced and completed within the time limits set forth in said specifications.

The amount of bond for faithful performance of contract has been fixed at \$1,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. RICHARD J. CLINE, Secretary.

PROPOSALS FOR DREDGING.

DREDGING.—Sealed proposals, indorsed "Proposals for Dredging," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., on April 18, 1914, and then there publicly opened for dredging at the navy yard, Puget Sound, Wash. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard, Bremerton, Wash. H. R. STANFORD, chief of bureau.

PROPOSALS FOR ROAD WORK.

ROAD.—Sealed proposals will be received at the office of the Engineer-in-Chief, San Francisco, Cal., until 2 o'clock p. m., April 17, 1914, and then

opened for constructing a gravel road to Point Arena Light station, Cal. Blank proposals and particulars may be obtained by addressing the DISTRICT HOUSE INSPECTOR, San Francisco, Cal.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Monday, April 27, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the Nurses Home, Female, at the Agnews State Hospital, Agnew, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Nurses Home, Agnews State Hospital, Agnew, California."

(Signed) W. F. MCCLURE, State Engineer. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Tuesday, April 28, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the Worker's Cottage—Female—at the Agnews State Hospital, Agnew, California.

Such bids will be received for the Entire Work.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Worker's Cottage—Female—at the Agnews State Hospital, Agnew, California."

(Signed) W. F. MCCLURE, State Engineer. (*)

PROPOSALS FOR CANAL WORK.

CANAL WORK.—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. reclamation service, Great Falls, Mont., until 2 o'clock p. m., April 15, 1914, for the construction of the St. Mary canal, St. Mary storage unit, Milk River project, Montana, involving about 560,000 cubic yards of excavation, 7,500 cubic yards of concrete, 13,000 square yards of paving, 700 cubic yards of rip-rap, and 8,500 cubic yards of puddling; the placing of about 25,000 pounds of steel reinforcement bars, and 393,000 feet, board

measure, of lumber in wooden structures and the erection of about 105,000 pounds of miscellaneous metalwork. The work is situated in the Blackfeet Indian Reservation.

PROPOSALS FOR SALE OF VESSELS.

SALE OF U. S. NAVAL VESSELS.—Sealed proposals will be received at the bureau of supplies and accounts, Navy Department, Washington, D. C., until 12 o'clock, noon, May 14, 1914, when they will be publicly opened for the purchase of the following vessels: U. S. S. Manila, at navy yard, Mare Island, Cal., appraised value \$10,000; U. S. S. Rogers, at Mare Island, Cal., appraised value \$2,000. The Manila will be sold for cash to the highest bidder and the Rogers to the bidder offering the highest price above the appraised value. Forms of proposal and bond and information concerning the vessels and the terms and conditions of sale may be obtained upon application to the bureau of supplies and accounts. JOSEPHUS DANIELS, Secretary of the Navy.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Thursday, April 23, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor and doing the work required for the construction and erection of a building to be known as Ward 25, Stockton State Hospital, Stockton, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Ward 25, at the Stockton State Hospital, Stockton, California."

(Signed) W. F. MCCLURE, State Engineer. (*)

PROPOSALS FOR BUILDING.

BUILDING.—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals plainly enveloped on the outside of the sealed envelope "Proposals for Additions to Brick Dormitory, Santa Fe Indian School, New Mexico," and addressed to the Commissioner of Indian Affairs, Washington, D. C., will be received at the Indian Office until 2 o'clock p. m., April 15, 1914, for furnishing materials and labor for the construction of additions to girls' brick dormitory at the Santa Fe Indian School, New Mexico, in strict accordance with the plans, specifications and instructions to bidders, which may be examined at the office of the paper or periodical in which this advertisement appears, the U. S. Indian Affairs Bureau, San Francisco, Cal., and at the Santa Fe Indian School. For further information apply to the superintendent of the Santa Fe Indian School, Santa Fe, New Mexico. CATO SELLS, commissioner.

PROPOSALS FOR GRANITE OR LIMESTONE WORK.

PURSUANT TO Resolution No. 7645 N. S., passed March 16, 1914, the Council of the City of Oakland will receive bids for the construction of the material labor and workmanship required in connection with the construction, erection and finish of—A—Granite Work and Setting of the Auditorium, 10-

cated on Twelfth street, between Fallon street and Lake Shore avenue, in the City of Oakland.

All proposals shall be made upon and conform to the requirements of the forms of proposals, prepared and furnished by the City, through the Supervising Architect, and shall be enclosed in sealed envelopes, endorsed "Bids for Auditorium," addressed to the Council and deposited by the bidder, or his agent, with said Council while in session, between 11 o'clock a. m. and 12 o'clock, Noon, Pacific Time, on the 13th day of April, 1914, in the room of the Council in the City Hall, 14th and Washington streets, Oakland, and at the expiration of the time named the bids will be opened, examined and publicly declared in open session of the Council.

All said materials, labor and workmanship is to consist of that required by, and be in accordance with the plans, drawings and specifications prepared therefor and on file in the office of Edwin J. Donohue, Supervising Architect of the City of Oakland, to which said plans and specifications reference is hereby made.

The Contract for the furnishing of all the labor and materials entering into the construction, erection and finish of—A: Granite Work and Setting, or B: Limestone Work and Setting, all as indicated on the Plans and Drawings and as called for in the specifications, is to be let or awarded as a separate contract.

The Contractor will be required to begin work within five (5) days from the execution of the contract, unless otherwise notified in writing by the owner or architect, and to fully complete the entire work in accordance with the requirements of the agreement, plans, drawings and specifications prepared therefor to the entire satisfaction of the Commissioner of Public Works and the Council, on or before seventy-five (75) working days from and after the beginning of the work.

After the award and upon the execution of the agreement, the contractor shall at the same time execute to the City of Oakland and deliver to the Auditor a bond guaranteeing to the City the faithful performance of the contract, and in an amount of fifty per centum (50%) of the amount named in the agreement. He shall likewise execute and deliver at the same time another and separate bond to protect any and all persons performing labor upon or furnishing materials to be used upon the said work, and in an amount of fifty per centum (50%) of the amount named in said agreement.

A bond set of the forms of pro-

posal and of the required affidavits, agreement, bonds, acknowledgments and specifications will be furnished to contractors on demand at the office of the Supervising Architect of the City of Oakland, Security Bank Building, corner of 11th and Broadway. The plans and drawings may be had at the said office of the Supervising Architect after March 17th, 1914, within a reasonable time after application, and upon a deposit of Twenty-five (\$25.00) which deposit will be returned to the applicant when the said plans and drawings are returned to the Architect in good condition; one complete set of plans and drawings required for the work will be furnished each applicant; additional copies will, however, be furnished, provided the applicant pays the cost of reproduction; such additional copies to be returned to the Architect together with the first set.

All information relative to the requirements for bidding, and all directions necessary to explain and make definite any of the provisions of the specifications or drawings will be given by the Supervising Architect upon application at his office.

The right is reserved to the Council in accordance with the provisions of the Charter of the City of Oakland, to reject any or all bids submitted by the bidders, and to accept the lowest bid of the bidder as required by Section 126 of the Charter.

FRANK M. SMITH, City Clerk.

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC., REQUIRED BY THE ACT OF AUGUST 24, 1912.

BUILDING AND INDUSTRIAL NEWS published weekly at San Francisco, for April 1, 1914.

Name of Editor, C. Munday, 560 Mission Street.

Managing Editor, L. A. Larsen, 560 Mission Street.

Business Manager, L. A. Larsen, 560 Mission Street.

Owner, L. A. Larsen, 560 Mission Street. Known bondholders, mortgagees, and other security holders, holding 1 per cent or more of total amount of bonds, mortgages, or other securities: None.

L. A. LARSEN, Owner. Sworn to and subscribed before me this 6th day of April, 1914.

MARTIN ARONSOHN, Notary Public in and for the City and County of San Francisco, State of California. (My commission expires Sept. 20th, 1915.)

[SEAL]

lect, Edward F. Helms, 5th avenue and California street, S. F. Owner, Mr. H. Judell. The dwelling has been designed for a seven-room house, and will be erected on Jackson street. Interior finish will be of pine with some hardwood veneer. Oak floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE — 2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. The dwelling will be erected on 16th avenue north of California and will contain six rooms and bath. All interior finish will be of pine or redwood. Hardwood floors will be used in the principal rooms. A large open fire place will be a feature of the living room. Mantel will be of tile. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$6,000. San Francisco. Architect, H. H. Gutterson, 80 Post street, S. F. Owner, Mrs. W. Shipman. The dwelling has been designed for a seven room house with bath and sleeping porch and will be erected in St. Francis Wood. Interior finish will be of pine, redwood and some hardwood veneer. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCES — 8, 2 story and base, frame, \$3,000 each. San Francisco. Architect, Edward F. Helms, 5th avenue and California street, S. F. Owner, O. E. Anderson. These dwellings will contain five and six rooms and will be erected on the east side of 15th avenue between California and Lake streets. Pine and redwood will be used for interior finish. All houses will have open fire places and tile mantels in the living rooms. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be specified. Exteriors will be covered with cement plaster on metal lath, rustic and shingles. Plans are now being prepared and when complete the work will be done by Day Labor. Materials will be purchased by the owner.

RESIDENCE — 2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. The dwelling will be erected on the north side of California street near 16th avenue and will contain six rooms and bath. Interior finish will be entirely of pine or redwood. Oak floors will be used in the living room, dining room and reception hall. There will be a large open

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to locality. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE — 2 story and base, frame, \$6,500. San Francisco. Architect, none. Owner, Paul Gerson, 216 McAllister street, S. F. The dwelling will be erected in Jordan Park on Commonwealth avenue between Euclid and Geary, and has been designed for a seven-room house with two baths. Interior finish will be of pine with some hardwood veneer and oak floors. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are in the hands of the owner who is taking figures on the work.

RESIDENCE — 2 story and base, frame, \$3,000. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owners, Havard and Hill, 20 Franklin street, S. F. The dwelling will be erected on 25th avenue near Irving and will be similar to several other houses erected by the same owners. Interior finish will be largely of pine. Some oak floors will be used. There will be a large open fire place in the living room and a tile mantel. Bath room will have the wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. All materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$3,500. San Francisco. Archi-

fire place and tile mantel. Bath room will have composition floor and tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor. Materials are now being purchased.

PRIVATE CONCESSION BUILDING—Frame and plaster. Cost not stated. San Francisco. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, Mr. McConnell. Architect Edward T. Foulkes has been commissioned to design several private concession buildings to be erected by Mr. McConnell at the Panama-Pacific Exposition. These structures will be of frame and plaster and will represent a considerable investment.

STATE EXHIBIT BUILDING—Frame and plaster. Cost not stated. San Francisco. Architect, M. E. Metzinger, Dayton, Ohio. Owners, State of Ohio. Architect M. E. Metzinger has been commissioned to prepare plans for the Ohio State Building to be erected at Panama-Pacific Exposition. These plans are well advanced and bids will be called for shortly.

STATE EXHIBIT BUILDING—Frame and plaster. Cost not stated. San Francisco. Architect's name not given. Owners, State of Illinois. Plans for the Illinois State Building have been approved and will be forwarded to this city shortly. It is planned to have the building under way by May 15th. The building will be a three-story structure, 95x135 feet, and will cost between \$90,000 and \$100,000.

APARTMENT HOUSE—5 story and base, brick and steel. Cost not stated. San Francisco. Architect, W. G. Hind, 46 Kearny street, S. F. Owner, Mr. Redmond Payne. The building will be erected at the northwest corner of Sacramento and Jones streets. The building has been designed for a high class of tenants, the suites ranging from five and six rooms to twelve rooms. The first, second and third floors will each contain two apartments of five and six rooms, while the fourth and fifth floors will each contain one twelve-room suite. The building will occupy one of the choicest sites on the hill commanding a full view of the entire bay and the greater portion of the city and Alameda and Marin County shores. There will be a complete steel frame and exterior walls of brick faced with tapestry brick. Special trim will be used in the larger suites as desired by the tenants who have already leased. Solid mahogany of the Louis XIV style will be used. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Segregated figures are being taken.

APARTMENT HOUSE—7 story and base. Class A construction. Cost not stated. San Francisco. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, John W. Proctor. This building will be erected on the south side of California street west of Mason and will have a complete steel frame, brick exterior walls and metal lath and plaster interior partitions. There will be fourteen apartments, two to the floor, but each apartment will have five or six rooms with two and three baths. Interiors

will be finished to suit the tenants who will lease for long terms. Plans also provide for steam heat, freight and passenger elevators and dumb waiters, hot water system and vacuum cleaning. Bath rooms will be finished in tile. Exterior of the building will be faced with pressed brick and terra cotta. Working drawings are now being prepared.

APARTMENT HOUSE—6 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, none. Owner, P. H. Bosworth, 110 Jessie street, S. F. The building will be erected at the northwest corner of Broadway and Florence street and has been designed to contain a total of 24 suites arranged in four rooms each. All apartments will have private baths and wall beds. Interior finish will be of pine and hardwood veneer. There will be steam heat and elevator service, a hot water supply and vacuum cleaning. Bath rooms will have tile wainscot and composition floors. Marble and tile will be used in the entrance. Exterior of the building will be faced with glazed tile. Plans are complete and the owner is taking segregated figures.

APARTMENT HOUSE—5 story and base, reinforced concrete. \$25,000. San Francisco. Architect, L. M. Hausman, Sharon Bldg., S. F. Owner, I. S. Foorman. The building will be erected on O'Farrell street east of Jones and has been designed to contain a store on the first floor and nine apartments of three rooms and bath on the upper four floors. Interior will be finished in pine with some elm panels and hardwood floors. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. All apartments will be equipped with wall beds and will have private bath rooms. Tile wainscot and composition floors will be used in the bath rooms. Marble and tile entrance will be used. Exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for at once.

APARTMENT HOUSE—7 story and base, steel and brick. Cost not stated. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on the north side of Bush street west of Stockton and will cover an area of 40 by 91 feet 8 inches. There will be a total of 72 rooms arranged in 36 apartments of two rooms and bath each. Interior finish will be largely of pine. All suites will have wall beds and private bath rooms. Plans provide for steam heat, elevator service and a hot water supply. Metal window frames and sash and a vacuum cleaning system are also specified. Exterior of the building will be faced with pressed brick and terra cotta trimming. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame. \$24,000. San Francisco. Architect, E. H. Denke, 1317 Hyde street, S. F. Owners, Max and Dora Kolander. The building will be erected on the southeast corner of Franklin and Sacramento streets, covering an area of 39½ by 79 feet. There will be a total of nine apartments of three and four rooms finished in pine and gum with some hardwood floors. Plans provide for steam heat and a hot water

supply. All suites will have wall beds and private baths. Portable vacuum cleaners will be installed. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath and rustic. Plans are complete and figures will be called for shortly.

APARTMENT HOUSE—3 story and base, frame. \$30,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Rousseau Realty Co. The building will be erected at the southeast corner of Fillmore and Page streets and will cover an area of 30 by 81 feet. The first floor will contain a store besides the main entrance. Upper floors will be arranged for a total of seven apartments of three and four rooms. Interior finish will be of pine and elm with some oak floors. There will be steam heat and open fire places. All suites will have wall beds and private bath rooms. Tile wainscot and composition floors will be used in the bath rooms. Entrance will be finished in marble and tile. Exterior of the building will be covered with rustic and pressed brick veneer. Plans are nearly complete and the work will be done by Day Labor. The architects will purchase all materials.

APARTMENT HOUSE—5 story and base. Class C construction. \$100,000. San Francisco. Architect, C. H. Barrett, 381 Bush street, S. F. Owner, Mrs. J. H. Morton. The building will be erected at the northeast corner of Geary and Polk streets, covering a large ground area. A number of stores will occupy the ground floor while upper floors will be arranged for two and three room apartments with private baths. Interior will be finished in pine and hardwood veneer. Plans provide for steam heat, a hot water supply, vacuum cleaning system and elevator service. All suites will have wall beds. Bath rooms will be finished in tile with composition floors. Entrance will be finished in marble. Stores will have patent fronts. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Working drawings are complete and figures will be taken at once.

WHARF EXTENSION—Pile construction. Cost not stated. San Francisco. Engineer, Assistant State Engineer Jerome Newman, Ferry Bldg., S. F. Owners, State of California. At the last meeting of the State Board of Harbor Commissioners it was voted to extend Meigs' Wharf a distance of 400 feet in the direction of the Presidio. The new portion of the wharf will be used by the army transports and the Union Oil ships. Construction will be of creosoted piles. Bids will be called for as soon as working drawings can be completed.

FURNISHING CEMENT—Cost not stated. San Francisco. Engineer, Assistant State Engineer Jerome Newman, Ferry Bldg., S. F. Owners, State of California. Bids opened at the last meeting of the State Board of Harbor Commissioners for furnishing 50,000 barrels of cement resulted in two bids of \$1.64 per barrel and one of \$1.90. No award has yet been made. A list of these figures will be found under the heading of San Francisco in this issue.

CHURCH RESTORATION—Brick and steel, \$86,000. San Francisco. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, St. Patrick's Church. The present building located on the north side of Mission street between Third and Fourth streets is to be completely rehabilitated. Included in this work will be brick and concrete work, structural steel, plastering, carpentry, mill work and art glass. The old tower will be restored and a set of chimes installed. Plans are complete and figures are now being taken. Father Rodgers is in charge of the work.

FLATS—4, 2 story and base, frame, \$4,500. San Francisco. Architect, Edward F. Helms, 5th avenue and California street, S. F. Owner, O. E. Anderson. These buildings will be erected on the east side of 15th avenue between California and Lake street. Each of the houses has been designed to contain two modern flats of five and six rooms. Interiors will be finished in pine, redwood and some elm panels. Oak floors will be used in the principal rooms. There will be open fire places and tile mantels. Automatic water heaters will be installed. Bath rooms will have composition floors and tile wainscot. Exteriors will be covered with cement plaster on metal lath with pressed brick bases. Plans are in the hands of the owner and work will be done by Day Labor.

FLATS—2 story and base, frame, \$4,500. San Francisco. Architect, none. Owners, C. J. and W. J. Keenan, Grove and Masonic avenue, S. F. The building will be erected on the east side of Masonic avenue near Grove street and will be similar in design and construction to several other flat buildings erected in the same neighborhood by Keenan Bros. There will be two flats of five and six rooms. Interiors will be finished in pine and redwood with oak floors in the principal rooms. Open fire places and tile mantels will be used in the living rooms. Baths will have tile floors and wainscot. Exterior of the building will be covered with shiplap and brick veneer base. Plans are complete and the work will be done by Day Labor.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architect, Edward F. Helms, 5th avenue and California street, S. F. Owner, L. F. Peterson. The building will be erected on the west side of 11th avenue near Fulton street, and has been designed to contain two modern flats with garage in the basement. Each flat will contain six rooms and bath. Interior finish will be of pine and redwood with some elm panels and hardwood floors. Open fire places and tile mantels will be used in the living rooms. Automatic water heaters will be installed. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with cement plaster and shiplap. Plans are being prepared and when complete the work will be done by Day Labor.

FLATS—2 story and base, frame, \$4,000. San Francisco. Architect, none. Owner, G. Peterson, 351 12th avenue, S. F. The building will be erected on 11th avenue, covering an area of 25 by 57½ feet. There will be two modern flats of five and six rooms. Interior finish will be of pine throughout. Hardwood floors will be used in the living

and dining rooms. Open fire places and tile mantels are specified. Automatic water heaters will be installed in the bath rooms. Exterior of the building will be covered with cement plaster and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

GARAGE—2 story and base, reinforced concrete, \$10,000. San Francisco. Architect, none. Owner, G. P. W. Jensen, 320 Market street, S. F. The building will be erected at the corner of Bush and Polk streets, covering a considerable ground area, and has been designed for a commercial garage. Besides the storage space the building will contain office, machine shop and repair department. Interior will be finished in pine. Steel roof trusses and metal window sash and frames will be installed. Exterior of the building will be faced with cement plaster. Plans are in the hands of the owner, who is a well known contractor, and he will do the work by Day Labor.

HOSPITAL—2 story and base, reinforced concrete, \$55,000. San Francisco. Architect, John Baur, Sharon Bldg., S. F. Owner's name withheld. The building will be erected at the corner of Geary and Wood streets and has been designed for a private institution containing two small wards and twelve private rooms. Interior finish will be of pine and hardwood with considerable tile. There will be steam heat, a hot water system and modern hospital plumbing. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SCHOOL—2 story and base, brick and concrete. Cost not stated. San Francisco. Architect, Albert Pissis, Flood Bldg., S. F. Owners, City and County of San Francisco. Bids opened for the construction of the Oriental School at the last meeting of the Board of Public Works show Elmer Carlson low on the general construction. While no contracts have been awarded the work will probably go to the several lowest firms. A complete list of all bids will be found under the heading of San Francisco in this issue.

Bids were opened at the same meeting for glass and glazing of skylights and pent houses on the roof of the Academic building, Polytechnic group. The California Plate and Window Glass Co. were low at \$1,220.

CONCRETE TROLLEY POLES—Cost not stated. San Francisco. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. All bids received for this work have been rejected by the Board of Public Works and new figures are being called. The total amount of the contract approximates \$30,000. Both plain and ornamental trolley poles will be required. Bids will be opened on April 15th. Plans and specifications can be secured from the City Engineer.

MUNICIPAL CAR BARN—Machine shop equipment. Cost not stated. San Francisco. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids received for furnishing machine shop equipment for the Municipal Railroad show the Pacific Tool and Supply Co. low on the 36-inch drill and the California Press Mfg. Co. low on the hydraulic wheel press. A complete list

of the bids will be found under the heading of San Francisco in this issue.

RESIDENCE—2 story and base, frame, \$2,000. San Francisco. Architect, none. Owners, MacArthur Bros., 1560 Fell street, S. F. The dwelling will be erected on 5th avenue south of Cabrillo, and has been designed to contain five rooms and bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster and a brick veneer base. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$10,000. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Mrs. Brunner. The dwelling has been designed for a ten-room house and will be erected on 16th avenue near California. There will be a garage in the basement. Interior will be finished in pine with some elm panels and hardwood floors. Bath room will have tile wainscot and composition floor. An automatic water heater is specified. There will be furnace heat and open fire places. Mantels will be of tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCES—2, 2 story and base, frame, \$2,000 each. San Francisco. Architect, E. T. Spence, 537 25th avenue, S. F. Owners, Spence & Feerick. These two houses have been designed for six-room dwellings and will be erected on 19th avenue south of Anza. Interiors will be finished in pine and redwood with some hardwood floors. There will be open fire places in each living room with tile mantels. The wainscot will be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owners who will do the work by Day Labor.

HOTEL—15 story and base. Class A construction, \$190,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on a lot 46 by 90 feet located on the west side of Powell street north of Post and will be fireproof throughout. There will be a complete steel frame with brick exterior walls, concrete floors and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. Plans show a total of 140 guest rooms, all of which will have private baths. Interior of the building will be finished in pine and hardwoods with some metal trim, metal window sash and frames. There will be steam heat, elevator service, a hot water supply and vacuum cleaning system. Bath rooms will have tile floors and wainscot and will be equipped with showers. A large and handsomely finished lobby, offices and lounging room will occupy the first floor. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

STATE HIGHWAY WORK—Cost not stated. California. Engineer, Austin B. Fletcher, State Highway Engineer,



TWENTY-SIX STORY HOBART BUILDING UNDER CONSTRUCTION
San Francisco

Willis Polk & Co , Architects
San Francisco



ONE OF THREE NEW FIRE HOUSES
Berkeley, Cal.

W. H. Rateliff, Jr., Architect
Berkeley

Forum Bldg., Sacramento. Owners, State of California. Plans and specifications have been completed for state highways in Siskiyou (8 miles), Shasta (9.9 miles), Tehama (8.8 miles), Butte (11.2 miles), Glenn (7 miles), and Sonoma (4.5 miles). Bids for this work will be opened on April 27th at 2 p. m. An official proposal appears in another column of this issue. Further information may be obtained by addressing Wilson R. Ellis, Secretary State Highway Commission, Forum Bldg., Sacramento.

STATE HIGHWAY WORK—Cost not stated. California. Engineer, Austin B. Fletcher. State Highway Engineer, Forum Bldg., Sacramento. Owners, State of California. Bids were opened at the last meeting of the State Highway Commission for highways in the following counties: Santa Clara, El Dorado, Merced, Tuolumne, Mendocino and two places in San Diego. A complete list of all bids received will be found under the heading of San Francisco in this issue.

STORES AND LOFTS—2 story and base, brick. Cost not stated. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Elsencbach Co. The building will be erected on the south side of Sutter street east of Jones and has been designed to contain two stores on the first floor and lofts above. Interior finish will be of pine throughout. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans are being prepared.

Harbor Commission
Open Bids For Cement

Two Firms Submit Same Figure For
Furnishing Fifty Thousand Barrels.
One Other Figure.

The State Board of Harbor Commissioners opened bids Thursday afternoon for furnishing the state Harbor Commission with 50,000 barrels of Portland cement f. o. b. cars of the Belt Line Railroad at San Francisco. Two of the bids submitted were for \$1.64 per barrel. No award was made and the matter will be settled on Saturday. The following bids were submitted:

Furnishing Cement.	
Per Bbl.	
Cowell Lime & Cement Co.	\$1.64
Pacific Portland Cement Co.	1.64
Santa Cruz Portland C'm't Co	1.90

City Bids Opened.

Board of Public Works Opens Bids For
Oriental School and Work at the
Polytechnic School.

The Board of Public Works opened bids at their Wednesday afternoon meeting for the construction of the Oriental School, a two-story building, designed by Architect Albert Pissis, and to be erected on the south side of Washington street, between Powell and Stockton streets. Separate bids were taken for the general construction, two propositions, for the brick work, heating and ventilating, plumb-

ing and gas fitting and electric work. Elmer Carlson submitted the lowest bids on both propositions for the general construction; O'Connor & Collins were low on the brick work; Peterson-James Co. were low on the heating and ventilating; Charles Wright was low on the plumbing and gas fitting and the Butte Eng. & Elec. Co. were low on the electric work.

General Construction, Oriental School.
Howard S. Williams (a) \$88,773; (b) \$70,272.

O. C. Holt (a) \$88,290; (b) \$70,530.
Frank M. Garden & Co. (a) \$92,488; (b) \$71,748.

Elmer Carlson (a) \$87,285; (b) 68,755.
Carnahan & Mulford (a) \$96,839; (b) \$86,000.

L. G. Bergren & Son (a) \$90,947; (b) \$72,947.

Brandt & Stevens (a) 98,410; (b) \$77,420.

W. A. Newsom (a) \$88,500; (b) \$70,500.

Williams Bros. & Henderson (a) \$101,231; (b) \$81,400.

F. W. Moller (a) \$96,500; (b) \$76,530.

F. W. McClenahan & Co. (a) \$92,369; (b) \$77,269.

Heckenroth & Schell (a) \$92,020; (b) \$74,020.

Charles Wright (a) \$90,000; (b) \$18,206 (probably mistake).

C. L. Wold (a) \$92,900; (b) \$72,900.

McSheehy Bros. (a) —; (b) \$72,842.

Brick Work, Oriental School.
Chas. B. Hadley \$21,480
J. W. Carr 20,758
Jas. S. Fennell 21,870
O'Connor & Collins 18,984
R. Ringrose & Son 25,454
Reed & White 21,000
Heating and Ventilating, Oriental School.

Herman Lawson \$24,400
Victor Engineering Co. 3,637
J. C. Hurley Co. 3,272
Pacific Fire Extinguisher Co. 3,930
Atlas Heating & Ventilating Co. 4,125
Wittman Lyman Co. 3,891
Scott Company 3,260
J. E. O'Mara 3,477
Kiernan & O'Brien 2,662
Robert M. Wilson 3,987
Peterson-James Co. 3,500

Plumbing and Gas Fitting, Oriental School.

Scott Company \$5,970
Wittman, Lyman Co. 6,414
Herman Lawson 5,700
F. W. Snook Co. 5,884
Albach & Mayer 6,600
S. W. Bond 6,036
W. F. Wilson Co. 6,289
Kiernan & O'Brien 6,380
Charles Wright 5,200
J. E. O'Mara 6,677
Peterson-James Co. 6,500
A. Lettich 6,071

Electric Work, Oriental School.

Central Electric Co. \$2,873
Decker Elec. Constr. Co. 2,775
H. S. Tittle 2,890
Butte Eng. & Elec. Co. 2,387
Standard Elec. Constr. Co. 2,574
General Elec. Constr. Co. 2,487
The Turner Co. 2,890

Bids were also opened as follows for the glass and glazing of skylights and pent houses on the roof of the Academic Building, Polytechnic High School.

Glass and Glazing, Etc.
Cal. Plate & Window Glass Co. \$1,222
W. P. Fuller & Co. 1,395

Bids were also opened for furnishing of machine shop equipment for the

Geary street Municipal Car Barns. Two pieces of equipment were called for (a) 36-inch radial drill and (b) hydraulic wheel press.

Machine Shop Equipment.

Pacific Tool & Supply Co. (a) \$355.

(b) \$1,230.

Manning, Marval & Moore (a) \$1,016;

(b) \$1,270.

California Press Mfg. Co. (a) —;

(b) \$1,200.

Pacific Trolling Mills Co. (a) \$1,245;

(b) \$1,195.

Berger & Carter (a) \$861; (b) \$1,778.

Eccles & Smith (a) \$1,016; (b) \$2,050.

Harron, Rickard & McCone (a) \$962;

(b) \$1,292.

Building Contracts Awarded

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Am't.
1014	Ferrera	Rankin	1000
1015	Yari	Hibdon	500
1016	McCaffrey	Props	1000
1017	Goodman	Sullivan	400
1018	Gohark	Baily	400
1019	Prasso	Brasso	2750
1020	Rosenthal	Reite	400
1021	Thompson	Donlin	500
1022	Camperal	Ponesro	500
1023	McLeod	Westerland	400
1024	Remedial	O'Neil	400
1025	Martin	Brumfield	400
1026	Hindley Rity	Bohrh	1300
1027	Clancy	Clancy	2400
1028	Dajora	Kenyon	1000
1029	Pac Motor	Elvin	500
1030	Haguen	Westland	400
1031	Zuchary	Shepley	400
1032	Goldberg	Stock	500
1033	Dougherty	Maguire	500
1034	Welsbach	Pierion	750
1035	Anderson	Anderson	1000
1036	Ingleside Pres Ch.	Owner	1000
1037	Esacopi	Francesconi	600
1038	Hartsough	Schikade	600
1039	Nelson	Nelson	2500
1040	Baigalupi	Curran	775
1041	Same	Caranza	4850
1042	Lindauer	Foerberg	1800
1043	Fallon	Neidick	2230
1044	McGough	Grant	775
1045	Schmidt	Finlayson	2885
1046	Harper	Cleese	2825
1047	Sharp	Collman	2665
1048	Eisenbach	Higgins	2925
1049	Same	Gen Bldg	2140
1050	Same	Lacey	1285
1051	Thompson	Lorden	2485
1052	Same	Barman	1025
1053	Same	Harley	645
1054	Same	Pac Fir Sander	1077
1055	Same	Elec. Motor	630
1056	Same	Hilbin	1800
1057	Trowbridge	Cameron	7902
1058	Wilson	Scott	2570
1059	Same	Tile Mfg	722
1060	Same	Hardwood	4003
1061	Same	Paraffin	712
1062	Same	Otis	5650
1063	Ins Exchange	Henderson	3295
1064	Cambridge	McCauley	1100
1065	Same	Same	1100
1066	Saul	Saul	1500
1067	Cec	Cavaglieri	2500
1068	Hannay	Hannay	800
1069	Muzio	Carraro	800
1070	Chong	Heaphy	400
1071	Schwartz	Blotch	600
1072	Badour	Hart	1685
1073	Schmidt	Schmidt	890
1074	Beaubien	Brannum	500
1075	Cella	Sexton	600
1076	McCarthy	Baugh	1200
1077	Peterson	Peterson	4800
1078	Enterprise Brwy	Mager	1000
1079	Antonialis	Novelly	500
1080	Hansen	Todd	2500
1081	Towie	Coburn	450
1082	Agulis	Stegarnor	500
1083	Hosmer	Harley	2000
1084	Totaro	Amosoro	7003
1085	Keenan	Keenan	4000
1086	Luttringer	Cordia	1000
1087	Meyer	Hart	1000
1088	Cavillaro	Cavillaro	1000
1089	Nelson	Nelson	2500
1090	Sherman	Sherman	850
1091	Hagerty	Hagerty	400
1092	Looff	Looff	450
1093	Levet	Henderson	1500
1094	Mertens	Mertens	1000
1095	Hibernia Sves	Hib	1000
1096	Braun	Ratto	14500
1097	Fr-Am	Ickelheimer	1722
1098	P F I B.	Hannah	12000

1099	Hamill	Hamill	2000
1100	Same	Same	3000
1101	Hinkel	Hinkel	2000
1102	Same	Same	2000
1103	Labracher	Salasana	600
1104	Culinary Estate	Culinary	4000
1105	Higgins	Higgins	4500
1106	Borries	McKillop	800
1107	Leitland	Olsen	1000
1108	Portola Rlty	Jacobsen	1000
1109	Pinkle	Jacobsen	1000
1110	Eaton	Eaton	1000
1111	Hooper	Hooper	2550
1112	Neyer	Beach	500
1113	Hib S & L	Hjnl	1000
1114	Craig	Craig	500
1115	Schmidt	Schmidt	500
1116	Schmitt	Hogberg	500
1117	Porsyth	Hosher	500
1118	Albers	Brumfield	500
1119	Mortede	Mortede	500
1120	MacArthur	MacArthur	2000
1121	Wet Wash	Pac Tank	500
1122	Stark	Wade	250
1123	Halsted	Foster	250
1124	Burbank	Kiernan	7823

(1014) NO. 4655 MISSION. New front and extend floor.
Owner.....Alfonse Ferrera, Premises.
Architect...None.
Contractor..C. D. Rankin Constr. Co.,
724 Gough, San Francisco.
COST, \$1000

(1015) NO. 230 BRIGHTON AVE.
Raise dwelling and add concrete foundation, two rooms and plumbing.
Owner.....Henry F. Yarl, Premises.
Architect...None.
Contractor..G. Hillblom, 408 Peru Ave.,
S. F.
COST, \$500

(1016) SE GEARY AND WOOD. Add 36x67 frame shed to building.
Owner.....Agnes McCaffrey.
Architect...None.
Contractor..W. Props, 1301 Gough,
San Francisco.
COST, \$1000

(1017) NO. 121 JORDAN AVE. One-story frame garage.
Owner.....S. B. Goodman, Premises.
Architect...None.
Contractor..C. G. Sullivan, 318 2nd
Ave, San Francisco.
COST, \$400

(1018) NO. 430 HAIGHT. Alter store, repair front, new floors, etc.
Owner.....Mr. and Mrs. Gohark, 432
Haight, San Francisco.
Architect...None.
Contractor..J. M. Bally, 310 Excelsior
Ave, San Francisco.
COST, \$400

(1019) E GRANT AVE 115 N Greenwich. Two-story and basement frame (2) flats.
Owner.....P. Prasso, 320 Lombard,
San Francisco.
Architect...None.
Day's work. COST, \$3850

(1020) W THIRD & S Tehama. Alter front.
Owner.....Flora Rosenthal, 10 3rd,
San Francisco.
Architect...Herman Barth, 12 Geary,
San Francisco.
Contractor..J. B. Reite and B. R. Hal-
ling. 673 Monadnock Bldg.,
S. F.
COST, \$400

(1021) NOS. 522-524 CLEMENT. Con-
crete floor.
Owner.....W. S. Thompson, Premises
Architect...None.
Contractor..J. C. Donlin, 122 4th Ave.,
San Francisco.
COST, \$500

(1022) NO. 666 CLAY. New front and
construct bar in saloon.
Owner.....Alfred Campergue, 483
Pine, San Francisco.
Architect...None.
Contractor..Ponsero Bros., Stark
Place, San Francisco.
COST, \$500

(1023) NO. 207 EVANS AVE. General
repairs and alterations.
Owner.....Janet McLeod, 727 Duboce
Ave., San Francisco.
Architect...None.
Contractor..H. Denricks.
COST, \$400

(1024) NO. 43 FIFTH. Erect gallery
and stairs.
Owner.....Remedial Loan Co., Prem.
Architect...None.
Contractor..Daniel O'Neil, 278 Natoma,
San Francisco.
COST, \$400

(1025) NO. 747 MARKET. Two elec-
tric signs.
Owner.....C. Martin, Premises.
Architect...None.
Contractor..Brumfield Elec. Sign Co.,
18 7th, San Francisco.
COST, \$400

(1026) N BISMARCK 150 E San Jose
Ave. One-story and basement frame
dwelling.
Owner.....Homestead Realty Co., 714
Market, San Francisco.
Architect...None.
Contractor..Wm. H. Grahn, 2840 Bry-
ant, San Francisco.
COST, \$1200

(1027) S ANZA 90 E 17th Ave. Two-
story and basement frame dwelling
Owner.....D. J. Clancy, 2854 Folsom,
San Francisco.
Architect...None.
Day's work. COST, \$3400

(1028) N BOSWORTH 294-4 W Burn-
side. One-story frame dwelling.
Owner.....Mrs. Mollie Dajors, 58 Col-
ton, San Francisco.
Architect...None.
Contractor..Kenyon Pacific Co.,
Franklin & Page, S. F.
COST, \$1000

(1029) NO. 1440 MARKET. Enclose
elevator shaft and trect stairs.
Owner.....Pacific Motor Supply Co.,
Inc., Premises.
Architect...None.
Contractor..Frank Elvin, 4017 18th,
San Francisco.
COST, \$500

(1030) NOS. 504-506 SAN JOSE AVE.
Alter and add to dwelling.
Owner.....H. Haguson, 51 Duncan,
San Francisco.
Architect...None.
Contractor..J. Westerlund, 3159 Fol-
som, San Francisco.
COST, \$450

(1031) NO. 362 ASHTON AVE. Raise,
repair and alter dwelling.
Owner.....Freda M. Zachary.
Architect...None.
Contractor..J. A. Shepley, 143 Harlod
Ave., San Francisco.
COST, \$400

(1032) S SUTTER 143-6 E Hyde. Re-
move wood column and install steel
trusses, etc.

Owner.....Goldberg Bowen & Co.
(Leases Auto Club of
California), 242 Sutter,
San Francisco.
Architect...Pierre Zucco & Co., 166
Geary, San Francisco.
Contractor..L. H. Stock, 12 Geary, S. F.
COST, \$500

(1033) E LEDYARD 175 S Silver
One-story and basement frame dwlg.
Owner.....Mr. Dougherty, Ledyard
near Silver, San Francisco.
Architect...None.
Contractor..Maguire & Schlichtman,
2561 San Bruno, S. F.
COST, \$500

(1034) NO. 863 MISSION. Repair in-
terior of store.
Owner.....Welsbach Co., 351 Mc-
Allister, San Francisco.
Architect...None.
Contractor..Pierson & Lee, 434 Grove,
San Francisco.
COST, \$500

(1035) E ELLSWORTH 110 N Cres-
cent. Two-story and basement frame
dwelling.
Owner.....Chas. W. Anderson, 4112
Folsom, San Francisco.
Architect...O. E. Evans, 2367 Mission,
San Francisco.
Day's work. COST, \$1000

(1036) NO. 1313 OCEAN AVE. One-
story frame gymnasium.
Owner.....Ingleside United Presby-
terian Church, 282 Grana-
da, San Francisco.
Architect...None.
Day's work. COST, \$1000

(1037) SW SANSOME AND VALLEJO
Repair stable.
Owner.....F. Bacopi & Co., 2167
Greenwich, San Francisco.
Architect...None.
Contractor..D. Francesconi, 151 Pixley,
San Francisco.
COST, \$600

(1038) NO. 378 TWENTIETH AVE.
General repairs to dwelling.
Owner.....Mrs. E. E. Hartsough, 371
20th Ave., S. F.
Architect...None.
Contractor..E. A. Schkade, 240 20th
Ave., San Francisco.
COST, \$600

(1039) E SIXTEENTH AVE 150 N
California. Two-story and basement
frame dwelling.
Owner.....F. Nelson, 30 Presidio Ter-
race, San Francisco.
Architect...None.
Day's work. COST, \$2500

(1040) E JONES 125 N Lombard N 25
xe 137-6. Plumbing, gas fitting and
sewerage for two-story frame apart-
ment house
Owner.....Prospero Racigalupi, 612
Broadway, San Francisco.
Architect...J. A. Poroporato, 619
Washington, S. F.
Contractor..A. Curran, 635 Vallejo,
San Francisco.
Filed Mar. 30, '14. Dated Mar. 26, '14.
Rough plumbing in.....\$200
Usual 35 days.....300
Completed and accepted.....275
TOTAL COST, \$775
Bond, \$775. Sureties, Jos. Granville
and Geo. J. Oliva. Limit, 90 days. For-
felt, \$1. Plans and specifications filed.

(1041) ALL WORK EXCEPT CON-
crete and cement, painting, plumb-
ing, glass, finish hardware, wall beds,
shades and chandeliers on above.

Contractor, G. Caranza & Bro., 374
Shotwell, San Francisco.
Filed Mar. 30, '14. Dated Mar. 26, '14.
Rough frame up.....\$1000
Brown coated.....1000
Completed and accepted.....1200
Usual 35 days.....1650

TOTAL COST, \$4850

Bond, \$4850. Sureties, Pasquale Cag-
liero and Domenica Firenze. Limit, 90
days. Forfeit, \$3. Plans and speci-
fications filed.

(1042) W CLARA AND FOURTH, dis-
tant 150 SW therefrom SW 75xNW
80. Brick work for brick, steel and
concrete storage building.

Owner.....Gustave Lindauer, 124
Clara, San Francisco.
Architect...J. Chas. Plugger, Crocker
Bldg., San Francisco.
Contractor...Emil Hogberg and John
Ludwig, 249 Edgewood Av
San Francisco.

Filed Mar. 30, '14. Dated Mar. 27, '14.
Brick work done to height of
14 feet.....\$697.50
Brick work completed.....697.50
Usual 35 days.....465.00

TOTAL COST, \$1860.00

Bond, \$930. Sureties, Jas. R. William-
son and A. Carlson. Limit, as required.
Forfeit, none. Plans and specifications
filed.

(1043) E SAN BRUNO AVE 125-6 S
Mariposa. All work for one-story
frame residence.

Owner.....Mr. and Mrs. E. D. Fallon,
597 San Bruno Ave., S. F.
Architect...None.
Contractor...Frank Neidick, 110 Jessie,
San Francisco.

Filed Mar. 30, '14. Dated Mar. 31, '14.
Rough frame up.....\$557.50
Brown coated.....557.50
Standing finish on.....557.50
Completed and accepted.....557.50

TOTAL COST, \$2230.00

Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(1044) N PAGE 154 E Lyon E 29-6x
N 137-6. Alterations and additions
of a three-story frame building into
apartments.

Owner.....Rosa M. McGough, 1256
Page, San Francisco.
Designer & Eng.....Arthur J. Laib,
Russ Bldg., S. F.
Contractor...Lincoln U. Grant, 1289
37th Ave, San Francisco.

Filed Mar. 30, '14. Dated Mar. 28, '14.
Partitions set ready for lathing.....\$695
Plastering finished.....695
Carpenter work ready for painter 695
Usual 35 days.....700

TOTAL COST, \$2785

Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

(1045) SW FILLMORE & FILBERT
W 100xS 35-6. Alterations to a store
front of a three-story frame building
Owner.....R. W. and Geo. H. Schmidt
3063 Fillmore, S. F.

Architect...Wm. Mooser, Nevada Bk.
Bldg., San Francisco.
Contractor...M. M. Finleyson, 2429 Val-
lejo, San Francisco.

Filed Mar. 30, '14. Dated Mar. 28, '14.
Completed and accepted.....\$595
Usual 35 days.....200

TOTAL COST, \$795

Bond, none. Limit, 10 days after Apr.
1, 1914. Forfeit, \$10. Plans and speci-
fications filed.

(1046) W TWENTY-SIXTH AVE 222
S California S 25xW 120 O L 156. All
work for two-story frame residence.
Owner.....G. D. Harper.
Architect...None.

Contractor...George F. Cleese, 524 27th
Ave., San Francisco.

Filed Mar. 30, '14. Dated Mar. 28, '14.
Frame up.....\$725
Brown coated.....700
Completed.....700
Usual 35 days.....700

TOTAL COST, \$2825

Bond, none. Limit, 80 days after Mar.
30. Forfeit, none. Plans and speci-
fications filed.

(1047) N BROADWAY W of Broderick
No. 2864 Broadway. Alterations and
additions to two-story frame resi-
dence.

Owner.....Elizabeth M. Sharp.
Architect...Frederick H. Meyer, Bank-
ers' Invest. Bldg., S. F.
Contractor...Collman & Collman, 110
Jessie, San Francisco.

Filed Mar. 31, '14. Dated Mar. 27, '14.
On 1st of each month.....75%
Usual 35 days.....25%

TOTAL COST, \$2965

Bond, \$1482.50. Surety, Southwestern
Surety Ins. Co. Limit, 75 days. For-
feit, none. Plans and specifications
filed.

(1048) W LEAVENWORTH 87-6 N
Turk N 50xW 37-6. Carpenter, mill
and stair work and patent chimneys
for three-story and basement rein-
forced concrete apartments.

Owner.....Eisenbach Company.
Architect...Rousseau & Rousseau,
Monadnock Bldg., S. F.
Contractor...Thos. Higginson.

Filed Mar. 31, '14. Dated Mar. 30, '14.
Ready for plastering.....\$656.25
Standing finish on.....656.25
Accepted.....656.25
Usual 35 days.....656.25

TOTAL COST, \$3265.00

Bond, none. Limit, as soon as possible.
Forfeit, none. Plans and specifications
filed.

(1049) EXCAVATING, CONCRETE,
steel and reinforcement on above.

Contractor...General Bldg. Work Co.,
712 Sansome, S. F.

Filed Mar. 31, '14. Dated Mar. 26, '14.
Frame poured.....\$1400
Frame stripped & patching done 500
Marble and tile work completed 200
Side walk completed.....340
Usual 35 days.....700

TOTAL COST, \$3340

Bond, \$1570. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 30 days
after March 30. Forfeit, none. Plans
and specifications filed.

(1050) PLUMBING ON ABOVE.

Contractor...Edw. W. Lacey, 1234 Do-
lores, San Francisco.

Filed Mar. 31, '14. Dated Mar. 30, '14.
Roughed in.....\$480
Fixtures installed.....480
Usual 35 days.....325

TOTAL COST, \$1285

Bond, none. Limit, as soon as possible.
Forfeit, none. Plans and specifications
filed.

(1051) E DOLANES 35-8 N 15th N
18-6x42 90. Mill work for three-
frame apartments.
Owner.....Adrienne & Nellie Thomp-
son, 1876 15th, S. F.

Architect...Owner.
Contractor...J. P. Lorden Mill Co., 451
3th, San Francisco.

Filed Mar. 31, '14. Dated Jan. 22, '14.
On 1st and 15th of each month 75%
Usual 35 days.....25%

TOTAL COST, \$2485

Guaranty Bond in favor of owner.
Sureties, W. H. Wood and J. Fred Har-
Limit, as required. Forfeit, none.
Plans and specifications filed.

(1052) PAINTING AND FINISHING
on above.

Contractor...Barman Bros., 172 Castro,
San Francisco.

Filed Mar. 31, '14. Dated Feb. 20, '14.
Every 14 days.....75%
Usual 35 days.....25%

TOTAL COST, \$1025

Guaranty Bond in favor of owner.
Sureties, Jacob Goldstein and M. Fash-
er. Limit, without delay. Forfeit,
none. Plans and specifications filed.

(1053) IRON FIRE ESCAPES ON
above.

Contractor...Phenix Iron & Sheet Metal
Works.

Filed Mar. 31, '14. Dated Feb. 13, '14.
Payments same as above.....

TOTAL COST, \$

Bond, none. Limit, without delay.
Forfeit, none. Plans and specifications
filed.

(1054) HARDWOOD FLOORS ON
above.

Contractor...Pacific Floor Sanding Co.,
144 12th, San Francisco.

Filed Mar. 31, '14. Dated Feb. 16, '14.
Flooring laid.....\$537.75
Finished, waxed, etc.....270.00
Usual 35 days.....270.00

TOTAL COST, \$1077.75

Bond, \$50. Sureties, M. S. Neugass and
Joseph L. Emanuel. Limit, without
delay. Forfeit, none. Plans and speci-
fications filed.

(1055) ELECTRICAL WORK ON
above.

Contractor...Electric Motor & Machine
Co., 150 Union Square Ave.,
San Francisco.

Filed Mar. 31, '14. Dated Jan. 22, '14.
Work roughed in.....\$300
Completed and accepted.....172
Usual 35 days.....157

TOTAL COST, \$630

Guaranty Bond in favor of owner.
Sureties, Geo. W. Boston and H. S.
Dillon. Limit, without delay. Forfeit,
none. Plans and specifications filed.

(1056) LATHING AND PLASTERING
on above

Contractor...J. J. Philbin, 110 Jessie,
San Francisco.

Filed Mar. 31, '14. Dated Jan. 22, '14.
Lathing completed.....\$450
Rough coat completed.....450
Completed and accepted.....450
Usual 35 days.....450

TOTAL COST, \$1800

Bond, \$900. Surety, Chicago Bonding
& Surety Co. Limit, without delay.
Forfeit, none. Plans and specifications
filed.

(1057) SE POST & SHANNON S 92-6
E 57-6. All work for seven-story
and basement Class "C" hotel bldg.

Owner...H. O. Towbridge and United Realty Co., Cpn., Mills Bldg., S. F.
 Architect...Friedrick H. Meyer, Bankers' Invest. Bldg., S. F.
 Contractor...Cameron & Disston, 180 Jessie, San Francisco.

Filed Mar. 31, '14. Dated Mar. 27, '14.
 On list of each month..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$79,062

Bond, none. Limit, 200 days. Forfeit, none. Plans and specifications filed.

(1055) E POWELL 137-6 N California N 68-9xE 137-6. Steam and hot water heating for seven-story and basement and sub-basement reinforced Class "B" concrete building.

Owner.....A. W. Wilson and Jos. Martin.

Architect...C. A. Meussdorfer, Humboldt Bank Bldg., S. F.

Contractor...Scott & Co., Inc.

Filed April 1, '14. Dated Mar. 26, '14.
 All pipes roughed in..... \$ 925
 Completed and accepted..... 1000
 Usual 35 days..... 645
TOTAL COST, \$2570

Bond, \$1300. Surety, National Surety Co. Limit, without delay. Forfeit, none. Plans and specifications filed.

(1059) FLOOR TILING ON ABOVE.

Contractor...The Tile Manufacturing Co., 526 Bay, S. F.

Filed April 1, '14. Dated Mar. 24, '14.

Completed and accepted.....\$541
 Usual 35 days..... 181
TOTAL COST, \$722

Bond, none. Limit, 10 days after ready for floor tiling. Forfeit, none. Plans and specifications filed.

(1060) HARDWOOD FLOORING, ETC. on above.

Contractor...Hardwood Interior Co., Inc. 554 Bryant, San Francisco.

Filed April 1, '14. Dated Mar. 24, '14.

3 floors laid and finished except waxing.....\$1000
 6 floors laid except waxing..... 1000
 Completed and accepted..... 1000
 Usual 35 days..... 1000
TOTAL COST, \$4000

Bond, \$2000. Surety, Massachusetts Bonding & Insurance Co. Limit, 30 days after ready for same. Forfeit, none. Plans and specifications filed.

(1061) DAMP PROOFING ON ABOVE.

Contractor...Paraffine Paint Co., 34 1st, San Francisco.

Filed April 1, '14. Dated Mar. 26, '14.

Completed and accepted.....\$534
 Usual 35 days..... 178
TOTAL COST, \$712

Bond, none. Limit, 6 days after ready for same. Forfeit, none. Plans and specifications filed.

(1062) ELECTRIC PASSENGER elevator and two electric freight elevators on above.

Contractor...Otis Elevator Co., Beach & Stockton, San Francisco.

Filed April 1, '14. Dated Mar. 26, '14.

Upon shipment of engine..... ½
 Engine in position..... ¼
 When completed..... ¼
TOTAL COST, \$5650

Bond, none. Limit, Dec. 1, 1914. Forfeit, none. Plans and specifications filed.

(1063) NO. 433 CALIFORNIA. Alterations and repairs to northerly por-

tion of 8th floor of Insurance Exchange Building.

Owner.....The Insurance Exchange, Premises.

Architect...None.

Contractor...W. D. Henderson, Monadnock Bldg., S. F.

Filed Apr. 2, '14. Dated Mar. 23, '14.

On completion of brown coat.....\$1235
 On completion of contract..... 120
 Usual 35 days..... 550
TOTAL COST, \$3295

Bond, none. Limit, 20 days. Forfeit, none. Plans and specifications filed.

(1064) N JUDAH 132-6 E 48th Ave 25x100. All work for four-room and bath frame cottage.

Owner.....Ida M. Cambridge, 4620 Irving, San Francisco.

Architect...None.

Contractor...Geo. V. McCausland, 4173 23rd, San Francisco.

Filed Apr. 2, '14. Dated Mar. 24, '14.

Frame up.....\$275
 Brown coated and rough plumbing in..... 275
 Completed and accepted..... 275
 Usual 35 days..... 275
TOTAL COST, \$1100

Bond, none. Limit, 60 days after Mar. 30. Forfeit, none. Plans and specifications filed.

(1065) N JUDAH 137-6 E 48th Ave. 25x100. All work for four-room and bath frame cottage.

Owner.....Ida M. Cambridge, 4620 Irving, San Francisco.

Architect...None.

Contractor...Geo. V. McCausland, 4173 23rd, San Francisco.

Filed Apr. 2, '14. Dated Mar. 24, '14.

Frame up.....\$275
 Brown coated and rough plumbing in..... 275
 Completed and accepted..... 275
 Usual 35 days..... 275
TOTAL COST, \$1100

Bond, none. Limit, 60 days after Mar. 30. Forfeit, none. Plans and specifications filed.

(1066) NO. 806 CLEMENT. Finish interior of flat.

Owner.....J. R. Saul, 804 Clement, San Francisco.

Architect...Phillip Schwerdt Co., 968 Phelan Bldg., S. F.

Day's work.....**COST, \$1500**

(1067) W PLYMOUTH 50 S Broad. Two-story frame store and flat.

Owner.....Stephen Cec, Premises.

Architect...O. E. Evans, 2367 Mission, San Francisco.

Contractor...G. Cavaglieri, 593 Potrero Ave., San Francisco.

COST, \$2500

(1068) NO. 518 ALVARADO. Concrete floor and alter front.

Owner.....Ed. Hannay, Premises.

Architect...None.

Day's work.....**COST, \$400**

(1069) NO. 135-B FAIR OAKS. Raise dwelling, concrete floor and foundation.

Owner.....L. Muzio, Premises.

Architect...None.

Contractor...G. Carraro, 730 Felton, San Francisco.

COST, \$500

(1070) SE GRANT AVE & JACKSON. Remove and replace shelving.

Owner.....Herbert Chong, Premises.

Architect...None.

Contractor...J. J. Heaphy, 1721 Lombard, San Francisco.

COST, \$400

(1071) NO. 1536 GEARY. One-story frame store.

Owner.....M. Schwartz, 1327 McAllister, San Francisco.

Architect...None.

Contractor...Bleth & Hoffmeister, 435 O'Farrell, San Francisco.

COST, \$600

(1072) CROCKER AMAZON TRACT. One-story and basement frame dwlg.

Owner.....Henry Badoux, 811 Turk, San Francisco.

Architect...None.

Contractor...A. Beuret, 675 Broadway, San Francisco.

COST, \$1685

(1073) SW FILBERT & FILLMORE. Alter front, remove mouldings and replace same with glazed tile and metal, metal marquisse, new foundation wall for three-story frame bldg.

Owner.....Schmidt Bros., Premises.

Architect...Wm. Mooser, Nevada Bank Bldg., San Francisco.

Day's work.....**COST, \$800**

(1074) E GREAT HIGHWAY, Balboa and Cabrillo. One-story frame restaurant.

Owner.....A. E. Beaubien and C. Clensy, Seal Rock, Great Highway, San Francisco.

Architect...None.

Contractor...A. Brannum, 1717 Ellis, San Francisco.

COST, \$500

(1075) W ARGUELLO BLVD. 75 N Hugo. Two-story and basement frame (4) apartments.

Owner.....Louis Cella, 1221 Arguello Blvd., San Francisco.

Architect...M. J. Welsh, 22nd & Mission, San Francisco.

Contractor...Wm. Sexton, 472 Jersey, San Francisco.

COST, \$6000

(1076) E ASHTON 75 S Holloway. One-story and basement frame dwlg.

Owner.....The McCarthy Co., 315 Bush, San Francisco.

Architect...None.

Contractor...Ralph E. Baugh, 1950 McAllister, San Francisco.

COST, \$1200

(1077) W ELEVENTH AVE 200 N Fulton. Two-story and basement frame (2) flats.

Owner.....G. Peterson, 351 12th Ave., San Francisco.

Architect...None.

Day's work.....**COST, \$4800**

(1078) E HARRISON, bet. 16th and 17th. Move 5 cottages and add brick and ratproof same.

Owner.....Enterprise Brewing Co., Premises.

Architect...None.

Contractor...Mager Bros., 110 Jersey, San Francisco.

COST, \$1000

(1079) NO. 282 O'FARRELL. Electric sign.

Owner.....Chris Antoniadis, Premises.

Architect...None.

Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COT, \$400

(1030) E TENTH AVE 150 N Moraga. Two-story and basement frame residence.

Owner.....Peder Hansen, 318 Moraga, San Francisco.

Architect...None.
Contractor...S. Tadd, 115 Noreiga, S. F.
COST, \$2500

(1081) NO. 253 THIRD. Repair interior of barber shop.

Owner.....Mr. Towle, Premises.

Architect...None.
Contractor...Ira W. Coburn, Inc. 602 Hearst Bldg., S. F.
COST, \$450

(1082) NO. 16 WHEAT. Alter first floor, concrete foundation and rafter proof.

Owner.....Angelo Aguis, Premises.

Architect...None.
Contractor...Stagnaro & Garibaldi, 11 Crane, San Francisco.
COST, \$500

(1083) No. 275 SAN JOSE AVE. Alter, repair and add to frame flats.

Owner.....Mrs. A. P. Hogan, Prem.

Architect...None.
Contractor...J. McI. Jarvis, 3641 24th, S. F.
COST, \$2000

(1084) NE GREEN & KEARNY. Three story frame (5) flats.

Owner.....F. Totaro, 1302 Kearny, San Francisco.

Architect...None.
Contractor...F. A. Amoroso, 1246 Kearny, San Francisco.
COST, \$7000

(1085) E MASONIC AVE 25 E Grove. Two-story and basement frame (2) flats.

Owner.....C. J. and W. J. Keenan, Grove and Masonic, S. F.

Architect...None.
Day's work. COST, \$4000

(1086) W MISSION 56-9 S Geneva. One-story frame store.

Owner.....Mrs. M. Luttringer, 5106 Mission, San Francisco.

Architect...None.
Contractor...John Cerda, 358 Vienna, San Francisco.
COST, \$1000

(1087) NO. 2532 SUTTER. Alterations

Owner.....Clara J. Meyer, Premises.

Architect...Welsh & Carey, 712 Merchants Nat'l. Bank Bldg., San Francisco.

Day's work. COST, \$1000

(1088) E SAN BRUNO 52 N 19th. One-story and basement frame dwelling.

Owner.....Giacoma Cavilaro, NE 19th and San Bruno, S. F.

Architect...None.
Day's work COST, \$1000

(1089) N CALIFORNIA 90 E 16th Ave. Two-story and basement frame dwlg.

Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.

Architect...None.
Day's work. COST, \$2500

(1090) W HAMPSHIRE 117 S 25th. One-story and basement frame dwlg.

Owner.....S. J. Sherman, 2863 25th, San Francisco.

Architect...None.
Day's work. COST, \$850

(1091) N McKINNON 225 E Phelps. One-story and basement frame dwlg.

Owner.....Chas. L. Heagerty, 1707 McKinnon Ave., S. F.

Architect...None.
Day's work. COST, \$100

(1092) E GREAT HIGHWAY 100 S Cabrillo. Add store to hippodrome.

Owner.....Chas. I. D. Looft, Premises.

Architect...None.
Contractor...Wm. Looft, Premises.
COST, \$450

(1093) E DOUGLASS 100 N 28th. One and one-half-story and basement frame dwelling.

Owner.....C. A. Levett, SW Geary and Mason (Solari Grill), S. F.

Architect...None.
Contractor...J. Henderson, 908 O'Farrell, San Francisco.
COST, \$500

(1094) NOS. 1220-28 PIERCE. General repairs, carpenter work, plumbing, repair roof and gutters, leader pipes, painting and paper hanging.

Owner.....M. J. Mertens, 218 Monadnock Bldg., San Francisco.

Architect...None.
Day's work. COST, \$1000

(1095) SW POST AND DEVISADERO. Repair porch.

Owner.....Hibernia Savings & Loan Society, McAllister & Jones San Francisco.

Architect...None.
Contractor...J. H. Hjul, Merchants' Exchange Bldg., S. F.
COST, \$400

(1096) NW GUERRERO & CUMBERLAND 39x70. All work except wall beds, lighting fixtures, shades and steam heating for three-story frame apartments.

Owner.....Jacob and Fred Braun.

Architect...Theo. W. Lenzen, Humboldt Bank Bldg., S. F.

Contractor...Ratto & Ratto,
Filed Apr. 3, '14. Dated Mar. 31, '14.

Enclosed and roof on.....\$3750

Brown coated 3600

Completed and accepted..... 3525

Usual 35 days..... 3625

TOTAL COST, \$14,565

Bond, \$7250. Sureties, G. Franchini & G. Ratto. Llimit, 100 days. Forfeit, none. Plans and specifications filed.

(1097) W TRINITY 68-9 N Sutter W 61-3 1/2 x N 34-1/2. Light fixtures equipment for 10-story addition to building.

Owner.....French American Bank of Savings, Premises (by P. J. Walker Co., Agent), Monadnock Bldg., S. F.

Architect...E. A. Bozlo, 1125 Laguna, San Francisco.

Contractor...Jckelheimer Bros., 441 Sutter, San Francisco.

Filed Apr. 3, '14. Dated Mar. 31, '14.

On completion 75%

Usual 35 days..... 25%

TOTAL COST, \$1722.47

Bond, \$875. Sureties, A. H. Greenberg and J. Weibheimer. Llimit, April 25, '14.

Forfeit, none. Plans and specifications filed.

(1098) EXPOSITION SITE. Staff and ornamental plaster work and to point up same for Fine Arts Building.

Owner.....Panama-Pacific International Exposition Co., Service Bldg., Exposition Site.

Architect...R. B. Maybeck, 35 Montgomery, San Francisco.

Contractor...J. D. Hannah, Monadnock Bldg., San Francisco.

Sub-Contractor...Julius G. Zwicker.

Filed Apr. 3, '14. Dated Mar. 4, '14.

As work progresses per week.....\$40

Usual 35 days.....Balance

TOTAL COST, \$12 000

Bond, limit, forfeit, none. Plans and specifications, none.

(1099) W NINETEENTH AVE 150 N Anza. Two-story and basement frame dwelling.

Owner.....Margaret Hamill, 268 25th Ave., San Francisco.

Architect...None.
Contractor...Thos. Hamill, 268 25th Ave., San Francisco.
COST, \$3000

(1100) W NINETEENTH AVE 100 N Anza. Two-story and basement frame dwelling.

Owner.....Margaret Hamill, 268 25th Ave., San Francisco.

Architect...None.
Contractor...Thos. Hamill, 268 25th Ave., San Francisco.
COST, \$3000

(1101) W DIAMOND 185 N 23rd. One and one-half-story and basement frame dwelling.

Owner.....Mrs. T. Hinkel, 740 Castro, San Francisco.

Architect...None.
Contractor...Hinkel Bros., 277 Eureka, San Francisco.
COST, \$2000

(1102) W DIAMOND 160 N 23rd. One and one-half-story and basement frame dwelling.

Owner.....Mrs. T. Hinkel, 740 Castro, San Francisco.

Architect...None.
Contractor...Hinkel Bros., 277 Eureka, San Francisco.
COST, \$2000

(1103) NO. 654 FULTON. General repairs and additions to dairy.

Owner.....Vincent Labrucherie, Prem

Architect...None.
Contractor...J. Salanave, 931 Pacific San Francisco.
COST, \$600

(1104) NO. 1970 SUTTER. Alter building, excavate and increase depth of store and add rooms.

Owner.....Calary Estate Co., 274 10th Ave., San Francisco.

Architect...None.
Day's work. COST \$4000

(1105) W SEVENTEENTH AVE 100 N California. Two-story and basement frame (2) flats.

Owner.....Chas. W. Higgins, 1306 Shrader, San Francisco.

Architect...None.
Day's work. COST, \$4500

(1106) NO. 136 EDDY. Minor changes in store.

Owner.....Mr. Borries.

Architect...None.

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Contractor...McKillop Bros., 540 Cole,
San Francisco.

COST, \$800

(1107) W SHAFTER 50 N Lane. One
story and basement frame dwlg.

Owner...Leon Lenhard, 1747 Lane,
San Francisco.

Architect...None.
Contractor...Chas. Olsen, 1237 Evans
Ave., San Francisco.

COST, \$1000

(1108) SW CALIFORNIA & STOCK-
ton. Construct portal entrance.

Owner...Portola Realty Co., French
Bank Bldg., S. F.

Architect...Rousseau & Rousseau,
Monadnock Bldg., S. F.

Contractor...Jacobsen-Bade Co. and
G. Lundstrom, 575 Bush,
San Francisco.

COST, \$1000

(1109) NW PINE & STOCKTON Con-
struct portal entrance.

Owner...Frederick C. Finkel, Los
Angeles.

Architect...Rousseau & Rousseau,
Monadnock Bldg., S. F.

Contractor...Jacobsen-Bade Co. and K.
G. Lundstrom, 575 Bush,
San Francisco.

COST, \$1000

(1110) E FORTY-SIXTH AVE 200 S
Lincoln Way. One-story and base-
ment frame dwelling.

Owner...E. J. Eaton, 1235 45th Ave.,
San Francisco.

Architect...None.
Contractor...George Eaton, 1235 45th
Ave., San Francisco.

COST, \$1000

(111) E FIFTH AVE 300 S Cabrillo.

Two-story and basement frame resi-
dence.

Owner...Annie E. Hooper, 450 12th
Ave., San Francisco.

Architect...None.

Contractor...B. J. Hooper, 450 12th Ave.
S. F.

COST, \$2550

(1112) NE TURF AND LARKIN. Re-
model store.

Owner...P. A. Meyer, Petaluma.

Architect...M. Maitanovich, Hewes
Bldg., San Francisco.

Contractor...Beach & Hefferman,
Hewes Bldg., S. F.

COST, \$500

(1113) NW JONES AND McALLISTER
Alter pent house on roof.

Owner...Hibernia Savings & Loan
Society, Premises.

Architect...None.

Contractor...J. W. Hjul, Merchants' Ex-
change Bldg., S. F.

COST, \$1000

(1114) E TWENTY-SECOND AVE 150
N Santiago. One-story and base-
ment frame dwelling.

Owner...J. E. Craig, 161 Belvedere,
San Francisco.

Architect...A. B. Carrie, 658 Cole,
San Francisco.

Day's work.

COST, \$500

(1115) W ELLSWORTH 125 N Pow-
hattan. One-story and basement
frame dwelling.

Owner...J. C. Schmidt, 91 Ellsworth
San Francisco.

Architect...None.

Day's work.

COST, \$1000

(1116) S BUSH 150 E Polk. Underpin
four-story brick building.

Owner...J. L. Schmitt.

Architect...M. J. Lyons, Nevada Bank
Bldg., San Francisco.

Contractor...Hogberg & Ludwig, 180
Jessie, San Francisco.

COST, \$500

(1118) N. 46 JACKSON. Electric
sign.

Owner...Albers Bros. Milling Co.,
144 Sansome, S. F.

Architect...None.

Contractor...Brumfield Elec. Sign Co.,
18 7th, San Francisco.

COST, \$500

(1119) NO. 141 COLLINS. Move dwell-
ing to rear of lot.

Owner...Michele Mortede, 137 Col-
lins, San Francisco.

Architect...None.

Day's work.

COST, \$500

(1120) E FIFTH AVE 100 S Cabrillo.
Two-story and basement frame dwlg.

Owner...MacArthur Bros., 1560 Fell,
San Francisco.

Architect...None.

Day's work.

COST, \$2000

(1121) NO. 324 ELEVENTH Con-
struct storage tanks.

Owner...Wet Wash Laundry Co.,
310 11th, San Francisco.

Architect...Mr. Gallagher, Cr. Pacific
Tank Co., S. F.

Contractor...Pacific Tank Co., 3th and
Bryant, San Francisco.

COST, \$500

(1122) LOT 6 AND N 1/2 LOT 7 BLK 13
Crocker Amazon Tract 37-6 on W

Naples. All work for one and one-half-story frame cottage.
Owner.....W. A. Stark, 110 Guerrero.
San Francisco.
Architect.....None.
Contractor.....E. J. Wade & P. Carlson,
71 Pierce, San Francisco.
Filed Apr. 4, '14. Dated Apr. 2, '14.
Frame up and roof on.....\$662.30
Brown coated.....662.50
Completed.....662.50
Usual 35 days.....662.50
TOTAL COST, \$2650.00
Bond, none. Limit, 65 days from April 6. Forfeit, none. Plans and specifications filed.
NOTE.—Specifications read N Naples W of Rolph.

(1123) NE EIGHTEENTH & MISSION
N 47x E 100. Reinforced concrete and other foundation work for three-story brick and reinforced concrete building.
Owner.....W. A. Halsted, 1122 Sutter, San Francisco.
Architect...August Nordin, Mills Bldg. San Francisco.
Contractor..Foster-Vogt Co., Sharon Bldg., San Francisco.
Filed Apr. 4, '14. Dated Apr. 3, '14.
On last of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$2542
Bond, none. Limit, as fast as required. Forfeit, \$10. Plans and specifications filed.

(1124) NW POST AND STOCKTON N
137-6xW 137-6. Heating & ventilating for steel and concrete hotel.
Owner.....Blanche M Burbank, Union Square Hotel, S. F.
Architect...Macdonald & Macdonald, Holbrook Bldg., S. F.
Contractor..Kiernan & O'Brien, 1754 Mission, San Francisco.
Filed Apr. 4, '14. Dated Mar. 21, '14.
On 1st and 15th of each month 75%
Usual 35 days.....25%
TOTAL COST, \$7823.50
Bond, \$3915. Surety, Fidelity & Deposit Co. of Maryland. Limit, as required. Forfeit, \$50. Plans and specifications, none.

COMPLETION NOTICES.

San Francisco.

Mar. 28 1914—JONES & FLORENCE near Broadway on Russian hill. Horatio P Livermore to Marcus Marcussen.....Mar. 28, 1914
Mar. 28, 1914—E BEIDEMAN 75 N Ellis N 100x E 90. Edward H Goetze to Jacob Witzberger.....Mar. 24, 1914
Mar. 30, 1914—N BUSH adj E Mills Bldg having frontage on Bush of 68-9. Ogden Mills to National Lathing & Furring Co, Mar. 26; P H Jackson & Co.....Mar. 26, 1914
Mar. 30, 1914—SE EDINBURGH 125 NE Persia Ave NE 25x SE 100 ptn Lot 4 Blk 46 Excel Hd. William F Altwater to Edwin Anderson and John Carlson.....Mar. 28, 1914
Mar. 30, 1914—S UNION 152-6 E Larkin E 23-1xS 70. Anacleto Ghiselli to S Montani & G Stefanello.....March 28, 1914
Mar. 30, 1914—LOT 19 BLK 9 St. Francis Wood Alfred Kohn to whom it may concern.....Mar. 21, 1914
Mar. 30, 1914—N Filbert 137-6 E

Powell E 137-6xN 160. Roman Catholic Archbishop of S F to Louis Cereghino & Son.....Mar. 20, 1914
Mar. 30, 1914—E PIERCE 112-3 S Greenwich S 25x115. Freida Z and Edwin Hewitt to whom it may concern.....March 21, 1914
Mar. 30, 1914—E CURTIS 225 N Morse N 25x E 100 Lot 38 Blk 5 Crocker Amazon Tract, Dakin & Kern to whom it may concern.....Mar. 26, 1914
Mar. 30, 1914—N FILBERT 87-6 W Stockton N 92-6xW 25. A Paladini by T J Welsh to Tervia & Pasqualetti.....March 27, 1914
Mar. 31, 1914—SE FEIL & VAN NESS Ave S 275 E 24-10x NE 171-5x N 174-9x W 164. The White Co to A W Barz and W E Roeder.....March 31, 1914
Mar. 31, 1914—EXPOSITION SITE. Panama-Pacific International Exposition Co to Contra Costa County.....Mar. 21, 1914
Mar. 31, 1914—W GRANT AVE 92-6 N Greenwich. G and F Oppici to P Prasso.....Mar. 21, 1914
Mar. 31, 1914—W NINETEENTH AV 125 N Anza N 25xW 120. Thomas Hamill to whom it may concern.....March 31, 1914
Mar. 31, 1914—E TWELFTH AVE 200 S Anza 25x120. A R or Alton R Lapham to whom it may concern.....March 30, 1914
Apr. 1, 1914—N CALIFORNIA 77-6 W Front W 60-8½xN 127-6. The Hind Estate Co to The Turner Co, Mar. 30; Petersen-James Co.....Mar. 24, 1914
Apr. 1, 1914—E EIGHTEENTH AVE 125 N Irving 37-6x120. Mary V, Ethel M and Helen R. Wagner to Eric Johansen.....Apr. 1, 1914
Apr. 1, 1914—S MINNA 411 W First W 39xS 80. Margaret Ward to Mager Bros.....Apr. 1, 1914
Apr. 1, 1914—W HYDE 100 S Sacramento 37-6x137-6 No. 1137 Hyde. Badge J Wyman to whom it may concern.....Mar. 31, 1914
Apr. 1, 1914—NW WASHINGTON & Davis W 75xN 60. Catherine Byington to Schrader Iron Works, Val Franz and Glibertsen & John.....March 30, 1914
Apr. 1, 1914—E TWENTY-FOURTH Ave 125 S Anza S 25x E 120. George F and Lucy L Cleese to whom it may concern.....Mar. 30, 1914
(Correction in Date of Recording)
Mar. 25, 1914—W SPEAR & HOWARD NW 137-6xSW 68-9. Orville C Pratt to John G Sutton Co.....March 16, 1914
Apr. 2, 1914—W FOURTH & JESSIE NW 75xSW 75. Mary L Phelan to San Francisco Concrete Co.....April 1, 1914
Apr. 3, 1914—SE PINE & LEAVEN-worth E 37-6xS 87-6. Theodore E Rulfs to whom it may concern.....April 1, 1914
Apr. 3, 1914—S McALLISTER 192-6 E Buchanan E 27-6xS 120. Emil J Lubbe to Finn Andersen.....Apr. 2, 1914
Apr. 3, 1914—NE FULTON and Parker Ave E 175xN 275. The President and Board of Trustees of St. Ignatius College to A Knowles.....March 28, 1914
Apr. 3, 1914—NW PEIFFER AND Bellair. G Roscelli to G Ghazali & C Fiorini.....Apr. 3, 1914
Apr. 3, 1914—NW ECKER & JESSIE N 62xW 115. Wm H Crocker to J D Hannah.....Apr. 1, 1914

LIENS FILED.

San Francisco.

Mar. 28, 1914—SE PINE & LEAVEN-worth E 37-6xS 87-6. Theo E Rulfs to Fordeur Cornice Works, Mar. 29; Higginson & Co.....Mar. 28, 1914
Mar. 30, 1914—N GREEN 193-3x W Jones W 45xN 120. Herrings Mill Inc vs Geo A Bos Co.....\$715.33
Mar. 28, 1914—W BRODERICK 130 S Lombard S 25xW 107-6. Joost Hardware Co vs John Cardinell.....\$81.62
Mar. 28, 1914—N CALIFORNIA 112-6 W Spruce W 27-6xN 133-7x. Columbia Lumber Co vs Tarbett & Knott, J Haner and John P Haner.....\$624.92
Mar. 28, 1914—N CALIFORNIA 112-6 W Spruce W 27-6xN 132-7x. A B Jackson vs John F Haner, James Tarbett and Fred Knott.....\$28
Mar. 30, 1914—W TWENTY-FIFTH Ave 175 S Lincoln Way S 25xW 120. Harry J Spring vs D Houle.....\$47.50
Mar. 30, 1914—ROLPH NO 46. W S Ray Mfg Co vs C J Mullen and John Doe Ray.....\$29.80
Mar. 31, 1914—W BRODERICK 130 S Lombard S 25xW 105. James Cantley vs J A Cardinell, James Tarbett and Fred Knott.....\$60
Mar. 31, 1914—N CALIFORNIA 112-6 W Spruce W 27-6xN 132-7x. Jas Cantley vs John F Haner, James Tarbett and Fred Knott.....\$48
Apr. 1, 1914—N CALIFORNIA 112-6 Haner and Jas Tarbett and Fred W Spruce W 27-6xN 132-7x. A Seghieri & Bro, Inc vs John P Knott.....\$149
Apr. 2, 1914—W BRODERICK 130 S Lombard S 25xW 106-3. A Seghieri & Bro, Inc vs J A Cardinell, Jas Tarbett and Fred Knott.....\$165
Apr. 2, 1914—W TWENTIETH AVE 175 S Anza S 25xW 120. William A Hayes vs Jeanette and W F Yates.....\$42.50
Apr. 2, 1914—N CALIFORNIA 112-6 W Spruce W 27-6xN 132-7x. Redwood Manufacturers vs John F Haner, James Tarbett and Fred Knott.....\$29.92
Apr. 3, 1914—N CALIFORNIA 112-6 W Spruce W 27-6xN 138-7x. American Elec Eng Co vs John F Haner, James Tarbett & Fred Knott.....\$57.50
Apr. 3, 1914—W BRODERICK 130 S Lombard S 25xW 106-3. Joos Bros vs A Cardinell, Jas Tarbett and Fred Knott.....\$17.55
Apr. 3, 1914—W BRODERICK 130 S Lombard S 25xW 105. American Elec Eng Co vs J A Cardinell, Jas Tarbett, Fred Knott and John P Haner.....\$75

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 2 story and base, frame, \$3,500. Oakland, Cal. Architect, none. Owner, Theo. Penn, 749 61st street, Oakland. The dwelling has been designed for a six-room house with bath and sleeping porch and will be erected on Boulevard near 54th street. Interior finish will be of pine and redwood with some hardwood floors. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot.

Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the owner will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame. Cost not stated, Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, E. A. Kruse. The dwelling will be erected in Thousand Oaks and has been designed to contain seven rooms and bath. Interior finish will be largely of pine with some hardwood veneer. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have the wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE—2 story and base, frame. Cost not stated, Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Frederick Townsend. The house will be erected in the Northbrae Tract and has been designed to contain seven rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath room and kitchen will have the wainscot. A composition floor will be used in the bath room. An automatic water heater will be specified. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor under the direction of the architect.

RESIDENCE—2 story and base, frame, \$10,000, Berkeley, Alameda Co., Cal. Architects, Mitchell & Hodges, Bankers' Investment Bldg., S. F. Owner, A. Merene. The dwelling will be erected on Russell street near Claremont and has been designed for a twelve-room house with three baths and sleeping porch. Interior finish will be of pine and hardwood with some white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in the Automatic water heaters will be specified. A garage will also be erected on the property. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame. Cost not stated, Berkeley, Alameda Co., Cal. Architect, James W. Pritchard, Jackson Bldg., Berkeley. Owner, Joel Hildebrand. The dwelling will be erected on Le Roy street near Pienua Vista Way and has been designed for a six-room house with bath. Interior finish will be of pine throughout. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and one large open fire place. Mantel will be of tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are com-

plete and the architect is now taking figures.

RESIDENCE—2 story and base, frame, \$4,000, Berkeley, Alameda Co., Cal. Architect, George Anderson, 6946 Lawton street, Oakland. Owner, L. J. Jenks. The house has been designed for a seven-room dwelling and will be erected at the northwest corner of Woolsey and Benvenue streets. Interior finish will be largely of pine with some white enamel and hardwood veneer. Oak floors will be used in the principal rooms. Bath room will have the floor and wainscot. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. All materials are now being purchased.

APARTMENT HOUSE—3 story and base, frame, \$10,000, Oakland, Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, C. Lange. The building will be erected at the corner of Grand avenue and Park View, and has been designed to contain a number of two, three and four room suites, all of which will have private baths and wardrobes. Interiors will be finished in pine and redwood with some elm panels. There will be steam heat and a hot water supply. Bath rooms will have the wainscot and composition floors. Portable vacuum cleaners will be installed. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and segregated figures are being taken by both the architect and owner.

APARTMENT HOUSE—2 story and base, frame, \$10,000, Oakland, Cal. Architect, none. Owner, J. P. Beckett, 2635 Channing Way, Berkeley. The dwelling will be erected on East 25th avenue near 17th street, and will contain three and four room apartments. Interior finish will be of pine and redwood with some oak floors. There will be a central heating system and hot water supply. Bath rooms will have the wainscot and composition floors. All suites will be equipped with wall beds. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

HOTEL—3 story and base, frame, \$35,000, Oakland, Cal. Architect, none. Owner, Edward Olsen, 977 Day View, Oakland. The building has been designed for a rooming house containing 50 rooms and several public baths, and will be erected on 8th street near Jefferson. Interior finish will be of pine and redwood. Plans provide for steam heat and a hot water supply. All bath rooms will be finished in tile and will have composition floors. Exterior of the building will be covered with brick veneer and rustic. Plans are in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$30,000, Piedmont, Alameda Co., Cal. Architect, Albert Farr, Foxcroft Bldg., S. F. Owner, Mr. Moore, of the Moore-Watson Co. The dwelling has been designed for a fourteen-room house with several baths and sleeping porch. A garage will also be erected on the lot. Interior of the dwelling will

be finished in pine, redwood, hardwoods and white enamel. Hardwood floors will be used in the principal rooms. Plans provide for a central heating system and hot water supply. Vacuum cleaners will also be installed. There will be several large open fire places with tile or brick mantels. All bath rooms will be finished in tile. Exterior of both the house and garage will be covered with cement plaster on metal lath. A red clay tile roof will be used. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$12,000, Oakland, Cal. Architect, Charles Mau, Macdonough Bldg., Oakland. Owners, Misses Mary and Margaret Dunn. The dwelling will be erected at the northeast corner of Bellevue and Van Buren streets, and has been designed to contain twelve rooms, three baths and sleeping porch. Interior finish will be of pine, redwood and hardwoods. There will be furnace heat and open fire places. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for this week.

RESIDENCE—2 story and base, frame, \$3,000, Alameda, Alameda Co., Cal. Architects, Elsie Planners, 1814 5th avenue, Oakland. Owner, C. C. Adams. The dwelling will be erected in Waterside Terrace and has been designed to contain seven rooms and bath. Interior finish will be largely of pine with some redwood and oak. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have the floor and wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$4,000, Oakland, Cal. Architect, A. Lucy Worswick, 700 Octavia street, S. F. Owner, A. Lucy Worswick. The dwelling will be erected on Stow street near Wayne and has been designed for an eight-room house with bath. Interior will be finished in pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have the wainscot and composition floor. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$3,000, Oakland, Cal. Architect, Albert Schroeder, Foxcroft Bldg., S. F. Owner's name withheld. The dwelling will be erected on Ryala avenue near Martin and has been designed to contain six rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$5,000. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, J. B. Norton. The dwelling will be erected in the Country Club Heights, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine with some hardwood veneer. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE—2 story, attic and base, frame, \$30,000. Piedmont, Alameda Co., Cal. Architect, Albert Farr, Foxcroft Bldg., S. F. Owner, John Spohn. The dwelling has been designed for a fourteen-room house with several baths and a sleeping porch, and will be erected on a corner lot. A garage will be erected in the rear. Interior of the house will be handsomely finished in pine and hardwoods. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. All bath rooms will have tile floors and wainscot and will be equipped with showers. Automatic water heaters and portable vacuum cleaners will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. A clay tile roof will be used. Plans are now being prepared.

RESIDENCE—2 story and base frame, \$5,000. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, P. Lindblad. The dwelling has been designed for a seven-room house and will be erected on Crofton avenue near Boulevard Way. Interior of the house will be finished in pine with some elm panels and beam ceilings. Hardwood floors will be used in the principal rooms. There will be furnace heat and open places. Mantels will be of tile. An automatic water heater is specified. Bath rooms will have tile wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

FIRE HOUSES—3, 2 story and base, frame, \$5,000 each. Berkeley, Alameda Co., Cal. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, City of Berkeley. All bids received some time ago for these buildings have been rejected as plans were slightly changed after the bidders started to figure the work, and the City Attorney fears that contracts would not be binding. New figures will be advertised for within a few days. Further mention will be made of the work at that time.

OFFICES—3 story and base, brick and steel, \$50,000. Oakland, Cal. Architects, Milwain Bros., Delger Bldg., Oakland. Owners, San Francisco, Oakland Terminal Railway. The building will be erected at the corner of 22nd and Grove streets and has been designed for use as the company's administrative headquarters. Interior finish will be of pine and hardwood veneer. There will be steam heat, a hot

water supply and vacuum cleaning system. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

THEATRE—2 story and base. Class A construction, \$70,000. Berkeley, Alameda Co., Cal. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, The Bishop Co. The building will be erected at the corner of Grove and University avenue and will contain one store besides the theatre. Construction will be fireproof with steel frame, reinforced concrete or brick walls and metal interior partitions. The main auditorium will have a seating capacity of 1,000 people. Interior finish will be of pine and ornamental plaster. There will be steam heat and a modern system of ventilating. Exterior of the building will be faced with pressed brick and terra cotta. Plans are also being prepared for other similar buildings to be erected in the interior valley towns.

THEATRE—2 story and base. Class A construction, \$50,000. Oakland, Cal. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, The Bishop Co. The building will be erected at the northwest corner of 14th and Harrison streets and will contain a store besides the theatre. Construction will be fireproof throughout. The main auditorium will have a seating capacity of 1,200 people. Interior finish will be of pine and ornamental plaster. There will be steam heat and a modern system of ventilation. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared. Several other similar buildings will be erected by the same owners in interior valley towns.

BUILDING CONTRACTS.

Oakland.

No.	Owner	Contractor	Amt.
765	Bercovich	Larson	5900
766	Lambert	Overton	4000
767	Swobada	Stand Bldg	5000
768	Barker	Mantz	3000
773	S F O T	Owner	400
774	Pac G & E	Owner	400
775	Piepenburg	Shrader	400
776	Westdorf	Reed	2000
777	Bouzaqn	Holmes	2800
778	Jenkins	Patton	3600
780	Baby Hospital	Allen	5000
781	McCullough	Kollmer	2000
782	Rlty Imp	Owner	1400
785	Cooper	Ray City Cab	500
786	Trefethen	Burnett	500
787	Mantz	Spence	500
788	Triguero	Dameral	500
790	Riley	Riley	4500
791	Jespersion	Dippo	4500
792	Woodburn	Woodburn	2000
793	Hamond	Gold	1000
795	Fenn	Penn	3500
796	Wilson	Wieben	4375
797	Tono	Pertoldo	800
798	Jones	Lewis	2750
800	Bamford	Spence	500
805	Bacon	Soule	150
807	Lange	Baughman	2500
808	Behrendtz	Sydes	1144
809	Mills	Widmer	3950
810	Persson	Bruc	3125
812	Henshaw	Musto	1500
813	Oriental Art	Bay City	500
814	Wickendahl	St. Mary	1000
815	Joseph	Joseph	1000
816	Koehn	Koehn	1300
817	Clark	Clark	1000
820	Beckett	Beckett	6500
821	Zeitworth	Geater	2500
822	Anderson	Sexton	5920
823	Lange	Baughman	3500
825	Reilly	Shrader	1000
826	Goldwater	Kulchar	1000
827	Alvarado	Alvarado	400
828	Betchu	Doughty	500
829	Bruning	Bruning	2000
830	Bell	Stewart	2000

831	Bischoff	Bischoff	2500
832	Sinclair	Sinclair	2500
833	Lindblad	Lindblad	5000
843	Klein	Klein	2000
844	Davidson	Davidson	400
845	Johnson	Gilberg	3000
846	Monroe	Monroe	2500
847	Sheridan	Sheridan	1600
848	Anderson	Elec Constr	1020

(765) SW SECOND AND BROADWAY
Oakland. Alterations.
Owner.....L. Bercovich, 12th and Broadway, Oakland.
Architect...Wm. Wilde, Albany Bk., Oakland.
Contractor...Aug. Larson, 720 36th, Oakland.
COST, \$5000

(766) W CORONADO AVE 350 N 51st, Oakland. Two-story 16-room flats.
Owner.....Miss Mary Lanbert, 5154 Kales Ave, Oakland.
Architect...None.
Contractor...J. W. Overton, 1660 16th, Oakland.
COST, \$1400

(767) W FOURTH AVE 50 S E-9th, Oakland. Two-story 12-room apartments.
Owner.....S. Swobada, 345 E-8th, Oakland.
Architect...None.
Contractor...Standard Bldg. Co., 5659 Shafter Ave., Oakland.
COST, \$5000

(768) E CERRITA AVE 300 S 40th, Oakland. Two-story 6-room dwlg.
Owner.....J. H. Barker, 3867 Howe, Oakland.
Architect...None.
Contractor...A. W. Almquist, 464 43rd, Oakland.
COST, \$3000

(773) NO. 473 TWENTIETH, Oakland Alterations.
Owner.....San Francisco, Oakland Traction Co., Syndicate Bldg., Oakland.
Architect...None.
Days' work. COST, \$400

(774) NO. 483 SECOND, Oakland. Alterations.
Owner.....Pacific Gas & Elec. Co., 13th and Clay, Oakland.
Architect...None.
Days' work. COST, \$400

(775) NO. 557 VERMONT, Oakland. Addition.
Owner.....J. H. Piepenburg, Prem.
Architect...None.
Contractor...J. F. Shrader, 520 16th, Oakland.
COST, \$400

(776) N DAMUTH 400 E Fruitvale Ave., Oakland. One-story 4-room dwelling.
Owner.....H. Westdorf, 715 Campbell Oakland.
Architect...None.
Contractor...C. Reed, 2545 Scenic Ave., Oakland.
COST, \$2000

(777) NE HADDON ROAD & ATHOL Ave. Oakland. One-story five-room dwelling.
Owner.....L. G. Bouzani, 1816 Pleasant Valley, Oakland.
Architect...None.
Contractor...A. S. Holmes, 444 11th, Oakland.
COST, \$2800

(775) N KEITH AVE. 550 E College Ave., Oakland. Two-story 6-room dwelling.

Owner.....Wm. Jenkins, 1813 Locksley Ave., Oakland.

Architect...None.

Contractor...Geo. W. Patton, 2126 Emerson, Berkeley.

COST, \$2600

(780) W DOVER 110 S 52nd S 211.82 W 230.19 W 225.58 E 307.61, Oakland.

Repairs, alterations and additions to two-story and basement frame bldg.

Owner.....The Baby Hospital Ass'n.

Architect...Wm. Knowles, Central Bk Bldg., Oakland.

Contractor...F. E. Allen, 468 34th, Okd. Filed Mar. 30, '14. Dated Mar. 27, '14.

Ready for plaster..... 1/4

Plaster completed..... 1/4

Completed and accepted..... 1/4

36 days after.....

TOTAL COST, \$5000

Bond, \$2500. Surety, Fidelity & Deposit Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(781) NO. 2862 WEBSTER, Oakland.

Two-story 4-room addition to dwlg.

Owner.....F. T. McCullough, Prem.

Architect...None.

Contractor...Jacob Kollmer, 2753 Piedmont Ave., Oakland.

COST, \$2000

(782) E SIXTY-FOURTH AVE 500 N Palm Drive, Oakland. One-story 4-room dwelling.

Owner.....Realty Invst. Co., 357 15th Oakland.

Architect...None.

Day's work.....

COST, \$1400

(783) COR. TWENTY-FOURTH AND Bay Place, Oakland. Alterations.

Owner.....G. Cooper, 1316 Chestnut, Oakland.

Architect...None.

Contractor...Bay City Cabinet Co., 1080 Fifth, Oakland.

COST, \$500

(786) NO. 291 JAYNE AVE., Oakland.

Addition.

Owner.....E. Eugene Trefethen, 291 Jayne Ave., Oakland.

Architect...None.

Contractor...Bruce B. Burnett, Pantages Bldg., Oakland.

COST, \$500

(787) NO. 2521 HIGHLAND, Oakland.

Alterations and repairs.

Owner.....J. Mautz, Premises.

Architect...None.

Contractor...J. B. Sprague.

COST, \$500

(788) NO. 524 ADELIN, Oakland.

Alterations.

Owner.....M. F. M. Trigueiro, Prem.

Architect...None.

Contractor...Brown E. Damerall, 1543 19th Ave., Oakland.

COST, \$500

(789) NW E-SIXTEENTH & PARK, Oakland.

Two-story 8-room dwlg.

Owner.....J. Spencer Riley, 1610 28th, Oakland.

Architect...A. J. Yerrick, Blake Bk., Oakland.

Day's work.....

COST, \$4500

(791) W SAN PABLO AVE 100 N 27th

Oakland. One-story photo theatre.

Owner.....Jespersen & Dippo, 874

54th, Oakland.

Architect...Thomas & Oliver, Pantages Bldg., Oakland.

Day's work.....

COST, \$4500

(792) E EVERETT AVE 335 S Ham-

pel, Oakland. One-story 3-room dwlg.

Owner.....Paul E. Woodburn, 3965 Greenwood Ave., Oakland.

Architect...None.

Day's work.....

COST, \$2000

(793) W EIGHTY-SIXTH AVE 60 N Dowling, Oakland. One-story three-

room dwelling.

Owner.....Mrs. Grace Hamond.

Architect...None.

Contractor...F. E. Gold, 5271 Boyd Ave. Oakland.

COST, \$1000

(795) S BOULEVARD 240 E 54th Ave.

Oakland. Two-story 6-room dwlg.

Owner.....Theo Penn, 749 61st, Okd.

Architect...None.

Day's work.....

COST, \$5300

(796) LOT 15 BLK 3 Map East Pied-

mont Heights Extension, Oakland.

Two-story frame dwelling.

Owner.....W. T. and Myrtle Wilson,

Oakland.

Architect...L. F. Hyde, 1st National

Bank Bldg., Oakland.

Contractor...Alex C. Wieben, 2010 35th,

Ave., Oakland.

Filed Mar. 31, '14. Dated Mar. 30, '14.

Frame up..... 1/4

1st coat plaster on..... 1/4

Completed and accepted..... 1/4

Usual 35 days..... 1/4

TOTAL COST, \$4370

Bond, \$2200. Surety, Southwestern

Surety Ins. Co. Limit, 90 days after

March 28. Forfeit, \$1. Plans and

specifications filed.

(797) W VINCENTE 200 N 56th, Oak-

land. One-story 3-room dwelling.

Owner.....Luigi Toso, Oakland.

Architect...None.

Contractor...Joe Pertoldo, 1244 3rd

Ave., Oakland.

COST, \$600

(798) W BROADWAY 250 N College

Ave., Oakland. One and one-half-

story six-room dwelling.

Owner.....W. H. Jones, 190 40th, Okd

Architect...None.

Contractor...L. S. Lewis, 2421 Woolsey,

Berkeley.

COST, \$2750

(805) No. 531 ELEVENTH, Oakland.

Alterations.

Owner.....G. L. Bamford.

Architect...None.

Contractor...A. T. Spence, 641 Taylor

Ave., Oakland.

COST, \$500

(806) E WASHINGTON, bet 11th and

12, Oakland. Alterations.

Owner.....Bacon & Soule, Premises.

Architect...None.

Day's work.....

COST, \$450

(807) S FIFTY-FIRST 200 E Dover,

Oakland. One-story 5-room dwlg.

Owner.....Otto H. Lange, 51st near

Dover, Oakland.

Architect...None.

Contractor...J. W. Baughman, 1627 5th

Ave., Oakland.

COST, \$2500

(808) W EIGHTY-EIGHT 165 N

Plymouth, Oakland. One-story 4-

room dwelling.

Owner.....Carl C. Behrendtz, 1725

52nd Ave., Oakland.

Architect...None.

Contractor...E. C. Sydes, 4076 Boulevard

Ave., Oakland.

COST, \$1144

(809) LOT 14 Map McMillan Tract,

Oakland. All work for two-story and

basement frame dwelling.

Owner.....W. C. Mills, Lincoln City.

Architect...Harris Allen, 2514 Hille-

gass Ave., Berkeley.

Contractor...J. J. Widmer, Stege, Cal.

Filed April 1, '14. Dated April 1, '14.

Frame up..... 1/4

1st coat plaster on..... 1/4

Completed and accepted..... 1/4

Usual 35 days..... 1/4

TOTAL COST, \$3980

Bond, \$2000. Sureties, W. H. Johnston

and H. P. Davis. Limit, 90 days. For-

feit, none. Plans and specifications

filed.

(810) NE ST. MARY'S & PLEASANT-

ton Ave. E 65xN125, Pleasanton. All

work for two-story frame dwelling.

Owner.....Anton Petersen, Pleasant-

ton.

Architect...None.

Contractor...C. A. Bruce, Pleasanton.

Filed Apr. 1, '14. Dated Mar. 31, '14.

Frame up..... 1/4

1st coat plaster on..... 1/4

Completed..... 1/4

Usual 35 days..... 1/4

TOTAL COST, \$4125

Bond, none. Limit, 70 days. Forfeit,

\$5. Plans and specifications filed.

(812) FOURTEENTH & BROADWAY

(Macdonough Theatre), Oakland.

Alterations.

Owner.....Wm. G. Henshaw, Oakland

Bank of Savings, Oakland.

Architect...None.

Contractor...Musto Sons-Keenan Co.,

565 North Point, S. F.

COST, \$1500

(813) NO. 1210 WASHINGTON, Oak-

land. Alterations.

Owner.....The Oriental Art, Prem.

Architect...None.

Contractor...Bay City Cabinet Co., 1080

Fifth, Oakland.

COST, \$500

(814) W NINETY-FOURTH AVE 150

S "A," Oakland. One-story 4-room

dwelling.

Owner.....E. T. Wickendahl, 1955

90th Ave., Oakland.

Architect...None.

Contractor...Joe St. Mary, 9220 Almond

Oakland.

COST, \$1000

(815) W EIGHTY-SIXTH AVE 250 N

Holly, Oakland. One-story 4-room

dwelling.

Owner.....J. C. Joseph, 1456 Orino,

Oakland.

Architect...None.

Day's work.....

COST, \$1000

(816) W ELSTON AVE 100 N 37th,

Oakland. One-story 5-room dwlg.

Owner.....H. Koehn 3121 School, Okd

Architect...None.

Day's work.....

COST, \$1300

(817) NO. 2111 LINDEN, Oakland.

Alterations.

Owner.....Mrs. Ida A. Clark, Prem.
Architect...None.
Contractor..Wm. Clark, Premises.
COST, \$1000

(820) E TWENTY-THIRD AVE 50 S
E-19th, Oakland. Two-story 20-room
flats.
Owner.....Edna F. Beckett, 2035
Channing Way, Berkeley.
Architect...None.
Contractor..J. P. Beckett, 2035 Chan-
ning Way, Berkeley.
COST, \$6500

(821) W WELLINGTON AVE 10 S
Division, Oakland. Two-story five-
room dwelling.
Owner.....H. W. Witworth, Berkeley
Architect...None.
Contractor..F. W. Thaxter, 2454 Ash-
by Ave., Oakland.
COST, \$2500

(822) NE ELEVENTH & FRANKLIN,
Oakland. Interior plastering for six-
story and basement steel frame hotel
Owner.....Chicago Bonding Co. (See
Foot Note).
Architect...None.
Contractor..T. D. Sexton, 2608 Market,
Oakland.
Filed Apr. 2, '14. Dated Apr. 2, '14.
1st day of each month..... 75%
Usual 35 days 25%
TOTAL COST, \$5920
Bond, limit, forfeit, none. Plans and
specifications, none.
NOTE:—E. Anderson, San Leandro,
is the owner.

(823) S FIFTY-FIRST 200 E Dover,
Oakland. One-story and basement
frame dwelling.
Owner.....Otto H. Lange, 649 51st,
Oakland.
Architect...None.
Contractor..J. W. Baughman, 1627 5th
Ave., Oakland.
Filed Apr. 2, '14. Dated Apr. 2, '14.
Frame up\$600
Plastered 600
Completed 600
Usual 35 days..... 700
TOTAL COST, \$2500
Bond, none. Limit, 70 days. Forfeit,
none. Plans and specifications filed.

(825) NOS. 468-70 EIGHTH, Oakland.
Repairs.
Owner.....B. J. Reilly, 480 Perkins,
Oakland.
Architect...None.
Contractor..J. F. Shrader, 520 16th,
Oakland.
COST, \$1430

(826) NO. 503 FOURTEENTH, Oak-
land. Alterations.
Owner.....Mendel Goldwater, Prem.
Architect...None.
Contractor..S. Kulchar & Co., 518 4th,
Oakland.
COST, \$400

(827) NO. 4620 FULLINGTON, Oak-
land. Alterations.
Owner.....P. H. Alvarado, Premises.
Architect...None.
Day's work. COST, \$1000

(828) W CARY 117.20 S Edes, Oakland
One-story 3-room dwelling.
Owner.....G. E. Betchu, 802 Stone,
Oakland.
Architect...None.
Contractor..D. Doughtry.
COST, \$550

(829) E MANILA AVE 100 S Clifton,
Oakland. One-story 5-room dwlg.
Owner.....John J. Bruning, 5356
Locksley Ave., Okd.
Architect...None.
Contractor..L. G. Geary, 5352 Locksley
Ave., Oakland.
COST, \$2500

(830) N THIRTY-NINTH 550 W Mar-
ket, Oakland. One-story 5-room
dwelling.
Owner.....Glenn R. Bell, 616 41st,
Oakland.
Architect...None.
Contractor..B. A. Stewart, 616 41st,
Oakland.
COST, \$2000

(831) E AUBURN AVE 200 N Har-
wood, Oakland. One-story six-room
dwelling.
Owner.....John A. Bischoff, 551 Crof-
ton Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

(832) W BROADWAY 75 S Florence,
Oakland. Two-story 6-room dwlg.
Owner.....C. E. Sinclair, 5333 Locks-
ley Ave., Oakland.
Architect...None.
Day's work . COST, \$2500

(833) N CROFTON AVE 475 E Boule-
vard Way, Oakland. Two-story 8-
room dwelling.
Owner.....P. Lindblad, 3822 Randolph
Ave., Oakland.
Architect...Elite Planners, 1844 5th
Ave., Oakland.
Day's work . COST, \$5000

(843) S FIFTY-FIRST 255 E Shafter
Ave., Oakland. One-story 5-room
dwelling.
Owner.....Matthew Klein, 648 Mir-
anda, Oakland.
Architect...None.
Day's work. COST, \$2000

(844) NO. 3735 THIRTY-NINTH AVE.,
Oakland. Addition.
Owner.....W. J. Davidson, Premises.
Architect...None.
Day's work. COST, \$400

(845) SE THIRTY-FOURTH AND
Elliot, Oakland. One and one-half-
story 9-room dwelling.
Owner.....Albert Johnson, 904 Chest-
nut, Oakland.
Architect...None.
Contractor..N. Gilberg, 904 Chestnut,
Oakland.
COST, \$3000

(846) W RAWSON 140 N Trask, Oak-
land. One-story 5-room dwelling.
Owner.....J. W. Monroe, 696 61st, Okd
Architect...None.
Day's work. COST, \$2500

(847) W SIXTY-FOURTH AVE 200 N
Virginia, Oakland. One-story 5-room
dwelling.
Owner.....K. M. Sheridan, 1020
Broadway, Oakland.
Architect...None.
Day's work. COST, \$1600

(848) NE ELEVENTH AND FRANK-
lin E 100 N 37½, Oakland. Elec-
tric work for six-story and basement
steel frame hotel.
Owner.....E. Anderson, San Leandro.
Architect...Wm. Wilde, Albany Block,
Oakland.

Sub-Contractor..The Electrical Constr.
Co., 312 12th, Oakland.
Filed Apr. 4, '14. Dated Mar. 17, '14.
1st day of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$1450
Bond, \$525. Surety, Aetna Accident &
Liability Co. Limit, 30 days. Forfeit,
\$20. Bonus, \$5. Plans and specifica-
tions, none.

BUILDING CONTRACTS.

Berkeley.

No.	Owner	Contractor	Am't.
779	McFarlan	Kidder	4664
784	Dowling	Davis	400
790	Nelson	Kidder	1000
794	Peake	Peake	2250
799	Alden	Alden	1000
800	McVean	McVean	2500
801	De Witt	De Witt	500
802	Bronne	Ahnfeldt	1800
803	Same	Same	1800
804	Same	Same	1800
811	Larsen	Kringlein	1600
815	Feusch	Feusch	400
819	Town	Johnson	400

(779) S 50 LOT 8 BLK "B" Whitney
Tract, Berkeley. All work except
painting and heating for two-story
frame dwelling.
Owner.....F. K. McFarlan, 1528
Hawthorne, Berkeley.
Architect...B. R. Maybeck, 35 Mont-
gomery, San Francisco.
Contractor..Kidder & McCullough, 2075
Addison, Berkeley.
Filed Mar. 30, '14. Dated Mar. 27, '14.
Frame up 14
Plastering completed 14
Completed and accepted 14
Usual 35 days..... 14
TOTAL COST, \$4664

Bond, \$3332. Sureties, B. E. Under-
wood and F. E. Armstrong. Limit, 90
days. Forfeit, none. Plans and spec-
ifications filed.

(784) S CHANNING 49 E College Ave.,
Berkeley. Addition.
Owner.....Mrs. Annie E. Dowring,
2704 Channing Way, Bkly.
Architect...None.
Contractor..J. W. Davis, 1631 Allston
Way, Berkeley.
COST, \$400

(790) NO. 2532 REGENT, Berkeley.
Addition.
Owner.....Mrs. A. M. Nelson, Prem,
Architect...None.
Contractor..Kidder & McCullough,
2075 Addison, Berkeley.
COST, \$400

(794) E COLUSA AVE 120 S Joseph,
Berkeley. One-story 5-room dwlg.
Owner.....E. R. Peake, 2127 Univer-
sity Ave., Berkeley.
Architect...None.
Day's work. COST, \$2250

(799) S HEARST AVE 266 below Sacra-
mento, Berkeley. Alterations and
additions.
Owner.....Carl Alden, 1428 Hearst
Ave., Berkeley.
Architect...None.
Day's work. COST, \$1000

(800) W TELEGRAPH AVE 197 S
Stuart, Berkeley. One-story two-
room butcher shop.
Owner.....Bruener P. McVean, 454
66th, Oakland.
Architect...None.
Day's work. COST, \$2500



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San Francisco

(801) S SHATTUCK AVE 200 E Marin Ave., Berkeley. Alterations and garage.

Owner.....Mabel H. De Witt, 3033 Harper, Berkeley.

Architect...None.
Day's work..... COST, \$500

(802) SW CHESTNUT & BRISTOL, Berkeley. One and one-half-story 5-room dwelling.

Owner.....D. P. Bronne, 1622 Oxford, Berkeley.

Architect...None.
Contractor...Henry Ahnefeld, 3005 King Berkeley.

COST, \$1800

(803) W CHESTNUT 144 S Bristol, Berkeley. One-story 5-room dwlg.

Owner.....D. P. Bronne, 1622 Oxford, Berkeley.

Architect...None.
Contractor...Henry Ahnefeld, 3005 King Berkeley.

COST, \$1800

(804) W CHESTNUT 72 S Bristol, Berkeley. One-story 5-room dwlg.

Owner.....D. P. Bronne, 1622 Oxford, Berkeley.

Architect...None.
Contractor...Henry Ahnefeld, 3005 King Berkeley.

COST, \$1800

(811) SE GILMAN & STEINAGER, North Berkeley. All work for one-story dwelling.

Owner.....Olaf Larsen, Oakland.

Architect...None.
Contractor...John Kringlen, 592 Mead Ave., Oakland.

Filed Apr. 1, '14. Dated Mar. 30, '14.

Frame and chimneys up..... ¼
Plastered ¼
Completed ¼
Usual 35 days..... ¼

TOTAL COST, \$1600

Bond, none. Limit, 60 days after Mar. 30. Forfeit, \$5. Plans and specifications, none.

(815) S CENTER 250 E Shattuck Ave., Berkeley. Alterations.

Owner.....Charles Feusch, 2622 Bancroft Way Berkeley.

Architect...None.
Day's work..... COST, \$400

(819) E GROVE 260 N Berriman, Berkeley. Alterations.

Owner.....Mrs. G. Town, 1247 Grove, Berkeley.

Architect...None.
Contractor...Gustaf Johanson, 1811 Rose, Berkeley.

COST, \$400

BUILDING CONTRACTS.

Alameda.

No.	Owner	Contractor	Amt.
769	Bormann	Roth	2000
770	Cole	Cole	1800
771	Cole	Cole	1800
772	Whalen	Whalen	2000
783	Bertolino	Megers	750
824	Lutgen	Powell	4800
824	McGowan	Allen	1500
835	Bertolino	Magers	750
836	Lewis	Delaney	1500
837	Strang	Sizang	1500
838	Hillen	Hillen	2000
839	Burgner	Burgner	1500
840	Lundholm	Lundholm	2500
841	Freeman	Peterson	1550
842	Brooke	Angel	3800

(769) W LAFAYETTE 80 N Pacific, Alameda. One-story dwelling.

Owner.....J. Bormann, Pacific and Chestnut, Alameda.

Architect...None.
Contractor...Conrad Roth, 2117 Pacific Ave., Alameda.

COST, \$2000

(770) NO. 1847 EIGHTH, Alameda. One-story dwelling.

Owner.....Mark T. Cole, 763 Syndicate Bldg., Oakland.

Architect...None.
Day's work..... COST, \$1800

(771) NO. 1842 EIGHTH, Alameda. One-story 5-room dwelling.

Owner.....Mark T. Cole, 763 Syndicate Bldg., Oakland.

Architect...None.
Day's work..... COST, \$1800

(772) NO. 730 SANTA CLARA AVE., Alameda. One-story bungalow.

Owner.....John H. Whalen, 1542 Broadway, Oakland.

Architect...None.
Day's work..... COST, \$2000

(783) NO. 1119 MOUND, Alameda. One-story dwelling.

Owner.....G. A. Bartolino, 2837 Washington, Alameda.

Architect...None.
Contractor...L. D. Megers, 2841 Washington, Alameda.

COST, \$750

(824) S SANTA CLARA AVE 182 E Union E 50xS 207½, Alameda. All work for one-story 6-room dwlg.

Owner.....Mrs. Sophie Luthen, Ala.

Architect...None.
Contractor...Powell Bros. Constr. Co., Harrison Ave & Fruitvale Canal Bridge, Alameda.

Filed Apr. 2, '14. Dated Mar. 31, '14.

Ready for plaster.....\$1800
Completed and accepted..... 1500
Usual 85 days..... 25%

E. H. Williams Chalmer Munday

Munday & Williams

Attorneys-at-Law

Special Attention Given to Building
Law and Bankruptcy Cases

Telephone Kearny 2622

615 Phelan Building, San Francisco

TOTAL COST, \$4800
Bond, none. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(834) — NINTH 175 N Central Ave., being Lot 8 Blk 24 Oak Shade Tract, Alameda. All work except plastering (to be done by owner) for one-story five-room dwelling.

Owner.....Mrs. Kate McGowan, Ala.

Architect...None.
Contractor...M. Allen, Oakland.

Filed Apr. 2, '14. Dated Apr. 3, '14.

Frame up ¼
Rough plastered ¼
Completed and accepted..... ¼
Usual 35 days..... ¼

TOTAL COST, \$1500

Bond, none. Limit, 60 days after April 1. Forfeit, \$2. Plans and specifications, none.

(835) NO. 1119 MOUND, Alameda. One-story 4-room dwelling.

Owner.....G. A. Bertolino, 2839 Washington, Alameda.

Architect...None.
Contractor...L. D. Magers, 2841 Washington, Alameda.

COST, \$750

(836) NO. 1912 CLINTON AVE., Alameda. Alterations and repairs.

Owner.....Chas. Lewis, Premises.

Architect...None.
Contractor...Delaney & Randlett, 2303 Central Ave., Alameda.

COST, \$1500

(837) NO. 1713 HIBBARD, Alameda. One-story 5-room dwelling.

Owner.....V. N. & F. N. Strang, 1319 Burbank, Alameda.

Architect...None.
Day's work..... COST, \$1600

(838) NO. 1446 FERNSIDE BLVD., Alameda. One-story 5-room dwlg.

Owner.....R. C. Hillen, Liberty and Fernside Blvd., Alameda.

Architect...None.
Day's work..... COST, \$2000

(839) NO. 1524 FOUNTAIN, Alameda. One-story 6-room dwelling.

Owner.....A. J. Burgner, 1601 High, Alameda.

Architect...None.
Day's work..... COST, \$1950

(840) NO. 1053 SAN ANTONIO AVE., Alameda. One and one-half-story dwelling.

Owner.....J. M. Lindholm, 1717 Nason Alameda.

Architect...None.
Day's work..... COST, \$2500

(841) NO. 3233 MADISON, Alameda.
One-story 5-room dwelling.
Owner.....J. R. Freeman, 1109 Oak,
Alameda.
Architect...None.
Contractor..T. S. Peterson, 2035½
Parker, Berkeley.
COST, \$1500

(812) NO. 1339 PEARL, Alameda. Two
story 7-room dwelling.
Owner.....E. T. Brooke, 40 Drumm,
San Francisco.
Architect...None.
Contractor..E. J. Angel, 6443 Colby,
Oakland.
COST, \$3500

COMPLETION NOTICES.

ALAMEDA COUNTY.

Mar. 28, 1914—LOTS 16, 18 AND 39
Wadean Tract, Okd. Jas B Dean
and G E Wade to whom it may
concern.....Mar. 28, 1914
Mar. 30, 1914—LOT 15 BLK "A" Tri-
angle Park Tract, Okd. H Goran-
son to whom it may concern.....
.....March 28, 1914
Mar. 30, 1914—NE THIRTEENTH &
Webster E 100xN 50, Okd. H A
Powell to T D Sexton.....Mar. 27, 1914
Mar. 31, 1914—LOTS 7 & 8 Berkeley
Ppty Map No. 3 of Blake Tet, Bkly.
Frank M Wilson and John Muldon
to M S Foss.....Mar. 27, 1914
Mar. 31, 1914—SW AMETHYST (now
40th St.) 163-6 NW Howe SW 80
NW 31 NE 79 SE 35-6, Okd. Thos
Dowdell to whom it may concern
.....March 25, 1914
Mar. 31, 1914—S TWENTY-FOURTH
215 from W line Telegraph Ave W
100 S 141 E 100 N 141-0, Oakland.
Charles S Booth to F E Allen and
J W Eber.....Mar. 31, 1914
Mar. 31, 1914—GROVE NOS. 3718-24,
Okd. Christine Dorothea Mohr-
dieck to whom it may concern.....
.....March 30, 1914
Mar. 31, 1914—LOT 32 Map Coronado
Tract, Okd. Arthur Hargrave (by
J W Rounthwaite) to J P Silva
.....March 20, 1914
Mar. 30, 1914—LOTS 1 AND 2 BLK V
Central Oakland Tract, Okd. Thos
Murnien to W C Morser.....Mar. '14
Apr. 1, 1914—S WARD 340 E Ellis-
worth, Bkly. F R Peake Co to
whom it may concern.....Mar. 31, 1914
Apr. 1, 1914—PTN LOT 21 BLK "D"
Map Piedmont Knoll, Okd. East
Bay Home Bldrs to whom it may
concern.....Mar. 30, 1914
Apr. 1, 1914—W LEE Ptn Plot 21
Kellersberger Map of Ranchos V
& D Peralta, Oakland Tp. Edward
Beck to Schnebly, Hostrawser &
Pedgrift.....Mar. 27, 1914
Apr. 2, 1914—BDED ON E AND N BY
San Luis Rd; on W, NW, SW by
Arlington Rd; on S by Blk 2 Map
Arlington Villa Sites, Oakland Tp.
John H Spring to Patrick Nelson
Bldg Co.....Mar. 31, 1914
Apr. 3, 1914—SW SIXTEENTH AND
Cloy S 60xW 100, Okd. M Fried-
man Realty Co to Vulcan Iron
WorksMar. 31, 1914

LIENS FILED.

ALAMEDA COUNTY.

Mar. 20, 1914—E WOODRUFF AVE
275 N E-38th N 40x E 100, Okd. I H
Parks vs John Doe Graves and M T

Graves\$47.60
Mar. 21, 1914—W SPRUCE 432.23 N
Kunice W 134.69 N 152 NE to W In
Spruce S 202.65, Okd. Tp. Sunset
Lumber Co vs Georgia Wilson Mc-
Cluskey\$165.12
Mar. 21, 1914—W WEBSTER 174 N
23rd N 261 W to E in Broadway S
269.41 E 169-6, Okd. John C Hen-
derson vs First M E Church of
Oakland\$277
Mar. 23, 1914—LOT 3 BLK "D" Map
Elmcrest, Oakland. Zenith Mill &
Lumber Co vs George E Weil.....\$218.21
Mar. 24, 1914—LOT 3 BLK "D" Map
Elmcrest, Okd. Rhodes-Jamieson
& Co vs George Weil.....\$46.50
Mar. 25, 1914—LOT 2 BLK "C" Map
Elmcrest, Brooklyn Tp. Maxwell
Hardware Co vs Fay J Corum.....
.....\$39.93
Mar. 30, 1914—LOT 58 Map Reshdn
Peralta Park, Bkly. W P Fuller
& Co, \$11.30; Occident Hardware,
Co, \$44.55; D Harmon \$105 vs E B
and Alberta Fontain, Viola E Stud-
er and C M Blahon.....
Mar. 31, 1914—N NINTH 60 W Madis-
on W 75xN 100, Okd. Marshall &
Stearns Co vs G E Tuman, Sarah
J Hastings, N A Thompson & Cal-
ifornia Investment & Financial Co
.....\$1610

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

BRIDGE—Reinforced concrete, \$25,-
000, Napa, Napa Co., Cal. Engineers,
Leonard & Day, Rialto Bldg., S. F. Own-
ers, City of Napa. Engineers Leonard &
Day have been commissioned to prepare
plans for a reinforced concrete bridge
to be erected on East First street in
the city of Napa. The work will cost
in the neighborhood of \$25,000 and
working drawings will be complete in
about 10 days. The bridge will be 150
feet long and 60 feet wide. Borings are
now being made to determine the na-
ture of the foundation soil.

BUILDING CONTRACTS.

MARIN COUNTY

"B" STREET, being ptn Blk 4 Mahon's
Add'n, San Rafael. All work for
one-story frame dwelling.
Owner.....Chas. F. Hyams.
Architect...T. O'Connor, San Rafael.
Contractor..Phil Le Cornee.
Filed Mar. 30, '14. Dated Mar. 26, '14.
Payments not given.....
TOTAL COST, \$1795
Bond, \$649. Sureties, Geo. A. Shields
and R. H. Button. Limit, forfeit, none.
Plans and specifications filed.

BUSH TRACT, Town of San Anselmo.
All work for three-room and sleep-
ing porch house.
Owner.....Western Union Home
Bldrs., Inc., 1617 Telegraph
Ave., Oakland.
Architect...None.
Contractor..J. S. Connell, 1617 Tele-
graph Ave., Oakland.
Filed April 1, '14. Dated Dec. 1, '13.
Payments not given.....
TOTAL COST, \$1595
Bond, limit, forfeit, none. Plans and
specifications, none.

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED ACCEPTED
Apr. 1, 1914—BUSH TRACT, San An-
selmo. Western Union Home
Bldrs, Inc to J C Connell.....Mar. 25, 1914
Apr. 2, 1914—CORINTHIAN ISLAND
W B Short to Clarence G Betz....
.....March 9, 1914

LIENS FILED.

MARIN COUNTY

RECORDED AMOUNT
Mar. 27, 1914—SBDVN 1 AND 2 LOT
No. 169 except ptn of sd sbdvn 1,
conveyed to E L Hueter, Mill Val-
ley. Mill Valley Lumber Co vs Dr
Rose Sash Fritz (Reputed owner)
.....\$33.05

SAN JOSE AND THE SANTA CLARA VALLEY.

RESIDENCES—1 and 2 story, frame.
Cost not stated, San Jose, Santa Clara
Co., Cal. Architect, none. The follow-
ing Day Labor Jobs are reported as
about to be started in San Jose: G. T.
Altman, 342 South 18th street, 2 five-
room cottages, \$5,000; Mrs. V. Hender-
son, 845 East Jackson street, four-
room cottage, \$1,800; L. T. Clark, 696
South 5th street, 2 five-room cottages,
\$2,000 each; O. P. Sider, 1069 East
Santa Clara street, five-room cottage,
\$1,060; S. G. Pelton, Montgomery Bldg.,
six-room cottage, \$2,500, and Leo Lam-
pardo, 376 South Vine street, repairs
to cottages, \$1,060.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

LOT 5 BLK 4 RANGE 7, NORTH ON
N-Seventh St., San Jose. All work
for frame cottage.
Owner.....N. De Lorenzo, 239 N-7th
St., San Jose
Architect...W. E. Higgins, Rea Bldg.,
San Jose.
Contractor..F. Savio, 44 River St.,
San Jose.
Filed Mar. 27, '14. Dated Mar. 26, '14.
Frame up\$622.50
Plastering on622.50
Building completed622.50
Usual 35 days.....622.50
TOTAL COST, \$2490.00
Bond, \$1245. Sureties, E. F. Cerutto
and P. Allgrini. Limit, 110 days.
Forfeit, none. Plans and specifications
filed.

NEAR COR SIXTEENTH & WILLIAM
Sts., San Jose. All work for two-
story dwelling.
Owner.....Mary E. Howlett, 478 E-
Santa Clara, San Jose.
Architect...O. M. Vrooman, 58 N-First
St., San Jose.
Contractor..W. R. Latta, 432 N-11th
St., San Jose.
Filed Mar. 26, '14. Dated Mar. 23, '14.
Frame up\$827.50
1 coat plaster on827.50
Building completed827.50
Usual 35 days.....827.50
TOTAL COST, \$3310.00
Bond, \$1650. Sureties, W. M. Schalko
and W. J. Porter. Limit, 100 days.
Forfeit, none. Plans and specifica-
tions filed.

S JACKSON, bet 7th and 8th Sts, being Lots 8, 9, 13, 16 of D Divlins Survey, San Jose. All work for brick and galvanized iron warehouse.

Owner.....Central California Canners, Premises.

Architect.....None.

Contractor.....J. L. Hoyt, 565 N-16th st., San Jose.

Filed Mar. 25, '14. Dated Mar. 24, '14.

Foundation completed\$312.50

Roof sheathing on 312.50

brick work & roof completed 312.50

Contract completed 312.50

Usual 35 days 4150.00

TOTAL COST, \$16,600.00

Bond, \$8300. Surety, Illinois Surety Co.

Limit, 60 days. Forfeit, \$20. Plans and specifications filed.

LOT 12 BLK 1, Acacia Park, San Jose.

All work for one-story frame house.

Owner.....T. R. Mini, San Jose.

Architect.....Chas. Hastings.

Contractor.....Chas. Hastings, San Jose.

Filed Mar. 23, '14. Dated Mar. 19, '14.

Frame up\$397.50

1st coat plaster on 397.50

When completed 397.50

Usual 35 days 397.50

TOTAL COST, \$1590.00

Bond, none. Limit, 60 days. Forfeit,

\$2. Plans and specifications filed.

NO. 614 N-ELEVENTH ST., San Jose.

Four-room cottage.

Owner.....B. Guardian, Premises.

Architect.....None.

Day's work. COST, \$700

BUILDING CONTRACTS.

SAN MATEO COUNTY.

BELLEVEUE AVE., Hillsborough. Excavation, masonry, brick work, carpenter work, plastering, heating, plumbing, lighting, painting, etc., for two-story brick, concrete and terra cotta residence.

Owner ... Mrs. H. S. Klersted, Sycamore and Hurlingham, Hillsborough.

Architect ... Lewis P. Hobart, 1122

Crocker Bldg., S. F.

Contractor...Monson Bros., 119 Jessie, San Francisco.

Filed Mar. 31, '14. Dated Mar. 24, '14.

75% of work done, etc on 15th of

each month\$15,000

Usual 35 days, 25% 5,000

TOTAL COST, \$20,000

Bond, \$10,000. Surety, Massachusetts

Bonding & Insurance Co. Limit, Sept.

15, 1915. Forfeit, none. Plans and

specifications filed.

LIENS FILED.

SAN MATEO COUNTY.

RECORDED AMOUNT

Mar. 31, 1914—LOTS 23 AND 24 BLK

17 Crocker Estate Tract, Daly City.

George Ilyan vs J. Roubard and A

Makower\$671.06

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

ADVISORY ARCHITECTS TO THE BOARD OF EDUCATION—Fresno, Fresno Co., Cal. Architects Coates & Traver, advisory architects to the Pres-

ton, San Joaquin Co., Cal. Architects, Stone & Wright, San Joaquin Bldg., Stockton. Owners, City of Stockton. An addition of four rooms is to be made to the North School. Plans for the work are complete and now out for figures. Bids will be opened on April 8th. Plans can be secured from the architects. The work includes a steam heating system, modern plumbing and ventilation.

STORES AND OFFICES—4 to 6 story and base, brick and steel, \$125,000 or more. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson. Fresno. Owner, L. L. Corey. The building will be erected at the corner of J and Fresno streets, having a frontage of 77 feet on one street and 150 feet on the other. Construction will be of the Class A type throughout with a complete steel frame, brick exterior walls and concrete floors. Interior partitions will be of metal lath and plaster. There will be six stories besides the office entrance on the first floor. Upper floors will be arranged for a large number of modern offices. Interior finish will be of pine and bardwoods with some metal trim. Plans provide for steam heat, oil burning equipment, vacuum cleaning system and metal window sash and frames. Patent store fronts and marble wainscot are also specified. Two elevators will be installed. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared and figures will be called for shortly.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

APARTMENT HOUSE—Bungalow type, 1 story, frame. Cost not stated. Sacramento, Cal. Architect, none. Owner, A. Hollenbeck, 1631 K street, Sacramento. The building has been designed after the bungalow style and will contain four four-room apartments with baths. Interiors will be finished in pine and redwood with some oak floors. A central heating system will be installed. Bath rooms will have tile wainscot and composition floors. Automatic water heaters are specified. Exterior of the building will be covered with shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SCHOOL—1 and 2 story, reinforced concrete. Cost not stated. Sacramento, Cal. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, City of Sacramento. Plans are now nearly complete for the second school to be erected in Sacramento from plans by the same architects. As soon as working drawings can be completed bids will be called. Further mention will be made of the work.

ACADEMY—2 story and base, brick and steel, \$70,000. Stockton, San Joaquin Co., Cal. Architects, Stone & Wright, San Joaquin Bldg., Stockton. Owners, St. Agnes Academy. The building has been mentioned here several times before. Plans are complete and now in the hands of the contractors for figures. Bids will be opened on April 12th. The building has been designed to contain class rooms, dormitories, dining room and chapel. Interior will be finished in pine with some maple floors. Plans provide for steam heat and a hot water system and vacuum cleaning. Exterior will be faced with pressed brick.

SCHOOL ADDITION—1 story, brick and concrete. Cost not stated. Stock-

ton, San Joaquin Co., Cal. Architects, Stone & Wright, San Joaquin Bldg., Stockton. Owners, City of Stockton. An addition of four rooms is to be made to the North School. Plans for the work are complete and now out for figures. Bids will be opened on April 8th. Plans can be secured from the architects. The work includes a steam heating system, modern plumbing and ventilation.

SCHOOL—2 story and base, reinforced concrete, \$50,000. Willows, Glenn Co., Cal. Architect, W. H. Weeks 75 Post street, S. F. Owners, Willows School District. The building will contain eight class rooms, assembly hall and study rooms. Construction will be of the semi-fireproof type. Interior finish will be of pine with maple floors in the class rooms. Plans provide for steam heat, vacuum cleaning system and program clocks. Modern school plumbing will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken. Bids will be opened on April 18th. Separate bids are being taken for the general construction with an alternate proposition, heating and ventilating, plumbing, vacuum cleaning and program clocks.

POST OFFICE—1 story and base, semi-fireproof construction. Cost not stated. Grass Valley, Nevada Co., Cal. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans for the construction of this building have been forwarded to the west and are now in the hands of the contractors for figures. Bids will be opened on May 6th. The building will cover approximately 4,450 square feet of ground area. Interior finish will be of pine with some hardwood. There will be steam heat and modern plumbing and electric work. Exterior will be faced with pressed brick. An official proposal appears in another column of this issue.

RESIDENCES—1 and 2 story, frame. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, none. The following Day Labor jobs are reported as about to be started in Stockton: C. C. Henderson, 795 East Anderson, 1 story frame cottage, \$2,000; Jerome Ingalls, 321 West Park, 1 story frame cottage, \$1,800; George E. Lewis, 1344 East Anderson, 2 story frame dwelling, \$2,000; A. H. De-Combe, 1316 East Lindsay, frame residence, \$2,000.

RESIDENCES—1 and 2 story, frame. Cost not stated. Sacramento, Cal. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: Sacramento Home Builders, Forum Bldg., 1 story five-room cottage, \$2,000; Palm Iron Works, 15th and R streets, 1 story frame cottage, \$1,600 and W. D. McKoy, 3029 E street, 1 story, five-room cottage, \$2,500.

Contracts Awarded.

SCHOOL—2 story and base, reinforced concrete, \$50,000. Stockton, San Joaquin Co., Cal. Architects, Stone & Wright, San Joaquin Bldg., Stockton. Owners, Stockton School District. Contractors, O. B. Ackerman & Son, Oakland. Contract price, \$68,400. A complete list of the figures received for this work appears under the heading of Sacramento, Stockton and Northern California in this issue.

Eastside School, Stockton, Awarded.

O. B. Ackerman & Son, of Oakland,
Awarded Contract for School De-
signed by Stone & Wright.

(By Special Wire.)

STOCKTON, CAL., April 1, 1914.—Sixteen sets of bids were opened on March 31st by the Stockton Board of Education for the construction of the two-story school building to be known as the Eastside School and designed by Architects Stone & Wright, of Stockton. Ackerman & Son of Oakland were awarded the contract on their bid of \$58,100. The highest bid received was for \$75,000. The four lowest bidders follow:

Eastside School, Stockton.

Ackerman & Son.....	\$58,100
C. F. Fischer.....	68,600
Chirhardt & Nystedt.....	69,000
Caldwell & Son.....	69,000

Highway Commission Receive Figures.

Bids Opened For Eight Pieces of Work
in Seven Counties. Awards Not
Made. Complete Bids.

SACRAMENTO, CAL., April 2, 1914.—Bids were opened in the office of the State Highway Commission, Forum Bldg., on March 30th for the construction of new highways in Santa Clara, El Dorado, and Merced Counties, two pieces in San Diego, Tuolumne and Mendocino. A list of the bids, together with the materials by the State and amount allowed for same follows:

SANTA CLARA CO. DIV. 4, ROUTE 2, SEC. B.

John W. McDonald Jr., San Jose, \$15,-
\$69.60.

Ransome Crammey Co., Okla., \$17,940.20.

Materials furnished by the State.
broken stone for shoulders, \$949.

Engineer's Estimate, \$14,613.74.

EL DORADO CO. DIV. 3 ROUTE 2, SEC. C.

Lyon-Burke & Hughes, Placerville,
\$59,058.50.

Cyrus & Wm. Moreing, Stockton, \$78,-
\$54.50.

Materials furnished by State, Port-
land cement, steel, pipe railing, cor-
rugated iron pipe, coarse aggregate,
broken stone and screenings, \$10,395.95.

Engineer's Estimate, \$50,804.98.

HUMBOLDT CO. DIV. 1 ROUTE 1, SEC. A.

Berry-Mackie & Co., S. F., \$45,097.10

Hard Bros., Sacramento, \$5,240.00

Fairbanks & Bacchtel, Willits \$4,756.50

Isaac C. Allen, S. F., \$4,922.80

G. W. Connors, Eureka, \$1,687.00

Materials furnished by State pipe
railing for culverts, reinforcing steel,
corrugated iron pipe, Portland cement,
\$7,744.60.

Engineer's Estimate, \$54,249.05.

MERCED CO. DIV. 6 ROUTE 4 SEC. A

Taylor & Barliner, L. A., \$52,902.00

Richard Rothwell, A., \$6,553.03

Materials furnished by State, pipe
railing, reinforcing steel, corrugated
iron pipe, Portland cement, sand and
coarse aggregate, \$63,152.28.

Engineer's Estimate, \$51,350.38.

SAN DIEGO CO. DIV. 7 ROUTE 2 SEC. D.

W. A. Perry, L. A., \$69,935.83

Lynn S. Atkinson, L. A., \$92,361.00

John D. Marsh, L. A., \$4,569.45

Rogers Bros. Co., L. A., \$108,054.95

H. E. Cox, Pasadena, \$98,085.95

Ernest S. Shields, San Diego, \$79,873.96

C. L. Hyde Con Co, San Diego, \$4,584.06

Richard Rothwell, L. A., \$101,483.50

Leigh G. Garnsey, L. A., \$100,043.85

Materials furnished by State, pipe
railing, reinforcing steel, corrugated
iron pipe, Portland cement, \$24,354.30.

Engineer's Estimate, \$74,852.35.

TUOLUMNE CO. DIV. 3, ROUTE 13 SEC. A.

Cyrus & Wm. Moreing, Stockton.

Richard Rothwell, L. A., \$71,963.00

Richard Rothwell, L. A., \$5,354.00

Booker & Newell, Jamestown \$5,739.20

Materials furnished by State, Port-
land cement, steel, corrugated iron
pipe and pipe railing, \$2,019.26.

Engineer's Estimate, \$46,684.30.

SAN DIEGO CO. DIV. 7 ROUTE 12 SEC. A.

Holland Con. Co., San Diego, \$12,461.50

C. L. Hyde Con. Co., San Diego, \$11,741.90

Materials furnished by State, pipe
railing, reinforcing steel, corrugated
iron pipe and Portland cement, \$6,779.58

Engineer's Estimate, \$12,620.96.

MENDOCINO CO. DIV. 1 ROUTE 1 SEC. D.

J. D. Niman & Son, Turlock, \$59,283.50

H. L. Petersen, S. F., \$5,896.50

Ashby & Moncreur, Ripon, \$1,973.75

Berry, Mackie & Co., S. F., \$1,656.90

Shattuck, Edinger Co. S. F., \$7,678.75

Hard Bros., Sacramento, \$1,331.70

Materials furnished by State, pipe
railing, reinforcing steel, corrugated
iron pipe, Portland cement, \$4,967.70.

Engineer's Estimate, \$59,223.50.

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

PTN SWANSTON TRACT known as
Haggin Grant of Rancho Del Paso
adj tracks S P Co., Central Pacific
overland route and in NW Cor.
Swanston Tct., Sacramento. Ma-
terials as to erection of building as
to frame work.

Owner.....George Swanston (as C.
Swanston & Son), Stoll
Bldg., Sacramento.

Architect...None.

Contractor...The Palm Iron & Bridge
Works.

Filed Mar. 26, '14. Dated Mar. 24, '14.
COST, \$7256

E ½ OF LOT 7, N.O. 23RD AND 21TH
Sts., Sacramento. Two-story frame
tenement.

Owner.....Louise M. Taylor, 1215 17th
St., Sacramento.

Architect...None.

Contractor...Frank P. Williams, 523
Ochsner Bldg., Sacramento
COST, \$6500

S ¼ LOT 4, P. Q. 21ST AND 22ND STS.,
10. 1614 22nd St., Sacramento. One
tory 4 apartments frame tenement.

Owner.....A. Hollenbeck, 1631 K St.,
Sacramento.

Architect...None.

Day's work. COST, \$5000

LOT 72 CURTIS OAKS, 1st Ave, bet
25th and 26th Sts., Sacramento. One
story 6-room frame dwelling.

Owner.....B. Bezdeka, 1125 O St.,
Sacramento.

Architect...None.

Contractor.....A. L. Johnson, 2915 ½ 34th
St., Sacramento.

COST, \$2550

W ½ LOT 7, K. L. 23RD AND 24TH
Sts., No. 2309 L St., Sacramento. One-
story six-room frame dwelling.

Owner.....G. H. P. Lichhardt, 1800
M St., Sacramento.

Architect...None.

Contractor...Joe Pausback, 1020 25th
St., Sacramento.

COST, \$2400

S ½ OF N ½ LOTS 13, 14, Allen and
Leitch Tct. Sacramento. One-story
5-room frame dwelling.

Owner.....Sacramento Home Bldrs.,
522 Forum Bldg., Sacra-
mento.

Architect...None.

Day's work. COST, \$2000

N ½ LOT 1, I, J, 2ND AND 3RD STS.,
Sacramento. Plumbing.

Owner.....John Rassmussen, Cerita
A. Slawson and Adele
Slawson, 2701 G St., Sacra-
mento.

Architect...None.

Contractor...F. A. Trowbridge, 2628 2d
Ave., Sacramento.

Filed Mar. 27, '14. Dated Mar. 25, '14.
COST, \$1900

W ½ LOT 6, H. S. 15TH AN 16TH STS.,
No. 1519 S St., Sacramento. One-
story frame dwelling.

Owner.....Palm Iron Works, 15th &
R Sts., Sacramento.

Architect...None.

Day's work. COST, \$1600

W 27 FT. LOT 54, E 7 ft. Lot 53, Alta
Vista, Sacramento. One-story 3-room
frame dwelling.

Owner.....W. F. Tovelie, 2810 P St.,
Sacramento.

Architect...None.

Contractor...H. Buck, 3100 Walnut Ave.
Sacramento. COST, \$1600

N ¼ LOT 1, V. W. 2ND AND 3RD STS.,
No. 2200 Third St., Sacramento. One-
story 5-room frame dwelling.

Owner.....D. J. Silvey, 1711 th St.,
Sacramento.

Architect...None.

Contractor...J. A. Silva, 415 11th St.,
Sacramento.

COST, \$1500

S ½ OF N ½ LOT 4, V. W. 2ND & 3RD
Sts., No. 2204 3rd St., Sacramento.
One-story 5-room frame dwelling.

Owner.....D. J. Silvey, 1711 4th St.,
Sacramento.

Architect...None.

Contractor...J. A. Silva, 415 11th St.
Sacramento. COST, \$1500

E ½ LOT 7 N. O. 23RD AND 24TH STS
No. 2315 O St. (rear), Sacramento.
Frame garage, concrete foundation.

Owner.....Louise M. Taylor, 1215 17th
St., Sacramento.

Architect...None.

Contractor...Frank P. Williams, 523
Ochsner Bldg., Sacramento
COST, \$600

LOT 6 ELK "D" Highland Park, Car-
negie Ave., Sacramento. Alter one-
story frame dwelling.

Owner.....H. A. Boyd, 16th, bet. R
and S Sts., Sacramento.

Architect...None
Contractor...C. N. Doust & Son, 2905 T St., Sacramento.
COST, \$500

W 1/2 OF 5, 1, J. 26TH AND 27TH STS., No. 2627 J St., Sacramento. Alter frame dwelling.
Owner.....H. E. Dorman, Premises.
Architect...None.
Contractor...A. Van Zee, 2707 I St., Sacramento.
COST, \$400

E 1/2 LOT 6, F, G, 6TH AND 7TH STS., No. 611 G St., Sacramento. Reshingle paint and paper 5-room frame dwlg.
Owner.....Fred Arnold, C St., bet 26th and 27th Sts., Sacramento.
Architect...None.
Contractor...A. W. Morris, 409 21st St., Sacramento.
COST, \$250

LOT 21, Casa Loma Terrace, Sacramento. One-story 5-room frame dwelling.
Owner.....D. W. Carmichael, 800 J St., Sacramento.
Architect...None.
Contractor...R. E. Stubbe, 3712 Palm Ave., Sacramento.
COST, \$2700

W 1/2 LOT 2, P, Q, 25TH AND 26TH STS. No. 2510 P St., Sacramento. One-story frame addition to dwelling.
Owner.....W. G. Thompson, 2510 P St., Sacramento.
Architect...None.
Contractor...J. J. Durand, 915 M St., Sacramento.
COST, \$400

LOT 6, East End Ad'n T St., bet 32nd and 33rd Sts., Sacramento. One-story five-room frame dwelling.
Owner.....N. E. Briggs, 33rd and P Sts., Sacramento.
Architect...None.
Contractor...J. J. Jennings, 719 J St., Sacramento.
COST, \$1800

LOT 6 BLK 6, South Sacramento, No. 3322 Y St., Sacramento. One-story five-room frame dwelling.
Owner.....J. L. Woods, 3312 Yeerk Ave., Sacramento.
Architect...None.
Contractor...J. J. Jennings, 719 J St., Sacramento.
COST, \$1800

E 20 FT. LOT 7, N. O. 19TH AND 20TH STS., No. 1919 O St., Sacramento. One-story brick addition to brick boiler room.
Owner.....M. Mutoe, Premises.
Architect...None.
Contractor...Henry Finnigan, 618 L St., Sacramento.
COST, \$3500

LIENS FILED.

SACRAMENTO COUNTY.

RECORDED AMOUNT
Mar. 27, 1914—W 20 FEET LOT 6 AND E 40 FEET LOT 7, L. M. 27th and 28th Sts., Sacramento. H Goldman vs S Ginsberg\$620

RELEASE OF LIENS.

SACRAMENTO COUNTY.

RECORDED AMOUNT
Mar. 26, 1914—LOT 14 BLK 20 facing Magnolia Ave., South Sacramento. E O Borge to J S McMahon, E R Daly and M C Jackson.....

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—2 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Elmore R. Jeffery, Citizens' National Bank Bldg., L. A. Owner, William Duelling. The building will be erected at the corner of 16th and Georgia streets on a lot 50 by 90 feet. There will be a total of 42 rooms arranged in two and three room apartments with private baths and wall beds. Interior finish will be of pine throughout. All bath rooms will have composition floors and tile wainscot. Plans provide for steam heat and a hot water supply. Exterior of the building will be faced with pressed brick. Plans are being prepared.

APARTMENT HOUSE—3 story and base, Class C construction. Cost not stated. Los Angeles, Cal. Architect, C. F. Skillings, Garland Bldg., L. A. Owner, Mrs. Mundy. The building will be erected on a 45 by 70 foot lot located at the corner of 23rd and Hope streets. The plans provide for a total of 38 rooms, which will be arranged in two and three room apartments. All suites will have wall beds and private bath rooms. Interiors will be finished in pine and redwood with some elm panels and hardwood floors. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are being prepared.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, Garrett & Farrell, Currier Bldg., L. A. Owner, H. A. Pierce. The building will be erected at the corner of 51st and Moneta avenue, and has been designed for five stories on the first floor and a total of 25 apartments of two and three rooms on the upper floors. Interior finish will be of pine throughout. All apartments will have wall beds and private bath rooms. Plans provide for steam heat, a hot water supply, vacuum cleaning and wall beds. Bath rooms will have tile wainscot and composition floors. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are being prepared.

CHURCH—1 story and base, reinforced concrete, \$25,000. Riverside Co., Cal. Architect, T. Franklin Power, Higgins Bldg., L. A. Owners, Roman Catholic Church of Riverside. The building has been designed in the Spanish Renaissance style and will have a seating capacity of 700 people besides the Sunday school room. Interior finish will be of pine and redwood with ornamental plaster. Marble and art glass work are called for. Exterior of the building will be faced with cement plaster. Father Holm is

in charge of the work. Plans are still in the preliminary stage and further mention will be made of the work.

HOTEL—3 story and base. Class C construction. Cost not stated. Los Angeles, Cal. Architect, C. F. Skillings, Garland Bldg., L. A. Owners, Mrs. Fullerton and Mrs. Wagner. The building will be erected on West 20th street near 8th, and will cover an area of 50 by 90 feet. Upper floors have been arranged for a total of 40 guest rooms and 20 baths. Interior will be finished in pine and redwood. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster. Plans are being prepared and figures will be called for shortly.

HOTEL—2 story and base, brick. Cost not stated. Niland, Imperial Co., Cal. Architect, Frank L. Stiff, Grosse Bldg., L. A. Owners, California Land and Water Co. The building will be erected on a corner lot and has been designed for two stores, hotel lobby and billiard room on the first floor. Upper floor will contain 70 guest rooms and a number of baths. The building is irregular in shape and will cover an area of approximately 30,000 square feet. Plans provide for steam heat and a refrigerating system. Interior finish will be of pine. Exterior of the building will be covered with cement plaster. Plans are complete and foundation work is being done by Day Labor. A contract for the balance of the work will be let.

RESIDENCE—2 story and base, frame, \$25,000. Brentwood, Los Angeles Co., Cal. Architects, Milwaukee Bldg. Co., Wright and Callender Bldg., L. A. Owner, C. Stephens. The house has been designed in the classic style and will contain sixteen rooms and three baths. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. Plans provide for steam heat and a hot water supply. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

MISSION SCHOOL—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Robert H. Orr, Van Nuys Bldg., L. A. Owners, Christian Women's Board of Missions of Indianapolis. The building will be erected on Wall street. The first floor will contain the chapel, offices and class rooms. Second floor will contain 20 private rooms with baths and the third floor will be arranged for six apartments of three rooms each. Interior finish will be of pine throughout. Plans provide for steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. A general contract except the heating will be awarded. Plans are complete and new figures are being taken.

Contracts Awarded.

APARTMENT HOUSE—2 story and base. Class C construction, \$45,000. Los Angeles, Cal. Architects, Noonan & Murphy, Douglas Bldg., L. A. Owner's name withheld. Contractors, Noonan & Murphy, Douglas Bldg., L. A. Contract price \$45,000.

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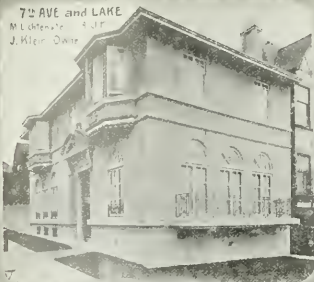
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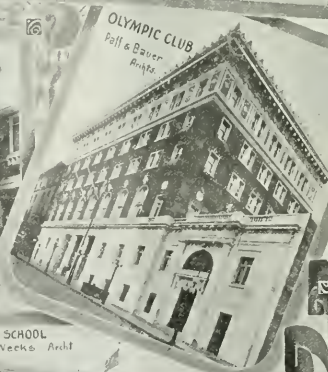
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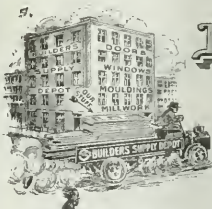
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Editorial Comment.

The outbreak of the incorrigible prisoners at Folsom and the murder of Mrs. Harbert at Stockton by a paroled Japanese convict is likely to produce some reaction against the maudlin sentiment that is now prevalent for the criminal classes. It may be that all criminal minds are abnormal. It may be that it is a disease that should be treated in a hospital. But society owes its first duty to itself and the citizen who supports the laws of his land, pays his debts and earns an honest living is the first to be considered.

Julian Hawthorne, the son of an illustrious father, used his name and the United States mail to defraud the fellow citizens out of money by investing in fly-up-the-creek stock concerns. As a result he served some time in the federal prison at Atlanta, Georgia. Since then he had been filling space in criticism of our prison methods and prison officials. While the fare and the treatment may have been distasteful to him it certainly is not a place, nor should it be made a place, where criminals want to return.

A criminal is one who wants to get the best of it all the time. No matter whether he be a high financier or a second story burglar he wants to get the rewards without honest labor. And he tries to beat the game. If the honest citizen gets in the way and gets robbed or killed so much the worse for the honest citizen. And this kind of criminal is the person whom Fremont Older and his kind eulogize and devote more space to than to all the honest citizens in the country.

Prisons are primarily places of punishment and they sometime effect reform. And while it is a hard thing to remove the stigma of prison life from those who really want to reform yet the first thing for society to do is to protect itself and that it can only do by providing some sort of punishment for the wrong doer.

Chap Clark's flamboyant declaration that he is willing to go to war with England rather than permit her to interfere in this country's domestic affairs, and the general argument for "protecting American interests" by permitting this country's coastwise vessels to use the Panama Canal free of tolls, illustrates a curious error into which many people fall in considering questions of this sort. They ignore facts in a sort of hysteria of sentiment.

The Panama tolls question involves an interpretation of a treaty on the one hand, and on the other of a purely economic problem. Primarily free tolls

for American coastwise vessels means giving the use of a great public property to a few men who happen to own a certain class of ships. Whether this gratuity is justified on the ground that it will be of general benefit through the reduction of transportation rates is easily ascertainable by an analysis of facts, and cannot be decided by a false appeal to patriotism.—Kansas City Star.

The May Day Fete for San Francisco this year will consist of a celebration at the Exposition Grounds which will reveal the progress that has been made in the construction of the great fair and give some idea of what the completed Exposition will be.

And it will be a revelation to many of us. When times are dull and things look disappointing it is a good thing to look back sometimes and see how far we have gone. And as this May Day celebration is to commemorate the final rebuilding of the city it will show in review what has been accomplished during the last eight years.

A great deal is being published about the location of the regional banks and as might have been expected those cities that have lost are charging that political deals figured in the apportionment. Such things were expected. But it is only fair to say that the reelection of the cities that secured the location of these financial centers was made after due deliberation and a thorough examination of all claims.

Denver, for instance, objects and says that San Francisco is as foreign to it as San Francisco. And right here it would seem that the fact that Denver was not selected proves that no political consideration figured in the apportionment. For Missouri was allowed two regional banks, one at St. Louis and one at Kansas City. If politics had figured Missouri would have been "taken care of" by the allotment of one bank. And further than that Colorado is represented by two Democratic Senators. So that while there are a lot of disappointed applicants the apportionment seems to have been made as fairly as it could have been.

Earthquake Construction has now reached a very practical stage in the seismic districts of Italy, where all new buildings are being erected under strict supervision with respect to their ability to resist earthquake shocks. Prof. Omori, the Japanese authority, has estimated that 99.8 per cent of the deaths in the great Messina earthquake of 1908 would have been prevented if the buildings had been properly constructed.—Scientific American.

The Making Of Composite Floors

By Robert P. Skinner.

The report on "floorings of sawdust and magnesium chloride" has given rise to innumerable inquiries from correspondents from various parts of the United States, all of whom express a desire for further details. It was stated in the original report that extensive use was being made in Germany of a flooring composition consisting of a solution of chloride of magnesium to which pulverized magnesia is added, together with considerable proportions of sawdust, and which, being skillfully compounded, provided a relatively inexpensive and fairly fire-proof material, especially useful in large office buildings and public halls. One inquirer stated that the art of laying these floorings in Germany is far ahead of the practice in America, and asked particularly for the method of coloring the material and of governing its expansion and contraction.

According to my information, there should be neither expansion or contraction of the material from any cause whatever, after a flooring of magnesium chloride is once laid. The very ingredients are such that there is no buckling or cracking due to heat or cold. In Hamburg the composition is mixed and spread where the building operations are being carried on, the prepared dry meal being delivered in bags from the factory, and the lye water made on the spot. It is impossible to state the precise rule for the position of the meal or for the lye solution, these being the manufacturers' secrets and each manufacturer claiming particular merits for his own formula. These formulas are not patented, and there is no doubt that they are all substantially alike. Several manufacturers have expressed a willingness to sell their process, either for the whole of the United States or for a restricted territory. One Hamburg firm sold its formula for a small place in Southern Germany for \$1428.

The mixture of meal and lye water is made in a mortar box, and when a thickness of not more than 2 inches is proposed it is spread and smoother with a hand trowel, when a thickness of 1 inch is desired, the material is tamped and then smoothed. The amount of lye water used in mixing the meal depends upon whether the flooring is to be simply spread or tamped; if spread the ordinary practice seems to be to use from 4 to 6 buckets of lye water to 1 sack of meal, the sack apparently containing from 50 to 60 pounds.

These floorings were first utilized in large office buildings in Hamburg, and probably elsewhere, as a basic flooring for linoleum and also for the addition of artificial wood-marble flooring. These wood-marble floorings are substitutes for wood, and the panels are polished like hardwood floors; that is to say, smoothed with steel shavings and given a coating of wax. When linoleum is applied, it is glued to the magnesium chloride foundation with a linoleum cement, which is said to be composed of copal resin and putty

In Germany linoleum is never tacked to wood or artificial stone flooring, as is usual in the United States, but it is invariably glued in place, an ordinary floor paste being used when it is applied to wooden floors. Linoleum thus laid is washed afterwards with soap water and when dry given a coating of wax, exactly like a hardwood floor. This treatment is the ordinary practice in the large office buildings of Germany, even in hallways where thousands of people pass in the course of a week.

The magnesium-chloride flooring was first considered a particularly excellent foundation for linoleum, and it is only in comparatively recent times that it has been found possible to color it and lay it so attractively that no linoleum covering is necessary. It is laid tight against the side walls, making the entire floor waterproof. In bath rooms and around toilets, it is brought to the edge of the porcelain and the joints are rounded upward, so that no crevices present themselves in which dust or dirt can collect, nor should there be any joint through which water might percolate.

The favor in which linoleum is held in this country is such that manufacturers of these new composition floorings have some difficulty in inducing buyers to put down this material, in solid or varied colors, in preference to a similar natural color foundation with linoleum coverings, although the cost and wearing qualities of the former method are said to be much in its favor. Linoleum costs in Hamburg about 86 cents per square meter (a square meter equals 1.2 square yards), and the cheapest class of magnesium-chloride foundation pavement costs 4 cents, making a total of \$1.31 per square meter against a cost of \$1.19 per square meter for a colored wood-marble floor attractively finished. The new floorings may now be obtained in almost any color, or in mottled colors. When mottled colors are desired, the different colored mixtures are prepared separately and tamped in together as the floor is laid. Special dyes are required for these operations, and there are a number of manufacturers who produce them. In a general way, from 15.4 to 22 pounds of color are necessary for 220 pounds of mortar. The proportions vary with strength of coloring desired. The colors themselves are of different prices. One manufacturer quotes red, blue, black and brown at \$1.76 per 220 pounds, oxide green, \$3.55; and blue, \$19.04 to \$22.42 per 220 pounds. Another manufacturer quotes red dye, very much in demand, at an average price of \$3.81 per 220 pounds. The prices again vary with the quantity ordered. The more delicate tints, such as green and blue, are more sensitive to light, particularly if exposed for a long time, than the other colors, such as black, red and brown. Red is especially favored, and the many different shades are said to be absolutely unchangeable. Most of the manufacturers of these dyes supply

dyes for cement tiles, stucco, imitation marble, sand-lime brick and cement blocks.

One Hamburg manufacturer claims for his own composition that it is crack free under all circumstances, warm under foot, elastic and sound proof, preferable to linoleum, as linoleum curls at the edges after a time, breaks or wears away, and absorbs water, permitting it to leak through. This same manufacturer submits a certificate of examination from the royal board of examiners of material in the Technical High School in Berlin, reporting as follows on the examination of samples of his material:

1. After the sample plates were soaked in water and had been exposed to frost 25 times at 15 degrees C. below zero, the samples remained unharmed.

2. After the plates had been lying in water for eight days a very small proportion of water (9 per cent) had been absorbed.

3. After the plates had been attached to a vessel containing water—after 24 hours, none; after 48 hours, 2 cubic centimeters, of 5 per cent; after 72 hours, 4 cubic centimeters, or 10 per cent, of moisture had been absorbed.

This manufacturer also claims that in this country his composition is cheaper than pine flooring, tiling or stone; that it may be used to cover old worn-out wood and stone plate floorings, staircases, and the like, without the necessity of removing the old floors. Wherever a foundation is firm and dry it may be laid without any complicated preparations. Finally, it may be cleaned with cold water and only very seldom should lukewarm water be applied. After complete cleansing and thorough drying, the flooring should be rubbed with raw linseed oil or should be waxed.

Magnesium chloride, the chief ingredient of these compositions, is worth, in 50-ton lots, in casks of 880 pounds f. o. b. Hamburg, \$11.50 per ton fused. If in lesser lots, \$12 per ton. Greck calcined and powdered magnesite, in barrels of 396 to 440 pounds is worth \$33.32 to \$35.70 per 2,090 pounds f. o. b. Rotterdam. Raw magnesite, in casks, is worth \$30.90 per 200 pounds f. o. b. Hamburg.—From the Architect, Builder and Engineer.

PORTLAND CEMENT PRODUCTION.

The final figures for the Portland cement industry in 1913, as obtained by the United States Geological Survey on March 16, show a production of 92,097,121 barrels, shipments of 88,689,377 barrels and stocks on hand 11,220,328 barrels. It is somewhat interesting to compare these figures with the estimates made by the Geological Survey on January 15. These estimates were as follows: Production 92,406,000 barrels, shipments 88,852,000 barrels and stocks on hand 11,375,000 barrels, the percentage of error ranging from only .003 in production to about .01 in stocks on hand.

Items desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items classified and grouped under proper headings, commencing on this page. These items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$20,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Rousseau Realty Co. The building will be erected at the southeast corner of Page and Fillmore streets, covering an area of 30 by 81 feet. The building has been arranged for one store on the first floor besides the entrance to the apartments. Upper floors will be arranged for seven suites of two, three and four rooms. All apartments will have wall beds and private bath rooms. Interiors will be finished in pine and elm panels. Some oak floors will be used. There will be steam heat and a hot water system. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with brick veneer. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house alterations, 3 story and base, frame, \$3,000. Architect, none. Owner, Patrick Lynch, 116 Hampshire street, S. F. This work will consist of the alteration of a two-story frame building at 571 Natoma street into a three-story apartment house. Suites will be of the two and three room type. There will be new interior trim, plumbing, electric work and plastering. The outside of the building will be covered with rustic and shiplap. Plans are in the hands of the owner and work will be done by Day Labor.

SAN FRANCISCO—Apartment house, 4 story and base, reinforced concrete, \$30,000. Architect, T. Patterson, 310 California street, S. F. Owner, S. Zussman. The building will be erected on the north side of Post street west of Larkin. There will be a number of two and three room suites, all of which will have private baths and wall beds. Interior finish will be of pine and redwood with some elm panels and oak floors. Plans provide for steam heat and a hot water supply. An automatic elevator will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with cement plaster. Plans are complete and a contract will be awarded shortly.

SAN FRANCISCO—Apartment houses, 2, 3 story and base, frame, \$12,000 each. Architect, none. Owner, J. Sockolov, 1537 O'Farrell street, S. F. These two buildings will be erected on adjoining property on the north side of California street east of Broderick, and will cover an area of 40 by 122 feet. The two buildings will contain a total of 12 suites of three and four rooms. Interior finish will be of pine and elm panels with beam ceilings and some hardwood floors. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. All apartments will be equipped with wall beds. Exterior of the buildings will be covered with rustic and cement plaster on metal lath. Plans are complete and

in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, Paul De Martini, 2123 Powell street, S. F. Owner, G. Romano. The building will be erected on Pacific street, near Taylor, and will contain six suites of two and three rooms. Interior will be finished in pine and redwood. There will be wall beds and private baths. Plans also provide for a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken. Bids will close in one week.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$15,000. Architect, none. Owner, E. M. Fritz, 1401 Masonic avenue, S. F. The building will be erected at the northeast corner of Frederick and Delmar streets, covering an area of 29 by 105 feet. Interior has been arranged for a total of eleven suites of two, three and four rooms. All interior finish will be of pine and hardwood. Suites will have private bath rooms and wall beds. Plans provide for steam heat and a hot water supply. Bath rooms will have composition floors and tile wainscot. Portable vacuum cleaners will be installed. Exterior of the house will be covered with cement plaster on metal lath. A klinker brick base is also specified. Plans are complete and work will be done by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Apartment house furnishings, fixtures etc. Cost not stated. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owners, Sommarstrom Bros. The three-story frame apartment house at the corner of 16th and Alice streets is nearing completion, and the owners will shortly award contracts for furnishing, store fixtures, lighting fixtures etc. Marble and the work are now being figured.

SACRAMENTO, CAL.—Apartment house alteration, 3 story and base, brick, \$20,000. Architect, J. Seader, Forum Bldg., Sacramento. Owner's name withheld. The work will consist of both interior and exterior alteration. Included in the work will be new interior partitions, plastering, mill work and carpenter work, electric work, plumbing and painting. Patent store fronts will be used. Exterior will be faced with pressed brick. The apartments will all have wall beds and private baths. Bath rooms will have tile wainscot and composition floors. Plans are being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$16,000. Architect, M. Mattanovich, David Hewes Bldg., S. F. Owner, Mrs. Ryan. The building will be erected on the west side of Cole street near Fulton and has been designed to contain six suites of four rooms and bath each. Interior will be finished in pine and hardwood with oak floors in the living rooms. There will be steam heat, a hot water supply and portable vacuum cleaners.

Bath rooms will have tile floors and wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 4 story and base. Class C construction. Cost not stated. Architect, David C. Coleman, Merchants' National Bank Bldg., S. F. Owner, Mr. Osborn, Clunie Bldg. The building will be erected on Leavenworth street adjoining the corner of Geary. Plans provide for a total of 90 rooms, arranged in two and three room suites with private baths. Interior finish will be of pine and elm. There will be steam heat and a hot water supply. An automatic elevator will be installed. Bath rooms will have tile wainscot and composition floors. All apartments will be equipped with wall beds. Exterior of the building will be faced with cement plaster. Plans are being prepared.

VENICE, LOS ANGELES CO., CAL.—Apartment house, hotel and offices, 4 story and base, brick and steel, \$15,000. Architects, Western Architectural and Building Co., Coulter Bldg., L. A. Owners, Adiel B. Tomlinson and F. A. Ripley. The building will be erected at the corner of Westminster and Ocean avenues, covering an area of 40 by 110 feet. There will be stores on the first floor. Upper floors will be arranged for hotel rooms, apartments and offices. Interior finish will be of pine throughout. Plans provide for steam heat, elevator service and a hot water supply. Stores will have patent fronts. Exterior of the building will be faced with pressed brick. Plans are being prepared. Excavating and foundation work has been awarded to L. G. Block.

LOS ANGELES, CAL.—Apartment house, 3 story and base. Class C construction. Cost not stated. Architects, Blanchard & Tifal, California Bldg., L. A. Owner, A. S. O'Neil. The building will be erected at the corner of Figueroa and Diamond streets, and has been designed to contain 120 rooms which will be arranged in two and three room suites. Interior finish will be of pine and elm. Some hardwood floors will be used. Plans provide for steam heat, a hot water system and vacuum cleaning. All apartments will have wall beds and private baths. Bath rooms will have the wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans will go out for figures in about two weeks.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick and steel. Cost not stated. Architect, C. C. Rittenhouse, Washington Bldg., L. A. Owner, A. L. Jamison, Black Bldg. The building will be erected on Carondelet street near Ninth, and will cover an area of 106 by 133 feet. Plans provide for a total of 160 rooms arranged in two and three room suites with private baths. Interior finish will be of pine and redwood with some hardwood floors. There will be steam heat, elevator service and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are being prepared.

VISALIA, TULARE CO., CAL.—Apartment house, 2 story and base, frame and plaster, \$8,000. Architect, H.

Y. Davis, Visalia. Owner, Mrs. A. W. Gilbert. The building has been designed to contain a number of three and four room suites. Interior finish will be of pine throughout. All suites will have wall beds and private baths. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with cement plaster on metal lath. Plans are being prepared.

Contracts Awarded.

SAN FRANCISCO—Apartment house alteration and addition, 3 story, frame, \$5,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owners, Mr. and Mrs. L. S. Church. Contractor, J. Eric Johanson, 2726 20th street, S. F. Contract price, \$5,000.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick and steel, \$100,000. Architect, Frank M. Tyler, Black Bldg., L. A. Owner, G. Rupert Johnson. Contractors, Hubbard & Gardner, Douglas Bldg., L. A. Contract price, \$100,000.

BRIDGES, DAMS AND HARBOR WORK.

KELLOG, ORE.—Bridge, steel and concrete, \$30,000. Engineer, Horace C. Hall, Grants Pass, Ore. Owners, Douglas County. There will be two spans each 200 feet in length with a third connecting span of 125 feet. Approaches will be of reinforced concrete. The roadway will be sixteen feet. Plans are now being prepared and figures will be called for shortly.

Contracts Awarded.

HOPE, B. C.—Approach for steel, brick, \$300,000. Engineer's name not given. Owners, Kettle Valley Railroad. Hope, B. C. Contractors, Canadian Bridge Co., Hope, B. C. Contract price, \$300,000.

CHURCHES.

SAN FRANCISCO—Church, 2 story and base. Class C construction, \$60,000. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owners, Second Church of Christ, Scientist. The building will be erected at the corner of Dolores and Cumberland streets, and has been designed in the classic style. The main auditorium will have a seating capacity of 1,000 people. Interior finish will be of pine and ornamental plaster. There will be a central heating system. Art and leaded glass is also specified. Exterior of the building will be faced with pressed brick. Working drawings are nearly complete and bids will be called for within a month. Further mention will be made of the work.

STOCKTON, SAN JOAQUIN CO., CAL.—Church, 2 story and base, brick and steel, \$25,000. Architect, John J. Foley, 46 Kearny street, S. F. Owners, St. Gertrude's Parish. The building will be designed in the Renaissance style and will be faced with pressed brick, trimmed with terra cotta. Interior will be finished in pine and ornamental plaster. Plans provide for steam heat and an oil burning plant. The main auditorium will seat 550 people. Art glass and considerable marble work will be used. Preliminary sketches have been approved and working drawings will be completed at once. Con-

struction will not be undertaken until summer.

MT. OLIVET CEMETERY, SAN MATEO CO., CAL.—Columbarium, 1 story, reinforced concrete, \$100,000. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owners, Mt. Olivet Cemetery Co. This building has been designed in the Greek-Doric style and will be of the fireproof type of construction. Interior will be finished in pine, ornamental plaster, marble and caen stone. Exterior will be faced with cement plaster. Only a portion of the building will be erected at the present time. Working drawings are complete and bids will be taken by the architect within a week or ten days.

McMINNVILLE, ORE.—Church, 1 story and base, reinforced concrete, \$10,000. Architect, B. B. Ostlin, McMinnville. Owner's name withheld. The building will cover an area of 60 by 120 feet with a nave of 50 by 50 feet. A spire 120 feet in height will also be constructed. Interior of the auditorium will be finished in pine and ornamental plaster. There will be steam heat, art glass windows and marble work. Exterior of the building will be faced with cement plaster. Plans are being prepared. Further mention will be made of this work when figures are called.

SANTA CRUZ, SANTA CRUZ CO., CAL.—Church, 2 story, frame, \$20,000. Architect, W. J. Wythe, Central Bldg., Oakland. Owners, Methodist Church of Santa Cruz. The building has been designed in the Mission style and will contain a main auditorium seating 500 people besides a large Sunday school room and pastor's study. Interior finish will be of pine, redwood and ornamental plaster. There will be a central heating system. Exterior of the building will be covered with cement plaster on metal lath. Art glass windows will be installed. Plans are complete and figures are being taken. Bids will be opened on April 18th.

COURT HOUSES

SACRAMENTO, CAL.—Capitol addition, 5 story. Class A construction. Cost not stated. Architect, State Department of Architecture, Sacramento. Owners, State of California. News comes from Sacramento that land is being sought on which to construct a five-story fireproof building to house the overflow from the State Capitol. Some five or six parcels of land will be submitted to the Board of Control on April 8th. Plans for the new building will be prepared by the State Department of Engineering. The building is to have 25,000 square feet of floor area on each of the floors. Further mention will be made of the work.

ALTURAS, MODOC CO., CAL.—Court house, 2 story, base and dome, reinforced concrete, \$80,000. Architect, F. J. De Longchamps, Reno, Nev. Owners, Modoc County. Bids opened for this work show C. G. Sellman of Reno low on the general construction at \$87,385, and the Savage Heating and Plumbing Co., also of Reno, low on the heating and plumbing at \$7,296. Even with these figures the building cannot be constructed within the amount available and all bids were rejected. The architect will probably be allowed to revise the plans and new figures will be called. A complete list of the

bids submitted will be found under the heading of Sacramento, Stockton and Northern California in this issue.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Warehouse, 2 story and base, brick and steel, \$10,000. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner, C. G. Lathrop. The building will be erected at the southwest corner of 19th and York streets, covering an area of 42 by 96 feet. Interior will be finished in pine. There will be metal window sash and frames and spiral chutes. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken on the work.

SAN FRANCISCO—Warehouse, 2 story and base, brick and steel, \$27,000. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner, C. G. Lathrop. The building will be erected at the southeast corner of 19th and Bryant streets and will have a frontage on one street of 96 feet and of 150 feet on the other. Interior finish will be of pine throughout. Construction will be of the extra heavy type. Plans provide for metal window sash and frames and fireproof doors. There will be an elevator and spiral chutes. Exterior will be faced with pressed brick. Plans are complete and figures are now being taken.

OAKLAND, CAL.—Warehouse, 2 story and base, reinforced concrete and brick, \$50,000. Architect, Walter Reed Oakland Bank of Savings, Oakland. Owners, W. P. Fuller & Co. The building will be erected at the southwest corner of 3rd and Jackson streets, covering a large area. Construction will be fireproof. Metal window sash and frames and fireproof doors are specified. Interior finish will be of pine. There will be spiral chutes. Exterior of the building will be faced with pressed brick. Plans are being prepared and figures will be called for shortly.

SEATTLE, WASH.—Factory, warehouse and docks, concrete construction. Cost not stated. Architect, Charles H. Bebb, Denny Bldg., Seattle. Owners, National Producers and Consumers Alliance Co., Inc. This project is one of the largest projects yet conceived to bring about an alliance between the producer and consumer. Included in the project in the construction of a salt water terminal, the construction of factories and warehouses, ice and cold storage plants. The promoters claim to have secured a large tract of valuable land and to have hundreds of thousands of dollars pledged to the project.

SAN FRANCISCO—Ice and cold storage plant, 3 story and base, brick and steel, \$150,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, F. E. Knowles. The building will be erected at the corner of Bryant and 15th streets, covering an area of 120 by 200 feet. The plant is intended for one of the largest and most modern ice and cold storage plants on the coast, and will be equipped with the latest and most approved machinery. Interior of the building will be finished in pine. Metal window sash and frames are specified. Exterior will be faced with red pressed brick trimmed with granite. Plans are complete and all con-

tracts will be let by the owner. Brick work is now being figured.

Contracts Awarded.

PORTLAND, ORE.—Factory, 6 story and base, reinforced concrete, \$70,000. Architects, Jacobberger & Smith, Board of Trade Bldg., Portland. Owners, Doernbecker Mfg. Co. Contractor, James P. Taylor, Macleay Bldg., Portland. Contract price, \$70,000.

FIRE HOUSES AND JAILS.

SAN FRANCISCO—Central fire alarm station. Cost not stated. Architect, City Department of Architecture. Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for this building show the Clinton Fireproofing Co. low at \$36,500. They will probably be awarded the contract. A complete list of the bids received will be found under the heading of San Francisco in this issue.

Contracts Awarded.

BAKERSFIELD, KERN CO., CAL.—Jail, 2 story and base, reinforced concrete. Cost not stated. Architect, O. L. Clark, Brower Bldg., Bakersfield. Owners, Kern County. Contractors, Caldwell & Son, S. F. Contract price, \$97,476. The contractors are now taking figures on the various parts of the work.

FLATS.

SAN FRANCISCO—Flats, 5, 2 story and base, frame, \$20,000. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner, John McConaghy. These houses will be erected at the corner of Army and Serpentine streets on adjoining property. Each building has been designed to contain two modern flats of five and six rooms with bath. Interiors will be finished in pine and redwood. Some oak floors will be used. There will be open fire places in each of the living rooms. Mantels will be of tile. Automatic water heaters will be installed. Bath rooms will have tile wainscot and composition floors. Exterior will be covered with rustic and cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, none. Owner, Thomas Finlayson, 552 6th avenue, S. F. The building will be erected on the east side of Belvedere street north of 17th and has been designed to contain two flats of five and six rooms with bath. Interiors will be finished in pine and redwood with some elm panels and oak floors. There will be large open fire places and tile mantels. Automatic water heaters will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Flats, 2 story and base, frame, \$6,000. Architect, E. E. Young, 251 Kearny street, S. F. Owner, W. A. Breen. The building will be erected on the west side of 20th avenue north of Balboa, covering an area of 35 by 70 feet. Each flat will contain five rooms and bath. A garage will occupy the basement. Interiors will be finished in pine and hardwood

veneer with some hardwood floors. There will be open fire places in each living room. Mantel will be of tile or brick. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and shiplap. Plans are complete and work will be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,500. Architect, none. Owner, Charles W. Higgins, 1366 Shrader street, S. F. The building will be erected on 17th avenue north of California, covering an area of 26 by 60 feet, and has been designed to contain two modern flats of five and six rooms with bath. Interior finish will be of pine and redwood with some elm panels and hardwood floors. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and cement plaster with a brick veneer base. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Flats, 3 story and base, frame, \$7,000. Architect, E. E. Young, 251 Kearny street, S. F. Owner, Capt. George H. Goodell. The building will be erected on 3rd avenue near Hugo, covering an area of 25 by 80 feet and has been arranged to contain six flats of four and five rooms. Interiors will be finished in pine, redwood and elm panels. Hardwood floors will be used in the principal rooms. There will be open fire places in the living rooms. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 2, 2 story and base, frame, \$4,000 each. Architect, none. Owner, C. Rushton, 714 9th avenue, S. F. These buildings will each cover an area of 25 by 55 feet, and are to be erected on the west side of Ninth avenue near Cabrillo. Each building will contain two five-room flats. Interior finish will be of pine and redwood with some hardwood floors. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the buildings will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

GARAGES.

OAKLAND, CAL.—Garage, 1 story frame and concrete, \$20,000. Architect, Walter D. Reed, Oakland Bank of Savings Bldg., Oakland. Owner, Walter Arnstein. The building will be erected at the gore corner of Broadway and Webster streets, covering a considerable ground area. Besides the garage the building will contain several stores. There will be a concrete floor and patent store fronts. Interior finish will be of pine throughout. Exterior of the building will be faced with

cement plaster on metal lath. Working drawings are nearly complete and figures will be called for shortly.

GOVERNMENT WORK AND SUPPLIES.

Berkeley, Cal., Post Office.

The contract for the construction, including plumbing, gas piping, heating apparatus, electric conduits, wiring, and approaches, of the U. S. post office at Berkeley, Cal., using limestone for all stonework, except where granite and exterior marble are required, has been awarded to the Van Sant-Houghton Co., 503 Market street, San Francisco, Cal., at \$128,000; plus alternate 1, substituting marble for wood wainscot and making ceiling for alternate design in public lobby \$50; plus alternate 3, painting all plastered walls and finishing all ceilings, cornices, etc., in distemper, \$2,100; total, \$130,650; time to complete 16 months.

Penitentiary Harbor, Steel Work.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for erecting and painting all steel work for the coaling plant, naval station, Pearl Harbor, H. T.:

The Honolulu Planing Mill, Ltd., Honolulu, H. T., \$54,900.

The Spalding Construction Co., Rialto Building, San Francisco, Cal., \$37,000.

The Gerrick & Gerrick Co., Central Building, Seattle, Wash., \$16.95 per ton of 2,900 pounds.

W. N. Concanan Co., 925 Market street, San Francisco, Cal., \$69,718.

The Ritter-Conley Mfg. Co., Leetsdale, Pa., \$79,200.

Hamilton & Chambers, 29 Broadway, New York City, \$63,437.

The Lord-Young Engineering Co., Ltd., 12 Merchant street, Honolulu, H. T., \$61,000.

Reclamation No. 278.

Abstract of proposals for 3 triplex plunger pumps geared to motors, advertisement 278, San River Project, bids opened at 2 p. m., March 22 at Los Angeles, Cal.:

Rumsey & Co., Ltd., Seneca Falls, N. Y., \$600.15; 20 days at Seneca Falls, N. Y.

Smith-Booth-Usher Co., Los Angeles, Cal., \$619; 15 days at Seneca Falls, N. Y.

Terry Engine & Machine Co., Los Angeles, Cal., \$642; 30 days at Dayton, Ohio.

Rumsey & Co., Ltd., Seneca Falls, N. Y., \$690.15; 20 days at Seneca Falls, N. Y.

Smith-Booth-Usher Co., Los Angeles, Cal., \$693; 15 days at Seneca Falls, N. Y.

Deane Steam Pump Co., Holyoke, Mass., \$922.50; 30 days at Holyoke, Mass.

Pump and Frame Work.

Abstract of bids received in response to advertisement No. 272F, Salt River project, Ariz., for centrifugal pump and steel frame work, opened at Los Angeles, Cal.:

Item 1, pump; 2, frame work.

Krogh Mfg. Co., San Francisco, Cal., item 1, \$2,000, San Francisco, 50 days; 2, \$10 per foot.

United Iron Works, Oakland, Cal., item 1, \$2,260, Oakland, Cal., 45 days; 2, \$30.

Byron-Jackson Iron Works, Los Angeles, Cal., item 1, \$2,500, West Berkeley, Cal., 35 days; 2, \$12.

San Francisco Circular 141.

The following bids were received and awards made by the depot quartermaster, San Francisco, Cal., under office circular 141:

1. Bid 1, Crane Co., 2d and Brannan streets, San Francisco, Cal.

2. Dalziel-Moller Co., 543 Mission street, San Francisco, Cal.

3. Haines-Jones & Cadbury Co., 851 Folsom street, San Francisco, Cal.

4. Mark-Lally Co., 235 2d street, San Francisco, Cal.

5. Holbrook, Merrill & Stetson Co., 6th and Townsend streets, San Francisco, Cal.

6. Pacific Hardware & Steel Co., 7th and Townsend streets, San Francisco, Cal.

7. Dunham, Carrigan & Hayden Co., 140 Kansas street, San Francisco, Cal.

8. Yates & Co., 762 Folsom street, San Francisco, Cal.

9. Whittier-Coburn Co., Howard and Beale streets, San Francisco, Cal.

10. California Steam and Plumbing Supply Co., 671 5th street, San Francisco, Cal.

Item 1, 100 lbs putty—Bid 4, 4.35c lb; 8, 3.5c, accepted; 9, 4c.

2, 300lbs do, in 10-lb cans—Bid 4, 4.25c lb; 8, 3.3c, accepted; 9, 3.3c.

3, 200 lbs do, in 25-lb cans—Bid 4, 3.85c lb; 8, 3.3c, accepted; 9, 3.3c.

4, 50 lbs rivets, iron, F. H.—Bid 4, 5c lb, 30 days delivery, accepted; 7, 5c, 40 days.

5, 50 lbs do, R. H., 1/4-in—Bid 4, 5c lb, accepted; 7, 5c.

6, 50 lbs do, 4x3 1/2 in—Bid 4, 5c lb, accepted; 7, 5c.

7, 50 lbs do, 5-16x2 in—Bid 4, 5c lb; 6, 4.4c, accepted; 7, 5c.

8, 209 bibbs, plain, finished brass, 3/4-in, Boston—Bid 1, \$1.05 and 77c ea; 2, 95c; 3, 79c; 4, 75c, accepted; 5, \$1.14; 7, \$1.36; 10, 95c.

9, 17 tanks, automatic flush, 5-gal capacity—Bid 1, \$11 ea; 2, \$10; 3, \$10.20 and \$9.35; 4, \$10.90; 5, \$9.65; 10, \$9.80, accepted.

Pablo Canals, Lateral.

Proposals were received March 20 at St. Ignatius, Mont., for earthwork and tunnel, Pablo Canals, lateral 31-A. Platehead project, Mont. U. S. Reclamation Service, as follows:

1. Bid 1, Nelson Rich, Prosser, Wash.

2. Clifton-Applegate Co., Spokane, Wash.

3. A. L. Markus, Polson, Mont.

4. Beley & Kress Construction Co., Livingston, Mont.

Item 1, 3,000 cu yds excavation, class 1—Bid 1, 40c; 2, 47c; 3, 60c; 4, 45c.

2, 300 cu yds do, class 2—Bid 1, \$1; 2, 75c; 3, 75c; 4, 90c.

3, 100 cu yds do, class 3—Bid 1, \$2.50; 2, \$1.25; 3, \$1.50; 4, \$2.

4, 2,000 sta. yds overhaul (open cut only)—Bid 1, 2c; 2, 2c; 3, 2c; 4, 2c.

5, 130 lin ft tunnel in earth, including lining—Bid 1, \$38; 2, \$31; 3, \$45; 4, \$32.12.

6, 40 lin ft tunnel in rock, including lining—Bid 1, \$22; 2, \$26.75; 3, \$25; 4, \$35.85.

7, 350 lin ft tunnel in rock, without lining—Bid 1, \$14; 2, \$21.50; 3, \$20; 4, \$24.12.

8, 25 M ft, B. M., permanent timbering—Bid 1, \$40; 2, \$40; 3, \$40; 4, \$40.

3, 25 cu yds required additional concrete lining—Bid 1, \$16; 2, \$26; 3, \$10; 4, \$34.

Total—Bid 1, \$13,950; 2, \$16,515; 3, \$17,355; 4, \$17,921.60.

Metal Flume.

Contract has been awarded under authority of the Secretary of the Interior to the Hess Flume Co., of Denver, Colo., for furnishing 7,357 lin ft of metal flume for use on the projects of the Reclamation Service in the northern division. The total price under the proposal of the successful bidder for the material furnished is \$19,630.42, items 12 and 13 having been eliminated on account of substitution of concrete pipe for the proposed steel flume.

Cold Storage Plant, Pearl Harbor.

The bids opened on October 18, 1913, for ice-making and cold-storage equipment for the naval station, Pearl Harbor, Hawaii, as well as the bids opened November 1, 1913, for building for this machinery and equipment, have been rejected. The plans are to be revised and the work readvertised.

Reclamation Specification 283.

Abstract of proposals, Rio Grande project, No. 383 (transformers), opened at Los Angeles:

Item 1, 2 20-kva transformers; 2, 2 35-kva; 3, total.

Pittsburgh Transformer Co., Pittsburgh, Pa., item 1, \$244, 15 days, Pittsburgh; 2, \$365, 15 days, Pittsburgh; 3, \$4350.

General Electric Co., Los Angeles, Cal., item 1, \$245; Fort Wayne; 2, \$362, 40 days, Fort Wayne; 3, \$4,180.

Allis-Chalmers Co., Los Angeles, Cal., item 1, \$250, 20 working days, East Norwood; 2, \$436, 20 working days, East Norwood; 3, \$4,645.

Moloney Electric Co., St. Louis, Mo., item 1, \$130, 20 days, St. Louis; 2, \$126, 20 days, St. Louis; 3, \$3,500.

Wagner Electric and Mfg. Co., St. Louis, Mo., item 1, \$266, 35 days, St. Louis; 2, \$400, 35 days, St. Louis; 3, \$4,728.

General Electric Co., Los Angeles, Cal., item 1, \$282, 10 days, Pittsfield; 2, \$379, 10 days, Pittsfield; 3, \$4,240.

Vestinghouse Electric and Mfg. Co., Los Angeles, Cal., item 1, \$297.42, 35 days, East Pittsburgh; 2, \$461.04, 35 days, East Pittsburgh; 3, \$5,320.

HALLS & SOCIETY BLDGS—

COLUSA, COLUSA CO., CAL.—Hall of Records, 2 story and base, reinforced concrete, \$60,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Colusa County. The building will be erected on property adjoining the present County Court House, and has been designed in the classic style.

Construction will be fireproof throughout with reinforced concrete walls, floors, hollow tile interior partitions, metal window sash and frames and metal covered doors. Interior finish will be of pine and hardwood with considerable marble, tile and ornamental iron used. Special fireproof vaults will be installed. There will be a Rector system of heating. Exterior of the building will be faced with cement plaster. Plans are complete and will go out for figures shortly.

HOTELS.

OAKLAND, CAL.—Hotel, 7 story and base, steel and reinforced concrete, \$55,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner's name withheld. The building will be erected in the downtown business district, covering an area of 33 by 100 feet. There will be a store besides the hotel lobby in the first floor. Upper floors will contain a number of single rooms, nearly all of which will have private baths. Interior finish will be of pine throughout. Plans provide for steam heat, elevator service and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans will be completed shortly and figures will be taken.

OAKLAND, CAL.—Hotel, 7 story and base, steel and reinforced concrete, \$75,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner's name withheld. The building will be erected in the downtown district in the same block as another seven-story hotel structure mentioned in this issue. This building will cover an area of 50 by 80 feet. All guest rooms will have connecting baths. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Interior will be finished in pine and elm. There will be tile wainscot and composition floors in the bath rooms. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are nearly complete and figures will be called for shortly. One figure may be submitted including this and the other seven-story hotel.

OAKLAND, CAL.—Hotel fittings, etc., 7 story. Class A construction, \$135,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owners, Morris & Muller. The architect has completed plans for the hotel fittings and store fixtures for the seven-story class A hotel and store building now nearing completion at the northwest corner of 14th and Jefferson streets. Bids are now being taken on the above mentioned work.

SAN FRANCISCO—Hotel and stores, 3 story and base. Class C construction, \$20,000. Architects, P. Schwerdt & Co., Phelan Bldg., S. F. Owners, H. and I. Wolf. The building will be erected on Sixth street south of Howard, and has been arranged for stores on the first floor and a number of single rooms and baths on the upper two floors. Interior finish will be of pine throughout. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans have been revised and figures are now being taken from among the three lowest firms who originally figured the work.

LOS ANGELES, CAL.—Hotel, 5 story and base. Class B construction, \$115,000. Architect, John H. Brown, Hollingsworth Bldg., L. A. Owner, Dr. Hamilton Forline. The building will be erected on Figueroa street near Sixth, covering an area of 100 by 165 feet. There will be a number of modern stores on the first floor besides the hotel entrance and lobby. Upper floors will contain a total of 210 guest rooms, a large percentage of which will have private baths. Interior will

be finished in pine, redwood and hardwoods. There will be steam heat, elevator service, a vacuum cleaning plant and hot water supply. All bath rooms will be finished in tile. Metal window sash, frames and patent store fronts and specified. Exterior of the building will be faced with pressed brick. Preliminary plans have been prepared.

LOS ANGELES, CAL. — Hotel, 3 story and base, brick and steel. Cost not stated. Architect, Joseph H. Rhodes, Central Bldg., L. A. Owner, R. F. Bennett. The building has been designed to contain stores on the first floor and a total of 60 guest rooms and ten baths on the upper floors. A site on Ceres avenue near 5th street has been secured, covering an area of 38 by 100 feet. Interior finish will be of pine throughout. Plans provide for steam heat and a hot water supply. All bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

LOS ANGELES, CAL. — Hotel, 4 story and base, Class C construction. Cost not stated. Architects, Walker & Vawter, Hibernian Bldg., L. A. Owner, D. F. Hill. The building will be erected at the northwest corner of Sixth and Wall streets, covering an area of 79 by 120 feet, and has been designed to contain stores on the first floor besides the main hotel entrance and lobby. Upper floors will be arranged for a total of 110 guest rooms and 40 baths. Interior finish will be of pine and redwood. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LIBRARIES.

SACRAMENTO, CAL. — Library, 3 story and base, reinforced concrete, \$100,000. Architect, none. Owners, City of Sacramento. City Librarian L. W. Ripley of Sacramento has reported to the Library Trustees as to the most suitable type of building to be constructed. His report favors a reinforced concrete building three stories high with a frontage of 95 feet and a depth of 100 feet. About \$100,000 is available for construction and \$20,000 for equipment. No architect has been selected.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, Louis Creyer, 2030 Larkin street, S. F. The dwelling will be erected on 11th avenue near Judah, and has been designed for a six-room house with bath. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. There will be a large open fire place and tile mantel in the living room. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owner's name withheld. The dwelling has been designed for an eight-room house with two baths and will be erected on Commonwealth avenue in Jordan Park. Interior will be finished in pine with some elm panels. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors and will be equipped with showers. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner, Mrs. Helen S. Treat. The dwelling will be erected on 18th avenue between California and Lake streets, and has been designed for an eight-room house with two baths. Interior finish will be of pine and redwood with some hardwood floors. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and bids will be called for shortly.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, Paul F. De Martin, 2123 Powell street, S. F. Owner, Robert McGable. The house will be erected on 16th avenue north of Lake street, and has been designed for six large rooms and bath. Interior will be finished in pine and hardwood with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO — Residences, 3, 2 story and base, frame, \$3,000 each. Architect, none. Owner, Edward E. Manseau, 1278 35th avenue, S. F. These houses, designed to contain six rooms each, will be erected on 35th avenue north of Irving. Interiors will be finished in pine and redwood. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be open fire places in all living rooms. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior will be covered with cement plaster on metal lath and brick veneer bases. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Residences, 6, 2 story and base, frame, \$6,000 to \$9,000. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. These dwellings will be erected on property in various locations in both Oakland and Piedmont. Each house will contain from seven to nine rooms with from one to three

baths. Interior finish will be of pine, redwood and hardwood. Oak floors will be used in the principal rooms. All of the dwellings will have furnace heat and open fire places. Mantels will be of brick or tile. Automatic water heaters will be installed. Bath rooms will have composition floors and tile wainscot. Exterior will be covered with cement plaster on metal lath. Plans are being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, James Rountree, 5439 Ygnacio avenue, Oakland. The dwelling has been designed for a seven-room house, and will be erected at the corner of Belvedere and Ygnacio avenues. Interior will be finished in pine and redwood with some hardwood floors and elm panels. There will be a large open fire place in the living room with a tile mantel. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor. Materials are being purchased.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, R. A. McWilliams, 5345 Avala street, Oakland. The dwelling has been designed for a six-room house with bath and sleeping porch, and will be erected on Ricardo and Arroya avenues. Interior finish will be largely of pine. Hardwood floors will be used in the living room and dining room. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

ALBANY, ALA. CO., CAL.—Bungalow, 1 story, frame, \$2,500. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, Antonio Dutro. The house has been designed for a six-room dwelling with bath. Interior finish will be of pine and redwood. Oak floors will be used in the living room and dining room. There will be an open fire place with a tile mantel. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and shingles. Plans are complete and work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, H. L. Jonsson. The dwelling will be erected in Claremont, and has been designed for an eight-room house with two baths and a sleeping porch. Interior will be finished in pine and hardwoods. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$10,500. Architects, Hutchinson Bros., 470 13th street, Oak-

land. Owner, Mrs. Shores. The dwelling will be erected in East Piedmont Heights, and has been designed for an eight-room house with baths and sleeping porch. Interior finish will be of pine, redwood and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will have tile floors and wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, E. A. Kruse. The dwelling will be erected in Thousand Oaks Tract, and has been designed to contain eight rooms, two baths and sleeping porch. Interior will be finished in pine and hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BEVELDERE, MARIN CO., CAL.—Residence, 2 story and base, frame, \$10,000. Architect, Louis C. Mulgardt, Chronicle Bldg., S. F. Owner, J. W. Malliard. The dwelling has been designed for an eight-room house with two baths and sleeping porch. Interior finish will be of pine and hardwoods. There will be furnace heat and open fire places. Mantels will be of tile or brick. Hardwood floors will be used in the principal rooms. Bath rooms will be finished in tile. Automatic water heaters are specified. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

STOCKTON, SAN JOAQUIN CO., CAL.—Residence, 2 story and base, frame, \$10,000. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Father L. Murphy. The dwelling has been designed for a parochial residence and will contain eight rooms and two baths. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

STOCKTON, SAN JOAQUIN CO., CAL.—Residence, 1 story and base, frame, \$2,500. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owner, George Butterlick. The dwelling will be erected in the Sperry Addition, and will contain six rooms and bath. Interior finish will be of pine throughout. Oak floors will be used in the living and dining rooms. There will be an open fire place and tile mantel. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are complete and figures are being taken.

STOCKTON, SAN JOAQUIN CO., CAL.—Residence, 2 story and base, frame,

\$3,000. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owner, Walker Glenn. The dwelling will be erected in the Yosemite Terrace Tract and has been designed to contain seven rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater is specified. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

STOCKTON, SAN JOAQUIN CO., CAL.—Residence, 2 story and base, hollow tile, \$5,000. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owner, Ben R. Farrar. The dwelling will be erected in the Yosemite Terrace Tract, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot and floor. Exterior of the house will be covered with cement plaster. Plans are nearly complete and the work will be done by Day Labor.

SAN JOSE, SANTA CLARA CO., CAL.—Residences, 1 and 2 story, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: A. Desmet, 338 North 11th street, five-room cottage, \$2,000; Reese Williams, 415 South 15th street, six-room cottage, \$2,000, and P. O. Nelson, Imperial Hotel, five-room cottage, \$1,800.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, \$2,000. Architect, Alvin J. Stern, 1542 Broadway, Oakland. Owner, Charles S. Wheeler. The dwelling will be erected on Sunnyside avenue, and has been designed to contain six rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of tile or brick. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. An automatic water heater will be installed. Plans are complete and figures are being taken.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Claude B. Barton, Security Bank Bldg., Oakland. Owner, E. L. Reed. The dwelling has been designed for a six-room house and will be erected in Piedmont. Interior finish will be of pine and redwood with some hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and subfigures are being taken by the architect.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, William A. Newman, David Hewes Bldg., S. F. Owner, Ray J. Davis. The dwelling will be erected at the corner of Manor Drive and Holly street, and has been designed for a seven-room house with bath. Interior finish will be of pine and redwood with some hardwood floors. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

LIVERMORE, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Claude B. Barton, Security Bank Bldg., Oakland. Owner, J. C. McKown. The dwelling has been designed to contain seven rooms and bath. Interior finish will be largely of pine. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SACRAMENTO, CAL.—Residences, 1 story, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: A. S. Gibbens, 1043 McCullough avenue, 1 story, frame, \$1,000, and Silvia Lavenxi, 50th and J streets, four-room frame cottage, \$800.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame and plaster, \$30,000. Architect, Albert Farr, Foxcroft Bldg., S. F. Owner, Dr. Graham. The dwelling will contain in the neighborhood of fourteen rooms, three baths and sleeping porch. The design is in the Mission style. Interior finish will be of pine and hardwood with hardwood and inlaid floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. A vacuum cleaning and hot water system will also be installed. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the building will be covered with cement plaster on metal lath. A clay tile roof will be used. Plans are complete and figures are being taken.

RICHMOND, CONTRA COSTA CO., CAL.—Residences, 6, 1 and 2 story, frame, \$2,000 to \$3,500. Architect, none. Owners, California Home Building Co., 1321 MacDonald avenue, Richmond. These houses will be erected in different sections of the city and will contain from five to seven rooms. Interior finish will be largely of pine with some redwood. Oak floors will be used in the principal rooms. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exterior will be covered with rustic, shiplap and cement plaster. Plans are complete and in the hands of the owners who will do the work by Day Labor.

Contracts Awarded.

CAPISTRANO, ORANGE CO., CAL.—Residence, 2 story and base, hollow

tile construction, \$25,000. Architects, Walker & Vawter, Hibernian Bldg., L. A. Owner, Miss Grace Dolph. Contractor, John L. Conner, 435 West 31st street, L. A. Contract price, \$25,000.

PANAMA-PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Exhibit building, 2 story, frame and plaster. Cost not stated. Architect, Oakeshott, 417 Market street, room 267. Owners, State of Australia. Architect Oakeshott has arrived in this city with complete working drawings for the exhibit building to be erected by Australia and will shortly call for figures. The building will be one of the largest to be erected by the foreign countries. Further mention will be made when bids are called.

SAN FRANCISCO—State exhibit building, 2 story, frame and plaster. Cost not stated. Architect, Frederick Whitton, 251 Kearny street, S. F. Owners, State of Iowa. Frederick Whitton spent Monday with the Governor and delegates of the Iowa State Commission in selecting a site for the building. Plans will be prepared at once and construction will be carried on under the direction of Mr. Whitton. The building will be a two-story frame and plaster structure and will cost in the neighborhood of \$50,000.

SAN FRANCISCO—State Exhibit building, 2 story, frame and plaster. Cost not stated. Architect's name not given. Owners, State of Massachusetts. Plans submitted by the Massachusetts State Commissioners have been approved by the Division of Works of the Exposition Co., and figures will be called for at once. The structure will be a replica of the State Capitol at Boston. Commissioners C. O. Power and F. L. Wells, of the Massachusetts State Commission, are stopping at the St. Francis Hotel.

SAN FRANCISCO—Piled roadway and sheet piling bulkhead. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans have been completed for the construction of a piled roadway and sheet piling bulkhead at the Fulton Basin Gardens of the Exposition Grounds. Bids are now being called for and will be opened on April 21st. An official proposal appears in another column of this issue.

SAN FRANCISCO—Asphalt paving, etc. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition. Plans for laying a sheet asphalt wearing surface on the Main Concession Roadway and the Chestnut Street Plaza have been completed and are now out for figures. Bids will be opened on April 28th. Plans and specifications can be secured from the office of the Director of Works. An official proposal appears in another column of this issue.

Contracts Awarded.

SAN FRANCISCO—State Exhibit building, 1 story, frame and plaster, \$20,000. Architect's name not given. Owners, State of North Dakota. Contractors, Streiblow, Freeze & Peterson, S. F. Contract price, \$20,000.

SAN FRANCISCO—Exhibit building, 2 story frame and plaster. Cost not stated. Architect, August Nordin, Mills Bldg., S. F. Owners, Sweden.

Contractors, Lange & Bergstrom, Sharon Bldg., S. F. Contract price, \$20,000.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO—Railroad track work, moving freight sheds, etc. \$30,000. Architects, Engineering Department, Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. The Southern Pacific Co. will start work at Third and Townsend streets within a few days. The first work to be undertaken will be the moving of six sheds, a portion of the old passenger depot and construction of temporary office quarters. The company fixes the cost of this work at \$30,000. Bids may be called for or the work be done by the company under the Day Labor system.

SCHOOLS.

SUISUN, SOLANO CO., CAL.—School, 2 story and base, reinforced concrete, \$10,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Suisun Grammar School District. The building will be a two-story and basement structure designed in the classic style and of semi-fireproof construction. There will be eight class rooms, large assembly hall and principal's office. Interior finish will be of pine with maple floors in the class rooms. Plans provide for steam heat, oil burning furnace and a modern system of ventilation. Program clocks and vacuum cleaning are also specified. Exterior of the building will be faced with cement plaster. Plans are complete and bids will be called for as soon as bonds can be sold.

FRESNO, FRESNO CO., CAL.—State Normal School, 2 story and base, brick and steel, \$300,000. Architect, State Architect George R. McDougall, Sacramento. Owners, State of California. Final plans for the main building have been forwarded to Fresno and have received the approval of the Superintendent. These plans show a large structure in the shape of the letter H. Bids will be called for as soon as plans and specifications receive the approval of the State Board of Control.

SACRAMENTO, CAL.—School, 1 and 2 story and base, reinforced concrete, \$200,000. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Sacramento. The Board of Education has approved the final plans of Architect Donovan for the new building to be erected on the property at the corner of Cypress and Madrone avenues. The building has been designed on a combination primary and grammar school. Bids will be called for shortly. Further mention will be made of the work.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Stores and lofts 6 story and base. Class A construction. Cost not stated. Architect, Alfred Henry Jacobs, 110 Sutter street, S. F. Owner, Charles Schlesinger. The building will be erected on the south side of Market street just west of Second street, having a frontage of 20 feet on Market street and a depth of about 120 feet. The property is one of the last pieces of unimproved Market street property. The construction

will be class A with a complete steel frame and brick curtain walls. Upper floors will be arranged for lofts, but so designed that they may be turned into offices without much further outlay. Interior finish will be of pine. There will be steam heat, freight and passenger elevators, a hot water supply and metal window sash and frames. Patent store fronts are also specified. Exterior of the building will be faced with pressed brick and terra cotta. Plans are nearly complete and figures will be called for at once.

SAN FRANCISCO—Stores and dance hall, 2 story and base, brick and steel, \$30,000. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, Henry Investment Co. The building will be erected at the northwest corner of Capp and 16th streets, covering an area of 73 by 143 feet. The first floor will be arranged for a number of stores, while the entire second floor will be given over to a dance hall. Interior finish will be of pine with a maple floor in the dance hall. There will be steam heat. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SAN FRANCISCO—Stores, 1 story and base, brick, \$12,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, The Eisenbach Co. The building will be erected on the south side of Sutter street west of Jones, having a frontage of 35 feet and a depth of 88 feet. There will be several modern stores with plate glass display windows and patent store fronts. Floor will be of cement. Pine and hardwood interior finish are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SAN FRANCISCO—Bakery, 1 story and base, brick, \$6,000. Architect Matthew O'Brien, Foxcroft Bldg., S. F. Owner, James L. McLaughlin, 241 Kearny street. The building will be erected on the north side of Jessie street west of 7th, covering an area of 50 by 80 feet. Interior will be finished in pine. A cement floor will be used. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

STOCKTON, SAN JOAQUIN CO., CAL.—Stores and lofts, 3 story and base, brick and steel. Cost not stated. Architect, Walter King, Elks' Bldg., Stockton. Owner, Dr. W. W. Stockwell. The building will cover a considerable area and has been designed for stores on the first floor and lofts above. Interior finish will be of pine throughout. Patent store fronts are specified. Modern plumbing and electric work are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LAS ANGELES, CAL.—Stores and offices, 8 story and base. Class A construction, \$100,000. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, William G. Kerckhoff. The building will be erected at the northwest corner of Sixth and Los Angeles streets, covering an area of 121 by 143 feet. There will be nine stores on the first floor, light lofts on the second and third floors. The Santa Fe Railroad Co. has taken a long-term lease on the upper five floors which will be arranged for offices.

Construction will be of the reinforced concrete type with reinforced concrete walls, floors, roof slabs and stairways. Interior will be finished in birch throughout with marble and tile floors and wainscot in the corridors and lobby. Plans provide for steam heat, four passenger and one freight elevator, hot water system, vacuum cleaning and mail chutes. Metal window sash and frames and hollow tile and metal lath and plaster partitions will be used. There will be patent store fronts and sidewalk doors, lifts and lights. Exterior of the building will be faced with enameled brick. Plans are complete and figures are now being taken.

THEATRES.

SAN FRANCISCO—Theatre, 1 story and base brick and frame, \$6,000 or more. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner's name withheld. The building will be erected in what is known as Carville, near the beach. It has not been fully determined whether brick or frame construction will be used. Interior will be finished in pine with some ornamental plaster. The theatre will seat about 400 people. Exterior will be covered with cement plaster. Only preliminary plans have been prepared. Further mention will be made of the work.

OAKLAND, CAL.—Theatre 1 story, frame and plaster, \$3,000. Architect, Harvey P. Smith, Blake Bldg., Oakland. Owner, A. Saba. The building, designed for a moving picture theatre, will be erected at the corner of 7th and Adeline streets, covering an area of 20 by 80 feet. Interior finish will be of pine throughout. A modern system of ventilation will be installed. Special electric work is specified. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SEALED PROPOSALS.

PROPOSALS FOR BUILDING.

BUILDING AND FIREPROOFING.—Sealed proposals, indorsed "Proposals for Fireproofing 'Pattern Shop,'" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. May 2, 1914, and then and thereafter opened. For partial reconstruction and fireproofing building No. 59 at the navy yard, Puget Sound, Wash. Estimated cost, \$12,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard, Bremerton, Wash. E. R. STANFORD, chief of bureau.

PROPOSALS FOR INTERIOR DECORATIONS.

INTERIOR DECORATIONS.—Treasury Department Supervising Architect's Office, Washington, D. C.—Sealed proposals will be received at this office until May 1, 1914, for interior decorations, U. S. court house, San Francisco Cal. For further information address O. WENDEROTH supervising architect.

PROPOSALS FOR STEEL.

STEEL FOR MARINE RAILWAY.—Bureau of Yards and Docks, Navy Department, Washington, D. C.—The date for opening proposals for structural steel for marine railway for naval academy, Pearl Harbor, Hawaii, specification No. 2026, is postponed from April 4 to May 4, 1914. W. M. SMITH acting chief of bureau.

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PROPOSALS FOR BUILDING.

BUILDING, ETC.—Sealed proposals indorsed "Proposals for Chief Operator's Quarters" will be received at the bureau of yards and docks, Navy Department, Puget Sound, Wash., until 11 o'clock a. m. May 3, 1914, and then and thereafter opened, for chief operator's quarters at the United States naval radio station, Tatooch Island, Wash. Estimated cost, \$3,500. Plans and specifications can be obtained on application to the bureau or to the commandant of the Puget Sound navy yard, Bremerton, Wash. H. R. STANFORD, chief of bureau.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 839.—Proposals for Refrigerating Machines, Drinking Fountains, Untreated and Cressonated Lumber and Cressonated Piled. Sealed proposals will be received at the office of the general purchasing officer, Panama Canal, Washington, D. C., until 10:30 a. m. April 24, 1914. The time they will be opened in public for furnishing the above mentioned articles. Blanks and general information relative to Circular 839 may be obtained from this office or the office of the assistant purchasing agent, 1036 North Point street, San Francisco, Cal.; also from the U. S. engineer's offices in the following cities: Seattle, Wash., Los Angeles, Cal. F. C. BOGGS major, corps engineers, U. S. A., general purchasing officer.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 10:00 a. m. Tuesday, April 21, 1914, for Piled Roadways and Sheet Piling Bulkhead, Fulton Basin Gardens in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER, Chairman.

PROPOSALS FOR STEEL BARS.

STEEL BARS.—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals

will be received at the office of the U. S. Reclamation Service, Washington, D. C., until 2 o'clock p. m. April 15, 1914, for furnishing about 2,610,620 pounds of steel wire rods and steel reinforcement bars. F. H. NEWELL, director.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 10:00 a. m. Tuesday, April 22, 1914, for Sheet Asphalt Veneering Surface of the Main Concessions Roadway of the Chestnut Street Plaza in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER, Chairman.

PROPOSALS FOR MARBLE.

OFFICE OF THE BOARD OF PUBLIC WORKS OF THE City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock a. m. and 3 o'clock p. m. on Wednesday, the 29th day of April, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit: The marble work for the City Hall. Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within four hundred (400) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed as follows:

Proposition No. 1—	\$75,000.00.
Proposition No. 2—	\$50,000.00.
Proposition No. 3—	\$50,000.00.
Proposition No. 4—	\$50,000.00.
Proposition No. 5—	\$60,000.00.
Proposition No. 6—	\$30,000.00.
Proposition No. 7—	\$100,000.00.
Proposition No. 8—	\$100,000.00.
Proposition No. 9—	\$100,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order

of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposals.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect. All proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. **RICHARD J. CLANE,** Secretary.

**STATE OF CALIFORNIA.
DEPARTMENT OF ENGINEERING.
CALIFORNIA HIGHWAY COMMISSION
NOTICE TO CONTRACTORS.**

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Fourth Bldg., Sacramento, Cal., until the time herein-after noted, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, portions of State highway as follows:

Until 2 o'clock P. M., April 27, 1914.
Siskiyou County from Hornbrook to the Oregon Line (II-Sis-3-C), about 8 miles in length, to be graded.
Shasta County from La Moine to Hazel Creek P. O. (II-Sha-3-D), about 9.5 miles in length, to be graded.

Tehama County from the southerly boundary to Corning (II-Teh-7-A), about 8.5 miles in length, to be built of Portland cement concrete.

Butte County from Lando Channel to the northerly boundary (III-But-3-D), about 11.2 miles in length, to be built of Portland cement concrete.

Glenn County from Grapitt to the northerly boundary (III-Gle-7-C), about 7 miles in length, to be built of Portland cement concrete.

Sonoma County from the northerly boundary to Cloverdale (IV-Son-1-A), about 4.5 miles in length, to be graded.

Plans may be seen, and terms of proposals, bonds, contract, and specifications may be obtained, at the said office and they may be seen at the offices of the Division Engineers of the divisions in which the work is situated. The Division Engineers' offices are located at Willits, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to each blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

**CHARLES D. BLANLYN,
NEWELL D. DARLINGTON,
CHARLES F. STERN**

California Highway Commission.
AUSTIN B. FLETCHER,
Highway Engineer.

WILSON R. ELLIS,
Secretary. (*)

Filed March 25, 1914.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., March 27, 1914.—SEALED PROPOSALS will be opened in this office at **1 P. M., May 6, 1914,** for the construction complete (including mechanical equipment, interior lighting fixtures and approaches) of the United States Post Office at Grass Valley, Cal. The building is one story and basement, with a ground area of approximately 14,000 square feet, stone facing, slate roof, nonfireproof construction. Drawings and specifications may be obtained from the custodian of site at Grass Valley, Cal., at this office, in the discretion of the Supervising Architect, O. WENDEROTH, Supervising Architect. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including **12 o'clock, noon, Tuesday, April 21st, 1914,** said bids then and there to be publicly opened and read for furnishing all plant, materials and

labor, and doing the work required for the construction and erection of the elevator work of the building known as the Female Building, at the Stockton State Hospital, Stockton, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Five Dollars (\$5.00) will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope "Proposals for Elevator Work, Stockton State Hospital, Stockton, California."

(Signed) **W. F. McCLURE,** State Engineer. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including **12 o'clock, noon, Monday, April 27, 1914,** said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the Nurses Home, Female, at the Agnews State Hospital, Agnew, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope "Proposals for Nurses Home, Agnews State Hospital, Agnew, California."

(Signed) **W. F. McCLURE,** State Engineer. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including **12 o'clock, noon, Tuesday, April 28, 1914,** said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the Nurses Cottage—Female—at the Agnews State Hospital, Agnew, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any

and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope "Proposals for Nurses Cottage—Female—at the Agnews State Hospital, Agnew, California."

(Signed) **W. F. McCLURE,** State Engineer. (*)

PROPOSALS FOR SALE OF VESSELS.

SALE OF U. S. NAVAL VESSELS.—

Sealed proposals will be received at the bureau of supplies and accounts, Navy Department, Washington, D. C., until **12 o'clock, noon, May 14, 1914,** when they will be publicly opened for the purchase of the following vessels: U. S. S. Manila, at navy yard, Mare Island, Cal., appraised value \$10,000; U. S. S. Fleetless, at naval torpedo station, Newport, R. I., appraised value \$2,000. The Manila will be sold for cash to the highest bidder and the Fleetless to the bidder offering the highest price above the appraised value. Forms of proposal and bond and information concerning the vessels and the terms and conditions of sale may be obtained upon application to the bureau of supplies and accounts. **JOSEPHUS DANIELS** Secretary of the Navy.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including **12 o'clock, noon, Thursday, April 23rd, 1914,** said bids then and there to be publicly opened and read for furnishing all plant, materials and labor and doing the work required for the construction and erection of a building to be known as Ward 25, Stockton State Hospital, Stockton, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope "Proposals for Ward 25, at the Stockton State Hospital Stockton, California."

(Signed) **W. F. McCLURE,** State Engineer. (*)

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal., April 11, 1914.—SEALED PROPOSALS, in triplicate, for constructing Quartermaster's Stables at the Presidio, San Francisco, Cal., will be received until 11 A. M., May 11, 1914, and then opened. Plans and specifications will be furnished here. Deposit of \$25.00 required to insure return of plans, etc. Proposals to be enclosed in sealed envelopes and addressed to **W. H. GED, McK. WILLIAMSON, Q. M. C.**

INCORPORATIONS.

California Muvan Co., Capital Stock, \$100,000; subscribed, \$5; shares, \$1 each. Directors—W. S. Brano, C. A. Turner, F. Artiguen, C. P. Knights, H. H. Maundrell, 1 share each. Place of business, San Francisco.

International Sales Corporation Capital stock, \$10,000; subscribed, \$3; shares, \$1 each. Directors—J. E. Morgan, J. A. Stuart, E. E. Itagdale, 1 share each. Place of business, S. F.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the far part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

EXHIBIT BUILDING—2 story, frame and plaster. Cost not stated. San Francisco. Architect, Oakeshott, 417 Market street, room 207. Owners, State of Australia. Architect Oakeshott has arrived in this city with complete working drawings for the exhibit building to be erected by Australia and will shortly call for figures. The building will be one of the largest to be erected by the foreign countries. Further mention will be made when bids are called.

STATE EXHIBIT BUILDING—2 story, frame and plaster. Cost not stated. San Francisco. Architect, Frederick Whitton, 251 Kearny street. S. F. Owners, State of Iowa. Frederick Whitton spent Monday with the Governor and delegates of the Iowa State Commission to the Panama-Pacific Exposition in selecting a site for the building. Plans will be prepared at once and construction will be carried on under the direction of Mr. Whitton. The building will be a two-story, frame and plaster structure, and will cost in the neighborhood of \$50,000.

STATE EXHIBIT BUILDING—2 story, frame and plaster. Cost not stated. San Francisco. Architect's name not given. Owners, State of Massachusetts. Plans submitted by the Massachusetts State Commissioner have been approved by the Division of Works of the Exposition Co., and figures will be called for at once. The structure will be a replica of the State Capitol at Boston. Commissioners C. O. Power and F. L. Wells of the Massachusetts State Commission are stopping at the St. Francis Hotel.

APARTMENT HOUSE—3 story and base frame, \$20,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Rousseau Realty Co. The building will be erected at the southeast corner of Page and Fillmore streets, covering an area of 30 by 81 feet. The building has been arranged for one store on the first floor besides the entrance to the apartments. Upper floors will be arranged for seven suites of two, three and four rooms. All apartments will have wall beds and private bath rooms. Interiors will be finished in pine and elm panels. Some oak floors will be used. There will be steam heat and a hot water system. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with brick veneer. Plans are complete and figures are being taken.

APARTMENT HOUSE ALTERATION—3 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, Patrick Lynch, 1116 Hampshire street, S. F. This work will consist of the alteration of a two-story frame building at 571 Natoma street into a three-story apartment house. Suites will be of two and three room type. There will be new interior trim, plumbing, electric work and plaster-

ing. The outside of the building will be covered with rustic and shiplap. Plans are in the hands of the owner and work will be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, G. Romano. The building will be erected on Pacific street near Taylor and will contain six suites of two and three rooms. Interiors will be finished in pine and redwood. There will be wall beds and private baths. Plans also provide for a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken. Bids will close in one week.

APARTMENT HOUSE—3 story and base, frame, \$15,000. San Francisco. Architect, none. Owner, E. M. Fritz, 1101 Masonic avenue, S. F. The building will be erected at the northeast corner of Frederick and Delmar streets, covering an area of 29 by 105 feet. Interior has been arranged for a total of eleven suites of two, three and four rooms. All interior finish will be of pine and hardwood. Suites will have private bath rooms and wall beds. Plans provide for steam heat and a hot water supply. Bath rooms will have composition floors and tile wainscot. Portable vacuum cleaners will be installed. Exterior of the house will be covered with cement plaster on metal lath. A klinker brick base is also specified. Plans are complete and work will be done by Day Labor. All materials are now being purchased.

APARTMENT HOUSE—4 story and base, reinforced concrete, \$20,000. San Francisco. Architect, T. Patterson, 310 California street, S. F. Owner, S. Zussman. The building will be erected on the north side of Post street west of Larkin. There will be a number of two and three room suites all of which will have private bath rooms and wall beds. Interior finish will be of pine and redwood with some elm panels and oak floors. Plans provide for steam heat and a hot water supply. An automatic elevator will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with cement plaster. Plans are complete and a contract will be awarded shortly.

APARTMENT HOUSES—2, 3 story and base, frame, \$12,000 each. San Francisco. Architect, none. Owner, J. Sockolov, 1857 O'Farrell street, S. F. These two buildings will be erected on adjoining property on the north side of California street east of Branderick and will cover an area of 40 by 122 feet. The two buildings will contain a total of 12 suites of three and four rooms. Interior finish will be of pine and elm panels with beam ceilings and some hardwood floors. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and

composition floors. All apartments will be equipped with wall beds. Exterior of the buildings will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, Louis Creyer, 2030 Larkin street, S. F. The dwelling will be erected on 11th avenue near Judah street, and has been designed for a six-room house with bath. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. There will be a large open fire place and tile mantel in the living room. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are being purchased.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco. Architect, Charles C. Frye, 26 Montgomery street, S. F. Owner's name withheld. The dwelling has been designed for an eight-room house with two baths and will be erected on Commonwealth avenue in Jordan Park. Interior will be finished in pine with some elm panels. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors and will be equipped with showers. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco. Architect, William H. Crim, Jr., 125 Kearny street, S. F. Owner, Mrs. Henel S. Treat. The dwelling will be erected on 18th avenue between California and Lake streets, and has been designed for an eight-room house with two baths. Interior finish will be of pine and redwood with some hardwood floors. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and bids will be called for shortly.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, Robert McGallie. The house will be erected on 16th avenue north of Lake street, and has been designed for six large rooms and bath. Interior will be finished in pine and hardwood with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are being prepared.

RESIDENCE—3, 2 story and base, frame, \$3,000 each. San Francisco. Architect, none. Owner, Edward E. Minnseu, 1278 35th avenue, S. F. These houses, designed to contain six rooms

each, will be erected on 35th avenue north of Irving. Interiors will be finished in pine and redwood. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be open fire places in all living rooms. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior will be covered with cement plaster on metal lath and brick veneer bases. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

CHURCH—2 story and base. Class C construction, \$60,000. San Francisco. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owners, Second Church of Christ, Scientist. The building will be erected at the corner of Dolores and Cumberland streets, and has been designed in the classic style. The main auditorium will have a seating capacity of 1,000 people. Interior finish will be of pine and ornamental plaster. There will be a central heating system. Art and leaded glass is also specified. Exterior of the building will be faced with pressed brick. Working drawings are nearly complete and bids will be called for within a month. Further mention will be made of the work.

CENTRAL FIRE ALARM STATION—Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for this building show the Clinton Fireproofing Co low at \$36,500. They will probably be awarded the contract. A complete list of the bids received will be found under the heading of San Francisco in this issue.

WAREHOUSE—2 story and base, brick and steel, \$27,000. San Francisco. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner, C. G. Lathrop. The building will be erected at the southeast corner of 19th and Bryant streets, and will have a frontage on one street of 96 feet and of 150 feet on the other. Interior finish will be of pine throughout. Construction will be of the extra heavy type. Plans provide for metal window sash and frames and fireproof doors. There will be an elevator and spiral chutes. Exterior will be faced with pressed brick. Plans are complete and figures are now being taken.

FLATS—5, 2 story and base, frame, \$20,000. San Francisco. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner, John McConaghy. These houses will be erected at the corner of Army and Serpentine streets on adjoining property. Each building has been designed to contain two modern flats of five and six rooms with bath. Interiors will be finished in pine and redwood. Some oak floors will be used. There will be open fire places in each of the living rooms. Mantels will be of tile. Automatic water heaters will be installed. Bath rooms will have tile wainscot and composition floors. Exterior will be covered with rustic and cement plaster on metal lath. Plans are being prepared.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architect, none. Owner, Thomas Finlayson, 552

6th avenue, S. F. The building will be erected on the east side of Belvedere street north of 17th and has been designed to contain two flats of five and six rooms with bath. Interiors will be finished in pine and redwood with some elm panels and oak floors. There will be large open fire places and tile mantels. Automatic water heaters will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor. Materials are now being purchased.

FLATS—2 story and base, frame, \$6,000. San Francisco. Architect, E. E. Young, 251 Kearny street, S. F. Owner, W. A. Breen. The building will be erected on the west side of 20th avenue north of Balboa, covering an area of 25 by 70 feet. Each flat will contain five rooms and bath. A garage will occupy the basement. Interiors will be finished in pine and hardwood veneer with some hardwood floors. There will be open fire places in each living room. Mantels will be of tile or brick. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and shiplap. Plans are complete and work will be done by Day Labor.

FLATS—2 story and base, frame, \$4,500. San Francisco. Architect, none. Owner, Charles W. Higgins, 1306 Shrader street, S. F. The building will be erected on 17th avenue north of California, covering an area of 26 by 60 feet, and has been designed to contain two modern flats of five and six rooms with bath. Interior finish will be of pine and redwood with some elm panels and hardwood floors. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and cement plaster with a brick veneer base. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

FLATS—3 story and base, frame, \$7,000. San Francisco. Architect, E. E. Young, 251 Kearny street, S. F. Owner, Capt. George H. Goodell. The building will be erected on 3rd avenue near Hugo, covering an area of 25 by 80 feet, and has been arranged to contain six flats of four and five rooms. Interiors will be finished in pine, redwood and elm panels. Hardwood floors will be used in the principal rooms. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RAILROAD TRACK WORK, MOVING FREIGHT SHEDS, ETC.—\$30,000. San Francisco. Architects, Engineering Department, Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. The Southern Pacific Co. will start work at Third and Townsend streets within a few days. The first work to be under taken will be the moving of six sheds, a portion of the

old passenger depot and construction of temporary office quarters. The company fixes the cost of this work at \$30,000. Bids may be called for or the work may be done by the company under the Day Labor system.

STORES AND LOFTS—6 story and base. Class A construction. Cost not stated. San Francisco. Architect, Alfred Henry Jacobs, 110 Sutter street, S. F. Owner, Charles Schlesinger. The building will be erected on the south side of Market street just west of Second street, having a frontage of 30 feet on Market street and a depth of about 120 feet. The property is one of the last pieces of unimproved Market street property. Construction will be class A with a complete steel frame and brick curtain walls. Upper floors will be arranged for lofts, but so designed that they may be turned into offices without much further outlay. Interior finish will be of pine. There will be steam heat, freight and passenger elevators, a hot water supply and metal window sash and frames. Patent store fronts are also specified. Exterior of the building will be faced with pressed brick and terra cotta. Plans are nearly complete and figures will be called for at once.

STORES AND DANCE HALL—2 story and base, brick and steel, \$30,000. San Francisco. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, Henry Investment Co. The building will be erected at the northwest corner of Capp and 16th streets, covering an area of 73 by 143 feet. The first floor will be arranged for a number of stores, while the entire second floor will be given over to a dance hall. Interior finish will be of pine with a maple floor in the dance hall. There will be steam heat. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

STORES—1 story and base, brick, \$12,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, The Eisenbach Co. The building will be erected on the south side of Sutter street east of Jones, having a frontage of 35 feet and a depth of 85 feet. There will be several modern stores with plate glass display windows and patent store fronts. Floors will be of cement pine and hardwood interior finish are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

THEATRE—1 story and base, brick or frame, \$6,000 or more. San Francisco. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner's name withheld. The building will be erected in what is known as Carville, near the beach. It has not been fully determined whether brick or frame construction will be used. Interior will be finished in pine with some ornamental plaster. Only preliminary plans have been prepared. Further mention will be made of the work.

PILED ROADWAY AND SHEET PILING BULKHEAD—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans have been completed for the construction of a piled roadway and sheet piling bulkhead at the

Fulton Basin Garage on the Exposition Grounds. Bids are now being called for and will be opened on April 21st. An official proposal appears in another column of this issue.

APARTMENT HOUSE—3 story and base, frame, \$16,000. San Francisco. Architect, M. Mattanovich, David Hewes Bldg., S. F. Owner, Mrs. Ryan. The building will be erected on the west side of Cole street near Fulton and has been designed to contain six suites of four rooms and bath each. Interior will be finished in pine and hardwood with oak floors in the living rooms. There will be steam heat, a hot water supply and portable vacuum cleaners. Bath rooms will have tile floors and wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE—4 story and base, Class C construction. Cost not stated. San Francisco. Architect, David C. Coleman, Merchants' National Bank Bldg., S. F. Owner, Mr. Osborn, Clunie Bldg. The building will be erected on Leavenworth street adjoining the corner of Geary. Plans provide for a total of 90 rooms arranged in two and three room suites with private baths. Interior finish will be of pine and elm. There will be steam heat and a hot water supply. An automatic elevator will also be installed. Bath rooms will have tile wainscot and composition floors. All apartments will be equipped with wall beds. Exterior of the building will be faced with cement plaster. Plans are being prepared.

WAREHOUSE—2 story and base, brick and steel, \$10,000. San Francisco. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner, C. G. Lathrop. The building will be erected at the southwest corner of 19th and York streets, covering an area of 40 by 96 feet. Interior will be finished in pine. There will be metal window sash and frames and spiral chutes. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken on the work.

ICE AND COLD STORAGE PLANT—2 story and base, brick and steel, \$150,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, P. E. Knowles. The building will be erected at the corner of Bryant and 15th streets, covering an area of 120 by 200 feet. The plant is intended for one of the largest and most modern ice and cold storage plants on the coast and will be equipped with the latest and most approved machinery. Interior of the building will be finished in pine. Metal window sash and frames are specified. Exterior will be faced with red pressed brick trimmed with granite. Plans are complete and all contracts will be let by the owner. Brick work is now being figured.

PLATS—2, 2 story and base, frame \$1,000 each. San Francisco. Architect, none. Owner, C. Rushton, 714 9th avenue, S. F. These buildings will each cover an area of 25 by 55 feet, and are to be erected on the west side of Ninth avenue near Cabrillo. Each building will contain two five-room flats. Interior finish will be of pine and redwood with some hardwood floors. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and

composition floors. Automatic water heaters will be installed. Exterior of the buildings will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

HOTEL AND STORES 3 story and base, Class C construction, \$20,000. San Francisco. Architects, P. Schwerdt & Co., Phelan Bldg., S. F. Owners, H. and I. Wolf. The building will be erected on Sixth street south of Howard and has been arranged for stores on the first floor and a number of single rooms and baths on the upper two floors. Interior finish will be of pine throughout. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans have been revised and figures are now being taken from among the three lowest firms who originally figured the work.

ASPHALT PAVING, ETC.—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition. Plans for laying a sheet asphalt wearing surface on the Main Concession Roadway and the Chestnut Street Plaza have been completed and are now out for figures. Bids will be opened on April 25th. Plans and specifications can be secured from the office of the Director of Works. An official proposal appears in another column of this issue.

BAKERY—1 story and base, brick, \$6,000. San Francisco. Architect, Matthew O'Brien, Foxcroft Bldg., S. F. Owner, James L. McLaughlin, 244 Kearny street. The building will be erected on the north side of Jessie street west of 7th, covering an area of 50 by 80 feet. Interior will be finished in pine. A cement floor will be used. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

Contracts Awarded.

STATE EXHIBIT BUILDING—1 story frame and plaster, \$20,000. San Francisco. Architect's name not given. Owners, State of North Dakota. Contractors, Sirehlow, Freeze & Peterson, S. F. Contract price, \$20,000.

APARTMENT HOUSE ALTERATION AND ADDITION—3 story, frame, \$8,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owners, Mr. and Mrs. L. S. Church. Contractor, J. Eric Johanson, 2726 20th street, S. F. Contract price, \$7,000.

EXHIBIT BUILDING—2 story, frame and plaster. Cost not stated. San Francisco. Architect, August Nordin, Mills Bldg., S. F. Owners, Sweden. Contractors, Lange & Bergstrom, Sharon Bldg., S. F. Contract price, \$30,000.

City Bids Opened.

Central Fire Alarm Station in Jefferson Square Attracts Sixteen Bidders For The Work.

The Clinton Fireproofing Co. submitted the lowest figure at the Wednesday afternoon meeting of the Board of

Public Works for the construction of the reinforced concrete building to be used as a central fire alarm station and which will be erected in Jefferson Square. Sixteen bids in all were submitted. Following is a complete list of the figures:

Fire Alarm Station.

Carnahan & Mulford.....	\$42,151
Fringie, Dunn & Co.....	46,800
O. C. Holt.....	42,020
Elmer Carlson.....	42,500
T. W. McClenahan Co.....	41,230
W. A. Newsum.....	38,980
Blukome & Co.....	45,680
F. Gallagher.....	43,280
Frank M. Garden Co.....	39,873
J. W. Carr.....	40,000
Monson Bros.....	39,937
Howard S. Wilson.....	37,350
Clinton Fireproofing Co.....	36,560
C. L. Wold.....	39,950
Grant Pee.....	43,790
R. A. Chisholm.....	44,434

Bids were also opened at the same meeting for furnishing machine equipment for the Municipal pipe yards. Harron, Rickon & McCone were the only bidders for a horizontal bending machine at \$30,096 with additional equipment at \$3,096. Two bids were received for a portable electric track drill: Eccles & Smith bid \$240, and the Pacific Tool Supply Co. bid \$265. The following bids were received for furnishing a circular saw cold metal cut-off machine:

Circular Saw Cut off Machine.

Manning, Maxwell & Morre.....	\$1,319
Pacific Rolling Mills.....	1,625
Eccles & Smith.....	1,145
Berger & Carter.....	1,063
Pacific Tool Supply Co.....	725

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Amt.
1125	Olsen	Carlson	1700
1126	Porrazzo	Lima	3000
1127	Hooper	Hooper	3600
1128	Solari	Demartini	6900
1129	Antipa	Sarrallie	2050
1130	Arton	Loveland	5350
1131	Harder	Woolfrey	2000
1132	Lynch	Lynch	3000
1133	Harder	Woolfrey	2000
1134	Same	Same	20000
1135	Same	Same	2000
1136	Bergren	Bergren	2800
1137	Creyer	Creyer	3000
1138	Finlayson	Finlayson	5000
1139	Proctor	Proctor	7800
1140	Hooker	Martin	5500
1141	Heuter	Stand Elec	500
1142	Same	Looney	3600
1143	Flood	Stewart	1625
1144	Same	Pac Mfg	6773
1145	Same	Am M & M	1500
1146	Gartenbach	Gartenbach	1000
1147	Meyer	Meyer	1000
1148	Powers	Powers	500
1149	Hendrickson	Capital Mtd	500
1150	Same	Moller	500
1151	Wickstrum	Ward	500
1152	Keong	McClenahan	1000
1153	Wright	Wright	550
1154	Goertley	Neck	500
1155	Gtr City Lbr	Grahn	1500
1156	Spence	Feerick	1800
1157	Same	Same	1875
1158	Salou	Becass	2550
1159	Torney	Martin	3213
1160	Del Sarto	Perone	7000
1161	Hilderson	Hilderson	4650
1162	Levy	Fletcher	2180
1163	Del Ryana	Sterner	9500
1164	Yellowstone	Monk	54000
1165	Rippe	Laumann	1875
1166	Breen	Breen	6000
1167	Goodell	Goodell	7000
1168	Ciper	Hooper	2400
1169	Devincenzi	Devincenzi	7000
1170	Hayard	Hill	3600
1171	Goetlin	Goetlin	3850
1172	Kellogg	Marussen	3000
1173	Scanton	Scanton	3600
1174	Witte	Martin	10000
1175	Same	Same	6000

1176	Gartenlaub	Gartenlaub	2500
1177	McDonald	Schroder	8000
1178	Jordan	Riddle	5000
1179	Von Erkelens	Owner	2000
1180	Getz	Getz	2700
1181	Dozier	Fischer	1800
1182	Lake	Newbert	1000
1183	Fain	Little	2000
1184	Aubury	Aubury	20000
1185	Parkside Bldg Co. Owner		2000
1186	Black	Black	5000
1187	Skance	Skance	2500
1188	Kusch	Kusch	1000
1189	St. Ingatius	W'n Bld	1550
1190	Moller	Secor	2800
1191	Church	Klein	7000
1192	Byrne	Pac Plaster	3100
1193	Same	Kiernan	5300
1194	Same	Clark	750
1195	Stark	Little	13100
1196	Herbert	Victor	1690
1197	Same	Lettich	4433
1198	Tellowstone	Pinkerton	4721
1199	Dessenfaden	Daniels	1900
1200	Boggs	Boggs	1000
1201	S P Co.	S P Co.	1000
1202	Schwartz	Blech	800
1203	Lillis	Lillis	1800
1204	McNear	Fulton	1000
1205	Haufe	Eckert	2500
1206	Schmid	Miller	400
1207	Tie Vick	Hofmeister	400
1208	Schultz	Hofmeister	400
1209	Gevlán	Gevlán	400
1210	Fritz	Fritz	1500
1211	Schleicher	Kearns	1500
1212	Burt	Burt	1620
1213	Drew	Drew	1600
1214	Wagner	Aydukovich	400
1215	Castagnini	Castagnini	400
1216	McLaughlin	McLaughlin	5900
1217	Manseau	Manseau	2500
1218	Same	Same	2500
1219	Same	Same	2500
1220	Rushton	Rushton	4000
1221	Same	Same	4000
1222	Getz	McEwen	2500
1223	Same	Same	3500
1224	Whitell	Sarraille	3000
1225	Repetit	Carraro	2700
1226	Camp	Carraro	2700
1227	Sockolov	Sockolov	12000
1228	Same	Same	12000
1229	Eschen	Yates	2900
1230	Same	Same	2900
1231	Same	Same	2900
1232	Same	Same	2900
1233	Same	Same	2900
1234	Same	Same	2900
1235	Hyman	Finlayson	2000
1236	Hechinger	Moren	5700

Completed and accepted..... 1000
 TOTAL COST, \$3000
 Bond, none. Limit, June 1, '14. Forfeit,
 none. Plans and specifications filed.

Owner.....L. G. Harder, 2528 Mission,
 San Francisco.
 Architect.....None.
 Contractor.....John B. Woolfrey, 3168
 21st, San Francisco.
 COST, \$2000

(1127) E FIFTH AVE 300 S Cabrillo
 S 25x E 120. All work for six-room
 frame residence.
 Owner.....Annie E. Hooper, 450 12th
 Ave., San Francisco.
 Architect.....Plans by Contractor.
 Contractor.....B. J. Hooper, 450 12th
 Ave., San Francisco.
 Filed Apr. 6, '14. Dated Apr. 4, '14.
 Frame up 25%
 Brown coated 25%
 Completed and accepted..... 25%
 Usual 35 days..... 25%
 Contractor to receive 10% of Total Cost
 Bond, limit, forfeit, none. Plans and
 specifications filed.

(1132) NO. 571 NATOMA. Alter two-
 story frame building into (6) apart-
 ments.
 Owner.....Patrick Lynch, 1146
 Hampshire, San Francisco.
 Architect.....None.
 Day's work..... COST, \$3000

(1128) E TAYLOR 150 S Union S 25x
 E 65-9. Concrete, grading, finish
 hardware, gas and electric fixtures,
 mantels, cement walks, shades for
 three-story and basement frame
 flats.
 Owner.....Emil and Ida Solari, 362
 Delano, San Francisco.
 Architect.....None.
 Contractor.....Frank Demartini & Co.,
 274 29th, San Francisco.
 Filed Apr. 6, '14. Dated Feb. 19, '14.
 Frame up \$1512.50
 Brown coated 1512.50
 Completed and accepted..... 1512.50
 Usual 35 days..... 1512.50
 TOTAL COST, \$6050.00
 Bond, \$3025. Surety, Paul F. De Martini
 Limit, 90 days. Forfeit, none. Plans
 and specifications filed.

(1133) N RICHLAND 475 W Mission.
 Two-story and basement frame dwlg.
 Owner.....L. G. Harder, 2528 Mission,
 San Francisco.
 Architect.....None.
 Contractor.....John B. Woolfrey, 3168
 21st, San Francisco.
 COST, \$2000

NOTE:—First report March 21, No. 895

(1134) N RICHLAND 500 W Mission.
 Two-story and basement frame dwlg.
 Owner.....L. G. Harder, 2528 Mission,
 San Francisco.
 Architect.....None.
 Contractor.....John B. Woolfrey, 3168
 21st, San Francisco.
 COST, \$2000

(1129) SW ANZA AND 25TH AVE
 25x70. All work except gas and
 electric fixtures and window shades
 for two-story frame store and flat.
 Owner.....Nicholas Antipa, — 25th
 Ave., San Francisco.
 Architect.....J. J. Murray, 627 5th Ave.,
 S. F. (Uncertificated.)
 Contractor.....Sarraille & Lagomarsino,
 2115 Powell, S. F.
 Filed Apr. 6, '14. Dated —.
 Frame up \$975
 Brown coated 975
 Completed and accepted..... 975
 Usual 35 days..... 975
 TOTAL COST, \$3900
 Bond, \$1950. Surety, Massachusetts
 Bonding & Insurance Co. Limit, 75
 days. Forfeit, none. Plans and speci-
 fications filed.

(1135) N RICHLAND 425 W Mission
 Two-story and basement frame dwlg.
 Owner.....L. G. Harder, 2528 Mission,
 San Francisco.
 Architect.....None.
 Contractor.....John B. Woolfrey, 3168
 21st, San Francisco.
 COST, \$2000

(1130) N GREENWICH 220 W Fill-
 more. All work for two-story frame
 flats.
 Owner.....J. L. and Mrs. I. L. Burton,
 2222 Greenwich, S. F.
 Architect.....None.
 Contractor.....F. L. Loveland, 2399 Val-
 lejo, San Francisco.
 Filed Apr. 6, '14. Dated Mar. 30, '14.
 Frame up \$1000
 When plastered 1000
 When finished 10000
 Usual 35 days..... Balance
 TOTAL COST, \$5365
 Bond, none. Limit, 90 days after April
 10. Forfeit, none. Plans and speci-
 fications filed.

(1136) E TWENTY-FIFTH AVE 150
 N Irving. Two-story and basement
 frame dwelling.
 Owner.....G. N. Bergren, 10 2nd Ave.,
 San Francisco
 Architect.....None.
 Contractor.....L. G. Bergren & Son, 209
 Sanchez, San Francisco.
 COST, \$2800

(1131) N RICHLAND 450 W Mission.
 Two-story and basement frame dwlg.

(1137) W ELEVENTH AVE 75 N
 Judah. Two-story and basement
 frame residence.
 Owner.....Louis Creyer, 2030 Larkin,
 San Francisco.
 Architect.....None.
 Day's work..... COST, \$3000

(1138) E BELVEDERE 324-1½ N 17th
 Two-story and basement frame (2)
 flats.
 Owner.....Thomas Finlayson, 552 6th
 Ave., San Francisco.
 Architect.....None.
 Day's work..... COST, \$5000

(1139) S SEA CLIFF 155-33 W 25th
 Ave. Two-story and basement frame
 residence.
 Owner.....John W. Proctor, 54 Pine,
 San Francisco.
 Architect.....Willis Polk, 1325 Mer-
 chants' Exchange Bldg.,
 San Francisco.
 Day's work..... COST, \$7800
 NOTE:—Job started.

(1140) S PACIFIC AVE 185 E Walnut.
 Alter and repair residence.
 Owner.....Mrs. Katherine P. Hooker,
 237 Pacific Ave., S. F.
 Architect.....Willis Polk, Merchants'
 Exchange Bldg., S. F.

(Correction in Cost)
 (1117) W PRESIDIO 75 N Sacramen-
 to. One-story frame shop.
 Owner.....Ross Forsyth, Care Archi-
 tect.....O. B. Thayer, Merchants
 National Bank Bldg., S. F.
 Contractor.....Hosher Glahn, 517 Crocker
 Bldg., San Francisco.
 COST, \$400

(1125) COMG. AT PT. 56-8¾ SE
 Chapultepec and 75 NE Henrietta NE
 25 SE 56-8¾ S 25.56 NW to beg,
 being E ½ Lot 222 Jacob Heyman's Sub
 Cobb Tract. All work for one and
 one-half-story frame cottage.
 Owner.....Carl and Clara Olsen.
 Architect.....None.
 Contractor.....Gus Carlson, 216 Richland
 Ave., San Francisco.
 Filed Apr. 6, '14. Dated Apr. 4, '14.
 Frame up & roof sheathing on.....\$600
 Rough plaster on..... 600
 Completed and accepted..... 500
 TOTAL COST, \$1700
 Bond, none. Limit, 90 days. Forfeit,
 none. Plans and specifications filed.

(1126) NO. 1025 OCEAN AVE. Wood
 work, plastering, painting, plumb-
 ing and electric work for two-story
 frame store and flat.
 Owner.....Michael Porazzo, 284 Lee
 Ave., San Francisco.
 Architect.....None.
 Contractor.....Salvatore Lima.
 Filed Apr. 6, '14. Dated Mar. 1, '14.
 Frame up \$1000
 Plastering completed 1000

Contractor..Wm. Martin, 110 Jessie,
San Francisco.

COST, \$5500

NOTE:—Job started.

(1141) S BUSH 86-6 E Polk 63-6x120.
Installation of electrical work, conduits and wiring for two-story and basement garage.

Owner.....E. L. Hueter, 816 Mission,
San Francisco.

Architect...Zanolini & Jewett, 604
Montgomery, S. F.

Contractor..Standard Elec. Constr. Co.,
60 Natoma, San Francisco.

Filed Apr. 7, '14. Dated Apr. 6, '14.
Payments of 75%

Roughing in done
Completed and accepted.....

Usual 35 days..... 25%

TOTAL COST, \$500

Bond, none. Limit, none. Forfeit, \$10.
Plans and specifications, none.

(1142) PLUMBING ON ABOVE.

Contractor..J. Looney Co., Inc., 85 City
Hall Ave., San Francisco.

Filed Apr. 7, '14. Dated Apr. 3, '14.
75% as follows:

Roughed in
Fixtures delivered at building...

Completed
Usual 35 days..... 25%

TOTAL COST, \$960

Bond, limit, none. Forfeit, \$10. Plans
and specifications, none.

(1143) N BROADWAY 68-9 W Webster
W 148-9xN 275. Stairs of quarter
sawed oak for two-story Class "A"
residence.

Owner.....Jas. L. Flood,
Architect...Bliss & Faville, Balboa
Bldg., San Francisco.

Contractor..J. K. Stewart, Army and
Alabama, San Francisco.

Filed Apr. 7, '14. Dated Mar. 25, '14.
On 1st of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$1625

Bond, none. Limit, 30 days. Forfeit,
\$50. Plans and specifications filed.

(1144) MILL WORK FOR SERVICE
portion of building, etc., on above.

Contractor..Pacific Mfg. Co., 177 Steven-
son, San Francisco.

Filed Apr. 7, '14. Dated Mar. 24, '14.
Payments same as above.....

TOTAL COST, \$6773

Guaranty bond in favor of owner.
Sureties, Fred H. Beaver and D. O.
Druffel. Limit, 50 days. Forfeit, \$50.
Plans and specifications filed.

(1145) MARBLE WORK FOR VESTI-
bule and vestibule floor at main en-
trance on above.

Contractor..American Marble & Mosaic
Co., 25 Columbia Sq., S. F.

Filed Apr. 7, '14. Dated Mar. 24, '14.
Payments same as above.....

TOTAL COST, \$1500

Bond, \$750. Surety, Globe Indemnity
Co. Limit, 30 days. Forfeit, \$50. Plans
and specifications filed.

(1146) NO. 2843 FILLMORE. Repair
and to residence.

Owner.....A. Gartenlaub, 2300 Vallejo
San Francisco.

Architect...Bernard J. Joseph, 1st
National Bank Bldg., S. F.

Day's work..... COST, \$1000

(1147) S GREENWICH 155 E Mont-
gomery. Two-story frame (2) flats.

Owner.....F. H. Meyer, 237 Greenwich
San Francisco.

Architect...None.
Day's work..... COST, \$1000

(1148) NO. 2857 BUSH. Add 4 rooms
in basement.

Owner.....Edw. Powers, Premises.
Architect...None.

Day's work..... COST, \$500

(1149) NW HOWARD AND THIRD.
Erect marquee.

Owner.....Wm. Hendrickson Jr., 1009
Shreve Bldg., S. F.

Architect...None.
Contractor..Capital Sheet Metal Wks.,
1927 Market, S. F.

..... COST, \$400

(1150) 1535 GRANT AVE. Alter
stores and change front.

Owner.....Hirsch Bros., 185 Steven-
son, San Francisco.

Architect...None.
Contractor..R. W. Moller, 185 Steven-
son, San Francisco.

..... COST, \$500

(1151) NO. 1902 GREEN. Brick and
concrete foundation and rat proof.

Owner.....Lawrence Wickstrum, 1902
Green, San Francisco.

Architect...None.
Contractor..Ward & Goodwin, 110
Jessie, San Francisco.

..... COST, \$500

(1152) E FIFTH 137-6 S Folsom. Alter
shed.

Owner.....Oscar Keong Brass Works,
431-41 Folsom, S. F.

Architect...None.
Contractor..T. W. McClenehan & Co.,
110 Jessie, San Francisco.

..... COST, \$1000

(1153) NO. 566 ANDERSON. Add one
story frame.

Owner.....Mrs. E. Wright, 82 Bernal
Ave., San Francisco.

Architect...None.
Contractor..J. J. Davis, 714 Shilman,
San Francisco.

..... COST, \$550

(1154) NO. 1122 MARKET. Alter
front and rat proof.

Owner.....Fogarty & Gough, Prem.
Architect...None.

Contractor..T. H. Meek Co., 1157 Mis-
sion, San Francisco.

..... COST, \$500

(1155) N SHORT 93-3 E Mona. One-
story and basement frame dwelling.

Owner.....Greater City Lumber Co.,
Army and Alabama, S. F.

Architect...None.
Contractor..Wm. H. Grahm, 2840 Bry-
ant, San Francisco.

..... COST, \$1500

(1156) E NINETEENTH AVE 275 S
Anza. Two-story and basement frame
dwelling.

Owner.....Spence & Feerick, 537 25th
Ave., San Francisco.

Architect...None.
Day's work..... COST, \$1900

(1157) E NINETEENTH AVE 300 S
Anza. Two-story and basement frame
dwelling.

Owner.....Spence & Feerick, 537 25th
Ave., San Francisco.

Architect...None.
Day's work..... COST, \$1875

(1158) IN REAR NO. 947 WEBSTER.
All work except shades, gas fixtures
and finish hardware for two-story
frame (2) flats.

Owner.....J. Salton.
Architect...Fabre & Bearwald, 625
Market, San Francisco.

Contractor..B. Becas, 915 Pacific,
San Francisco.

Filed Apr. 8, '14. Dated Apr. 8, '14.
Roof on \$550

Brown coated 650

Completed and accepted..... 600

Usual 35 days..... 650

TOTAL COST, \$2550

Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

(1159) N GREEN 110-10 W Baker E
40xN 60-6. All work for frame resi-
dence.

Owner.....Jeanette W. Torney.
Architect...Frederick D. Boese, 45
Kearny, San Francisco.

Contractor..Wm. Martin, 110 Jessie,
San Francisco.

Filed Apr. 8, '14. Dated Apr. 7, '14.
Frame up & rough plumbing in \$1303

Brown coated and enclosed..... 1303

Completed and accepted..... 1303

Usual 35 days..... 1304

TOTAL COST, \$5213

Bond, none. Limit, 90 days. Forfeit,
\$5. Plans and specifications filed.

(1160) W OCTAVIA 82-6 N Lombard
30x82-6. All work except mantel,
hardware, gas and electric fixtures,
and window shades for three-story
and basement frame apartments.

Owner.....Glojele and Emenegrida
Del Sarto, 1759 Filbert, S. F.

Architect...O. E. Evans, 2367 Mission,
San Francisco.

Contractor..G. Ferrone & Sons, 709
Lombard, San Francisco.

Filed Apr. 8, '14. Dated Mar. 30, '14.
Frame up and roof on \$1500

Rough coat plaster on 1750

Completed and accepted..... 1750

Usual 35 days..... 2000

TOTAL COST, \$7000

Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(1161) W LARKIN 72-6 N Union N 25
xW 93-4 W A 25. Carpenter, lumber,
stairs, deafening, rough hardware
and mill work for three-story and
basement apartment house.

Owner.....Ernest H. Hildebrand,
Crocker Bldg., S. F.

Architect...None.
Contractor..H. Walters & H. B. Pierson

Filed Apr. 8, '14. Dated Mar. 18, '14.
Frame up and enclosed..... \$1169.60

Brown coated 1169.50

Completed and accepted..... 1171.50

Usual 35 days..... 1169.50

TOTAL COST, \$4680.00

Bond, \$2340. Surety, Chicago Bonding
& Surety Co. Limit, 90 days. Forfeit,
\$5. Plans and specifications filed.

(1162) W THIRD 75 N Harrison N 25
xW 80. All work for one-story stone
building.

Owner.....Sylvain Levy.
Architect...Sidney B. Newsom, Nevada
Bank Bldg., S. F.

Contractor..Jas. P. Fletcher, Lick Bldg
San Francisco.

Filed Apr. 8, '14. Dated Apr. 3, '14.
Composition roof on \$545

Plastering completed 545

Completed and accepted..... 545



NEW HALL OF RECORDS FOR COLUSA COUNTY
Colusa, Cal.

Henry C. Smith, Architect
San Francisco



PROPOSED NEW GRAMMAR SCHOOL
Suisun, Cal.

Henry C. Smith, Architect
San Francisco

Usual 35 days..... 45
 TOTAL COST, \$2180
 Bond, \$1090. Sureties, Wm. F. Yates &
 G. Berson. Limit, 50 days. Forfeit,
 \$5. Plans and specifications filed.

(1163) N CALIFORNIA 82-6 W Fifth
 Ave N 110-64 W 25 S 112 E 25-2 3-16
 All work for three-story frame store
 and apartments.

Owner.....J. V. De Ryana, 4429 California,
 San Francisco.
 Architect...Sidney B. Newsom, Nevada
 Bank Bldg., S. F.
 Contractor...S. J. Sterner, 125 4th Ave.,
 San Francisco.

Filed Apr. 5, '14. Dated Mar. 27, '14.
 Frame up and roof completed..... 2375
 Plastering completed..... 2375
 Completed and accepted..... 2375
 Usual 35 days..... 2375

TOTAL COST, \$9500
 Bond, \$4750. Sureties, Chas. Monson &
 Chas. Olsen. Limit, 90 days. Forfeit,
 \$10. Plans and specifications filed.

(1164) EXPOSITION SITE. Carpenter
 work for Yellowstone Park conces-
 sion.

Owner.....Union Pacific System Yellow-
 stone Park Concession
 (by J. R. Kathren), Hearst
 Bldg., San Francisco.

Architect...E. J. Austin.
 Engineer...C. H. Snyder.
 Contractor...John Monk, Exposition
 Site, San Francisco.

Filed Apr. 5, '14. Dated Apr. 7, '14.
 On 10th of each month..... 75%
 Usual 35 days..... 25%

TOTAL COST, \$54,000
 Bond, \$27,000. Surety, American Surety
 Co. of New York. Limit, Oct. 9, 1914.
 Forfeit, \$50. Plans and specifications
 filed.

(1165) W SHOTWELL 80 S 15th W 60
 XS 30. All work for two-story and
 basement frame (4) flats.

Owner.....John Rippe, 1455 15th, S. F.
 Architect...None.
 Contractor...F. W. Lurman, 1134 Hyde,
 San Francisco.

Filed Apr. 5, '14. Dated Apr. 7, '14.
 Frame erected..... 1215
 Enclosed and Brown coated..... 1215
 Completed and accepted..... 1215
 Usual 35 days..... 1215

TOTAL COST, \$4500
 Bond, none. Limit, 90 days from April
 7. Forfeit, \$4. Plans and specifica-
 tions filed.

(1166) W TWENTIETH AVE 200 N
 Balboa. Two-story and basement
 frame (2) flats.

Owner.....W. A. Breen, 1227 5th Ave.,
 San Francisco.
 Architect...E. E. Young, 251 Kearny,
 San Francisco.

Day's work. COST, \$6000

(1167) NE THIRD AVE AND HUGO.
 Three-story and basement frame (6)
 flats.

Owner.....Capt. Geo. H. Goodell, 1264
 3rd Ave., San Francisco.
 Architect...E. E. Young, 251 Kearny,
 San Francisco.

Day's work. COST, \$7000

(1168) E FIFTH AVE 335 S Cabrillo
 being Lot 3 Bk 354 Trevor Tract. All
 work for one and one-half-story
 frame cottage.

Owner.....Rose L. Ciper, Nevada City,
 California.

Architect...Plans by Contractor.
 Contractor...B. J. Hooper, 450 12th Ave.,
 San Francisco.

Filed Apr. 9, '14. Dated Mar. 16, '14.
 Frame up..... 6000
 Brown coated..... 600
 Completed and accepted..... 600
 Usual 35 days..... 600

TOTAL COST, \$2400
 Bond, limit, forfeit, none. Plans and
 specifications filed.

(1169) E BOARDMAN 225 N Brannan
 Three-story and basement frame (6)
 flats.

Owner.....G. Devincenzi, Premises.
 Architect...O. E. Evans, 2367 Mission,
 San Francisco.
 Contractor...Louis M. Devincenzi, 415
 Girard, San Francisco.

COST, \$7000

(1170) W TWENTY-FIFTH AVE 125
 N Irving. Two-story and basement
 frame dwelling.

Owner.....Harvard & Hill, 20 Frank-
 lin, San Francisco.
 Architect...E. E. Young, 251 Kearny,
 San Francisco.

Day's work. COST, \$3000

(1171) NE McALLISTER & WEBSTER
 Alterations, additions and repairs.

Owner.....N. Goetjen, 906 Webster,
 San Francisco.
 Architect...Falch & Knoll, 715 Hearst
 Bldg., San Francisco.

Day's work. COST, \$3850

(1172) NE LAGUNA AND UNION.
 Excavate for basement, extend floor,
 plaster interior and new entrances
 for stores.

Owner.....Mrs. Annie Kellogg, Ber-
 keley.
 Architect...Frank S. Van Trees, 1925
 Hyde, San Francisco.

Contractor...Marcus Marcussen, 19 De-
 visadero, San Francisco.
 COST, \$3000

(1173) N GEARY 126 E Lyon. Two-
 story and basement frame (2) flats.

Owner.....J. Scanlon, 2466 Geary,
 San Francisco.
 Architect...J. C. Flueger, 811 Crocker
 Bldg., San Francisco.

Day's work. COST, \$3500

(1174) NE ELEVENTH AVE & GEARY
 Three-story frame stores and apart-
 ments.

Owner.....Mrs. Bertha Witte, 238
 Collingwood, S. F.
 Architect...E. A. Neumarkel, 948
 Market, San Francisco.

Contractor...Wm. Martin, 110 Jessie,
 San Francisco.
 COST, \$10,000

(1175) E ELEVENTH AVE 69 N
 Geary. Two-story and basement
 frame dwelling.

Owner.....Mrs. Bertha Witte, 238
 Collingwood, S. F.
 Architect...E. A. Neumarkel, 948
 Market, San Francisco.

Contractor...Wm. Martin, 110 Jessie,
 San Francisco.
 COST, \$5000

(1176) No. 2300 VALLEJO. Remove
 metal lath and plaster exterior and
 substitute clinker brick, new front
 porch, new windows, frames, sash,
 etc.

Owner.....A. Gartenlaub, Premises.

Architect...Bernard J. Joseph, 602 1st
 National Bank Bldg., S. F.
 Day's work. COST, \$2500

(1177) SE DUBOCE AND WALTER.
 Three-story and basement frame (5)
 apartments.

Owner.....E. J. McDonald, Premises.
 Architect...O. R. Thayer, Merchants
 National Bank Bldg., S. F.
 Contractor...Schroder & McIntosh, 765
 Folsom, San Francisco.

COST, \$8000

(1178) E PALM AVE 100 N Geary.
 Two-story and basement frame resi-
 dence.

Owner.....Jeanette J. Jordan, 201
 Euclid Ave., San Francisco.
 Architect...None.
 Contractor...L. V. Riddle, 201 Euclid
 Ave., San Francisco.

COST, \$5000

(1179) N JAMESTOWN 250 W Ingalls
 One-story and basement frame resi-
 dence.

Owner.....Henry Von Erkelens, 1034
 Jamestown Ave., S. F.
 Architect...Ivon C. Fuchstod, 2812
 13th Ave., Oakland.

Day's work. COST, \$2000

(1180) E THIRTY-FIFTH AVE 225 N
 Balboa. Two-story and basement
 frame dwelling.

Owner.....Sol Getz & Sons, Chronicle
 Bldg., San Francisco.
 Architect...None.
 Contractor...F. A. Klein, 1423 24th Ave.,
 San Francisco.

COST, \$2700

(1181) NO. 2514 GREEN. Repair in-
 terior of residence.

Owner.....Thos. Dozier, 1st National
 Bank Bldg., San Francisco
 Architect...None.
 Contractor...Fred P. and L. F. Fischer,
 180 Jessie, San Francisco.

COST, \$1800

(1182) SW ANDOVER & HIGHLAND.
 General repairs to interior and ex-
 terior of factory and dwelling.

Owner.....H. Lake, 33 Henery, S. F.
 Architect...None.
 Contractor...F. W. Newbert, 34 Powers,
 San Francisco.

COST, \$1000

(1183) E TWENTY-FIRST AVE 225 N
 Lake. Two-story and basement
 frame residence.

Owner.....James H. Panin.
 Architect...E. E. Young, 251 Kearny,
 San Francisco.

Contractor...M. A. Little, 1347 4th Ave.,
 San Francisco.
 COST, \$20,000

(1184) S MARKET 75 E Seventh.
 One-story class "C" mining exhibit.

Owner.....Lewis E. Aubury, Easton
 P. O., San Mateo.
 Architect...C. W. Ayers, 1644 Wash-
 ington, San Francisco.

Day's work. COST, \$20,000

(1185) W THIRTY-FIRST AVE 175
 N Ulloa. One-story and basement
 frame dwelling.

Owner.....Parkside Home Building
 Co., 403 Crocker Bldg. (for
 H. A. and Ione J. Taylor).
 Architect...J. M. Geary, 23rd & Fol-
 som, San Francisco.

Contractor, Parks de Home Building Co., 408 Crocker Bldg., S.F.
COST, \$2000

(1186) W GUERRERO 30 S 25th. Two story frame flats.

Owner.....W. J. Black, 475 Fair Oaks, San Francisco.
Architect...Havens & Toepke, 46 Kearny, San Francisco.

Day's work.....COST, \$5000
NOTE:—Frame up.

(1187) N BRYANT 100 W Eighth; No. 494 Eighth, Grade lot, erect concrete walls, move and alter one-story store and flat.

Owner.....John Skance, Premises.
Architect...None.
Contractor...M. Klahn, 27 Chenery, San Francisco.
COST, \$2800

(1188) S PACIFIC 154-6 W Powell. Three-story and basement frame (2) flats and stores.

Owner.....Mrs. V. Kusich and V. J. Kusich.
Architect...M. Mattanovich, Hewes Bldg., San Francisco.
Day's work.....COST, \$1000

(1189) LOCATION NOT GIVEN. Ornamental compo work for Saint Ignatius Roman Catholic Church.

Owner.....None given (see note).
Architect...C. J. L. Devlin, Pacific Bldg., San Francisco.

Contractor...Western Builders' Supply Co., Inc., 155 New Montgomery, San Francisco.

Sub-Contractor...Sullivan & Nutting (as Spencer Street Planning Mill), 50 Spencer, S. F.
Filed Apr. 10, '14. Dated Apr. 7, '14.
Payments not given.....

TOTAL COST, \$1550
Bond, none. Limit, June 15. Forfeit, none. Plans and specifications, none.

NOTE:—Owner, The President and Board of Trustees of St. Ignatius College. Location, N E Fulton and Parker Ave. E 175xN 275.

(1190) N CASELLI AVE 25 E Clover Alley E 25xN 62. All work except light fixtures, mantels and shades for alterations and additions to make a two-story frame building (flats).

Owner.....John H. and Lucie Moller, 86 Caselli Ave., S. F.
Architect...Kidd & Anderson, 251 Kearny, San Francisco.

Contractor...L. A. Secor, 80 Caselli Ave., San Francisco.

Filed Apr. 10, '14. Dated Apr. 9, '14.
House raised and frame up for new story.....\$700

Brown coated.....700
Completed and accepted.....700
Usual 35 days.....700

TOTAL COST, \$2800

Bond, \$1400. Sureties, H. G. Dodds and H. F. Secor. Limit, 90 days after Apr. 15. Forfeit, none. Plans and specifications filed.

(1191) NOS. 1446, 1448, 1450 JACKSON Alterations and additions of three-story frame building into apartments

Owner.....L. S. and Media Church, 650 Laguna, San Francisco.
Architect...Chas. J. Rousseau, 46 Kearny, San Francisco.

Contractor...J. Eric Johanson, 110 Jessie San Francisco.

Filed Apr. 10, '14. Dated Apr. 8, '14.

Ready for lather.....\$1750
White coated.....1750
Completed and accepted.....1750
Usual 35 days.....1750

TOTAL COST, \$7000

Bond, \$3500. Sureties, Anna K. Johanson and Gustaf Erikson. Limit, 80 days. Forfeit, none. Plans and specifications filed.

(1192) W WEBSTER \$1-6 S Pacific Ave 46-24x110. Lathing and plastering, exterior cement work and ornamental plaster, Chen stone and staff for three-story and basement frame apartments.

Owner.....A. M. Byrne, 2411 Webster, San Francisco.

Architect...Dunn & Kearns, Monadnock Bldg., S. F.

Contractor...Pacific Plastering Co.
Filed Apr. 10, '14. Dated Mar. 12, '14.

Lathed, interior and exterior.....\$775
Brown coated.....775

Completed and accepted.....775
Usual 35 days.....775

TOTAL COST, \$3100

Bond, \$1550. Surety, Globe Indemnity Co. Limit, fast as possible. Forfeit, none. Plans and specifications filed.

(1193) SEWERING, PLUMBING, GAS fitting, heating, oil burning plant, etc. on above.

Contractor...Kiernan & O'Brien, 1754 Mission, San Francisco.

Filed Apr. 10, '14. Dated Mar. 12, '14.

Roughed in.....\$325
Finished and accepted.....1650

Usual 35 days.....1325
TOTAL COST, \$5300

Bond, none. Limit, fast as possible.

Forfeit, \$10. Plans and specifications filed.

(1194) TERRA COTTA WORK ON above.

Contractor...N. Clark & Sons, 116 Natoma, San Francisco.

Filed Apr. 10, '14. Dated Mar. 12, '14.

Terra cotta set.....\$362.50
Usual 35 days.....187.50

TOTAL COST, \$750.00

Bond, none. Limit, 60 days from Mar. 12. Forfeit, \$10. Plans and specifications filed.

(1195) NE UNION AND PIERCE E 30 xN 100. All work for three-story frame apartments.

Owner.....Bertha W. Stark, 1065 Sutter, San Francisco.

Architect...A. Reinhold Denke, Humboldt Bank Bldg., S. F.

Contractor...John Little, 1371 5th Ave., San Francisco.

Filed Apr. 10, '14. Dated Apr. 10, '14.

2nd floor joists on.....\$2456
Enclosed and roof on.....2456

1st coat plaster on.....2456
Completed and accepted.....2457

Usual 35 days.....3275
TOTAL COST, \$13,100

Bond, none. Limit, 90 days. Forfeit, \$1. Plans and specifications filed.

(1196) SW JONES AND CLAY W 120x S 33-9. Steam heating system, hot water, oil tank for three-story and basement frame apartments.

Owner.....A. H. Herbert, 151 Powell, San Francisco.

Architect...O'Brien Bros., Inc., Clunie Bldg., San Francisco.

Contractor...Victor Eng. Co., 21 Spear, San Francisco.

Filed Apr. 10, '14. Dated Mar. 31, '14.

Heating system roughed in and

hot water heater on site.....\$633.75

Completed and accepted.....633.75
Usual 35 days.....422.50

TOTAL COST, \$1690.00

Bond, \$845. Surety, Chicago Bonding & Surety Co. Limit, 90 days after Apr. 1. Forfeit, none. Plans and specifications filed.

(1197) PLUMBING, SEWERING AND gas fitting on above.

Contractor...J. M. Lettich, 2053 Taylor, San Francisco.

Filed Apr. 10, '14. Dated Mar. —, '14.

Roughed in.....\$1681.25
Plumbing fixtures delivered.....800.00

Completed and accepted.....81.00
Usual 35 days.....1120.75

TOTAL COST, \$4483.00

Bond, \$2245. Surety, Massachusetts Bonding & Insurance Co. Limit, 100 days on completion of brick basement walls. Forfeit, none. Plans and specifications filed.

(1198) EXPOSITION SITE. Plumbing work for Yellow Stone Park concession.

Owner.....J. R. Kathrens, Manager Union Pacific System Yellowstone Park Concession, Hearst Bldg., S. F.

Architect...E. J. Austin.

Engineer...C. H. Snyder.

Contractor...James H. Pinkerton, 2266 Fulton, San Francisco.

Filed Apr. 10, '14. Dated Apr. 8, '14.

Progressive payments on 10th of each month of.....75%

Usual 35 days.....Balance
TOTAL COST, \$4731

Bond, \$2366. Surety, Fidelity & Deposit Co. Limit, 120 days. Forfeit, \$10. Plans and specifications, none.

(1199) NO. 358 THIRD AVE. Add five rooms to basement.

Owner.....P. J. Dessenfant, Premises

Architect...None.

Contractor...Daniels & Reese, 526 Clement, San Francisco.

COST, \$1000

(1200) N WASHINGTON 128-9 E Jones. General repairs, alterations and additions to dwelling.

Owner.....Boggs & Boggs, 1266 Washington, San Francisco

Architect...None.

Day's work.....COST, \$1000

(1201) S TOWNSEND 140 W Third. Erect temporary haggage and waiting rooms.

Owner.....Southern Pacific Company.

Architect...None.

Day's work.....COST, \$1000

(1202) NO. 1536 GEARY. Add one-story frame of four-room to dwlg.

Owner.....N. Schwartz, 1537 McAllister, San Francisco.

Architect...None.

Contractor...Bletch & Hofmeister, 463 O'Farrell, San Francisco.

COST, \$600

(1203) N VALLEJO 87½ E Webster. Three-story and basement Class "C" brick residence.

Owner.....S. C. Lillis, 2150 Vallejo, San Francisco.

Architect...None.

Contractor...L. C. Lillis, 1401 Jones, San Francisco.

COST, \$18,000

(1204) NO. 433 CALIFORNIA. Construct offices.
Owner.....Geo. McNear Co., Sacramento and Battery, S. F.
Architect...None.
Contractor...T. M. Fulton Co., 301 Front, San Francisco.

COST, \$1000

(1205) NW ANZA & TWENTY-FOURTH AVE. Two-story and basement frame residence.
Owner.....C. W. Haufe, 2900 Bush, San Francisco.
Architect...None.
Contractor...Haufe & Eckert, 2900 Bush San Francisco.

COST, \$2500

(1206) NO. 545 VAN NESS AVE. Erect partition.
Owner.....Schmid Jeffers Co., Frem.
Architect...None.
Contractor...Fred Miller.

COST, \$400

(1207) NO. 757 GRANT AVE. Repair pent house on roof.
Owner.....Tie Yick Co., Premises.
Architect...None.
Contractor...Hofmeister & Berdahl, 708 Webster, San Francisco.

COST, \$400

(1208) NO. 524 BELVEDERE. Alter front for garage.
Owner.....F. W. Schultz, Premises.
Architect...None.
Contractor...Hofmeister & Berdahl, 708 Webster, San Francisco.

COST, \$100

(1209) NO. 338 ALVARADO. Install doors for garage.
Owner.....John J. Gevian.
Architect...None.
Day's work.

COST, \$400

(1210) NE FREDERICKS & DELMAR Three-story and basement frame (11) apartments.
Owner.....E. N. Fritz, 1401 Masonic Ave., San Francisco.
Architect...None.
Day's work.

COST, \$15,000

(1211) N GEARY 137-6 E Larkin. Add rooms in basement.
Owner.....A. F. Schleicher, 1124 O'Farrell, S. F.
Supt....J. H. Barnes, 26 Montgomery, San Francisco.
Contractor...Kearn & Finegan.

COST, \$400

(1242) W DOLORES 214 N 15th. One-story and basement frame dwlg.
Owner.....Mrs. C. Burt, 156 Dolores, San Francisco.
Architect...None.
Day's work.

COST, \$1620

(1213) E SIXTEENTH AVE 85 N Judah One-story frame dwelling.
Owner.....C. B. Drew, 1840 Market, San Francisco.
Architect...None.
Day's work.

COST, \$1000

(1214) N HOLLISTER 30 E Rail Road Ave. One-story frame grocery.
Owner.....Chas. Wagner, Yountville, Napa Co., Cal.
Architect...None.
Contractor...L. Aydukovich, 1238 Hollister, San Francisco.

COST, \$275

(1215) S CAMBRIDGE 25 W Folsom. One-story and basement frame dwlg.
Owner.....Augustine Castagnini, 216 Ocean Ave., S. F.
Architect...None.
Day's work.

COST, \$400

(1216) N JESSIE 80 W Seventh. One-story and basement brick factory.
Owner.....J. L. McLaughlin, 214 Kearny, San Francisco.
Architect...Matthew O'Brien, 68 Post, San Francisco.
Day's work.

COST, \$5900

(1217) E THIRTY-FIFTH AVE 50 N Irving. Two-story and basement frame residence.
Owner.....Edw. E. Manseau, 1278 35th Ave., San Francisco.
Architect...None.
Day's work.

COST, \$2500

(1218) E THIRTY-FIFTH AVE 75 N Irving. Two-story and basement frame residence.
Owner.....Edw. E. Manseau, 1278 35th Ave., San Francisco.
Architect...None.
Day's work.

COST, \$2500

(1219) E THIRTY-FIFTH AVE 25 N Irving. Two-story and basement frame residence.
Owner.....Edw. E. Manseau, 1278 35th Ave., San Francisco.
Architect...None.
Day's work.

COST, \$2500

(1220) W NINTH AVE 275 S Cabrillo. Two-story and basement frame flats.
Owner.....C. Rushton, 714 9th Ave., San Francisco.
Architect...None.
Day's work.

COST, \$4000

(1221) W NINTH AVE 250 S Cabrillo. Two-story and basement frame flats.
Owner.....C. Rushton, 714 9th Ave., San Francisco.
Architect...None.
Day's work.

COST, \$4000

(1222) W TWELFTH AVE 200 N Balboa. Two-story and basement frame dwelling.
Owner.....B. Getz, 122 Chronicle Bldg
Architect...None.
Contractor...J. McEachern, 309 7th Ave. San Francisco.

COST, \$3500

(1223) W TWELFTH AVE 225 N Balboa. Two-story and basement frame dwelling.
Owner.....B. Getz, 122 Chronicle Bldg
Architect...None.
Contractor...J. McEachern, 309 7th Ave. San Francisco.

COST, \$3500

(1224) S SACRAMENTO 160-5 E Jones One-story and basement frame dwelling.
Owner.....Whittell Realty Co., 166 Geary, San Francisco.
Architect...W. L. Schmolle, 166 Geary, San Francisco.
Contractor...Sarraille & Lagomarsino, 2115 Powell, S. F.

COST, \$3000

(1225) E OAKWOOD 238 S 18th. Two-story and basement frame (2) flats.
Owner.....G. Repetti, 47 Oakwood, San Francisco.
Architect...None.

Contractor...G. Carraro, 750 Felton, S. F.
COST, \$2700

(1226) E OAKWOOD 263 S 18th. Two-story and basement frame (2) flats.
Owner.....J. A. Campi, 51 Oakwood, San Francisco.
Architect...None.
Contractor...G. Carraro, 750 Felton, S. F.

COST, \$2700

(1227) N CALIFORNIA 150 E Broderick. Three-story and basement frame (12) apartments.
Owner.....J. Sockolov, 1857 O'Farrell, San Francisco.
Architect...None.
Day's work.

COST, \$12,000

(1228) N CALIFORNIA 110 E Broderick. Three-story and basement frame (12) apartments.
Owner.....J. Sockolov, 1857 O'Farrell, San Francisco.
Architect...None.
Day's work.

COST, \$12,000

(1229) E COLLINS 121-3 N Geary. Two-story and basement frame dwelling.
Owner.....L. Eschen & Co., Collins & Geary, San Francisco.
Architect...None.
Contractor...Wm. F. Yates, 335 21st Ave., San Francisco.

COST, \$2900

(1230) E COLLINS 148-6 N Geary. Two-story and basement frame dwelling.
Owner.....L. Eschen & Co., Collins & Geary, San Francisco.
Architect...None.
Contractor...Wm. F. Yates, 335 21st Ave., San Francisco.

COST, \$2900

(1231) W COLLINS 215 N Geary. Two-story and basement frame dwelling.
Owner.....L. Eschen & Co., Collins & Geary, San Francisco.
Architect...None.
Contractor...Wm. F. Yates, 335 21st Ave., San Francisco.

COST, \$2900

(1232) W COLLINS 240 N Geary. Two-story and basement frame dwelling.
Owner.....L. Eschen & Co., Collins & Geary, San Francisco.
Architect...None.
Contractor...Wm. F. Yates, 335 21st Ave., San Francisco.

COST, \$2900

(1233) E COLLINS 24-6 N Geary. Two-story and basement frame dwelling.
Owner.....L. Eschen & Co., Collins & Geary, San Francisco.
Architect...None.
Contractor...Wm. F. Yates, 335 21st Ave., San Francisco.

COST, \$2900

(1234) E COLLINS 271-8 N Geary. Two-story and basement frame dwelling.
Owner.....L. Eschen & Co., Collins & Geary, San Francisco.
Architect...None.
Contractor...Wm. F. Yates, 335 21st Ave., San Francisco.

COST, \$2900

(1235) NO. 2918 LYON. All work except light fixtures and shades for alterations and additions one-story frame into two-story store and dwlg.

Owner, — M. & G. — Hyman, Prem.
Architect, — None.
Contractor, — M. M. Pinjasov, 2429 Val-
lejo, San Francisco.

Filed Apr. 11, '14. Dated Mar. 17, '14.
Frame up \$500
Roof on and brown coated 500
Completed 500
Usual 35 days 500

TOTAL COST, \$2000

Bond, none. Limit, 70 days from filing.
Forfeit, none. Plans and specifications
hired.

NOTE: 1st report Mar. 21st, No. 894.

(1236) E GOUGH 83-6 S Lombard S
31-6x E 100. Grading, concrete, car-
penter, mill, lathing and plastering,
tinning, tile, roofing etc. for two-
story and basement frame and plaster
construction apartments.

Owner, — L. and A. Hechinger.
Architect, — John J. Foley, 46 Kearny,
San Francisco.

Contractor, — George G. Moren, 125 Fal-
con Ave., San Francisco.

Filed Apr. 11, '14. Dated Apr. 9, '14.
Frame up and roof on \$1425
Brown coated, enclosed and ac-
cepted 1425
Completed and accepted 1425
Usual 35 days 1425

TOTAL COST, \$5000

Bond, \$2850. Sureties, H. A. Numan &
F. Gonsalves. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

COMPLETION NOTES.

San Francisco.

Apr. 3, 1914—NW PEIFFER AND
Bellair, G. Roscelli to G. Ghazzi and
C. Fiorini Apr. 3, 1914
Apr. 3, 1914—NW ECKER & JESSIE
N 62xW 115. Wm H Crocker to
J D Hannah Apr. 1, 1914
Apr. 4, 1914—EXPOSITION SITE,
Panama-Pacific International ex-
position Co to E C McDougall & Co
..... March 25, 1914
Apr. 4, 1914—E BAKER 87-6 N Green
N 25x E 87-6. Alice V Robertson to
Ira W Coburn April 1, 1914
Apr. 4, 1914—S VALEJO 112-6 W
Leavenworth W 25xS 78-1. Minnie
and Edward Palmer to J T Mc-
Innis Apr. 2, 1914
Apr. 6, 1914—W DIAMOND 211 S
19th W 125xN 51. Maria Corville
to Brockhage Foley & Green
March 26, 1914
Apr. 6, 1914—LOT 62 Gift Map No. 1.
Rose Kleffer to Gus Carlson
March 28, 1914
Apr. 6, 1914—E TENTH AVE 150 N
"O" N 25x E 120. John Bjorkman
to whom it may concern Apr. 4, 1914
Apr. 6, 1914—NE WASHINGTON &
Octavia E 137-6xN 127-8 1/4. A B
Spreckels to whom it may con-
cern Completed —
Apr. 6, 1914—NW EDDY & MARON
N 55xW 82-6. The Estate of J K
Prior to Macdonald & Kahn
April 2, 1914
Apr. 6, 1914—E TWENTY-SIXTH
Ave 250 N Judah N 25x120. J T
Johnston, T A Cuthbertson and J
E Branagh to whom it may con-
cern Apr. 3, 1914
Apr. 6, 1914—E TWELFTH AVE 175
S Anza 25x120. A R Lapham to
whom it may concern Apr. 4, 1914
Apr. 6, 1914—GREEN NO. 1050. The
Geo A Bos Co to Thos W Alton
April 3, 1914
Apr. 7, 1914—N CALIFORNIA 77-6

W Front W 60-8 1/2xN 127-6. The
Hind Estate Co to L J Neil
April 3, 1914

Apr. 8, 1914—SW OLIVER 196-9 SE
Mission SE 53-3xSW 178. West End
Hd. W L Boyer to whom it may
concern March 25, 1914

Apr. 8, 1914—E TWENTY-FOURTH
AVE 100 S Clement S 25xW 100.
Vincenzo Del Tredici to Hantzsche
& McKay Apr. 7, 1914

Apr. 8, 1914—W LEAVENWORTH 63
N Ellis N 74-6xW 77-6. Calvin E
Knickerhocker and H R Bostwick
to whom it may concern Apr. 1, '14

Apr. 8, 1914—E DEVISADERO 25 S
Haight E 106xS 24. Laura Nippert
to whom it may concern
March 25, 1914

Apr. 8, 1914—N ALMA 175 E Cole 25
x124. P A Nelson to whom it may
concern April 2, 1914

Apr. 8, 1914—N BUSH adj East side
Mills Bldg and having frontage on
Bush of 63-9. Ogden Mills to
Flondberg & McCaffery Apr. 7, 1914

Apr. 8, 1914—W EIGHTH AVE 150
S Cabrillo S 25x120. Jeanette
Yates to Wm F Yates Apr. 7, 1914

Apr. 9, 1914—N HOWARD 36 E Ituss
E 28xN 100. Ida Goldblatt to whom
it may concern Apr. 8, 1914

Apr. 9, 1914—N TWENTY-NINTH 80
W Castro W 25xN 103. Arthur T
Jansson to whom it may concern
April 9, 1914

Apr. 9, 1914—SW MARKET 365 SW
Brady SW 34 SW 124 and Intersect-
ing NW Stevenson at a pt 371 SW
Brady NE 23 NW 124 m or 1 sub 15
of M B 14. Carmel Fallon to Ed
Mooney, Apr. 8; H Maundrell, Apr. 3;
H L Petersen Apr. 8, 1914

Apr. 9, 1914—E POLSON & SIXTH
NE 100xSE 90. Est Andrew M
Davis, dec'd by George M Davis,
Exter to E K Pearson Feb. 10, 1914

Apr. 9, 1914—EXPOSITION SITE.
Panama-Pacific International Ex-
position Co to Dyer Bros Golden
West Iron Works, Apr. 1; Pringle-
Dunn & Co. April 6, 1914

Apr. 9, 1914—W FIFTH AVE 225 N
Clement N 25xW 120. John Dowd
to F Roy Murray Apr. 7, 1914

Apr. 10, 1914—E NINTH AVE 175 N
"J" N 25x E 120. R C Bingley to C
M Brown & Son Apr. 2, 1914

Apr. 10, 1914—LOT 43 BLK 5 Crocker
Amazon Tract, George Holden to
whom it may concern Mar. 31, 1914

Apr. 10, 1914—W SPEAR & HOWARD
NW 137-6xSW 68-9. Orville C Pratt
Jr to Stockholm & Allyn and Pacific
Fire Extinguisher Co. Apr. 6, 1914

Apr. 10, 1914—W SIXTEENTH AVE
100 N Fulton N 25xW 120. Helen E
McLane to Geo Parker Apr. 7, 1914

Apr. 10, 1914—SE EDINBURGH 225
NE Excelsior Ave NE 50xSE 100.
Emil and Elsie Nelson to whom it
may concern Apr. 4, 1914

Apr. 10, 1914—W FOURTH & JESSIE
NW 75xSW 75. Mary L Phelan to
John G Sutton Co. Apr. 10, 1914

LIENS FILED.

San Francisco.

Apr. 4, 1914—W BRODERICK 130 S
Lombard S 25xW 106-3. Redwood
Manufacturers Co vs John A. Car-
dinell, John F Haner, James Tar-
bett and Fred Knott \$588.21
Apr. 4, 1914—W BRODERICK 130 S
Lombard S 25xW 106-3. J H Kruse

vs John A. Cardinell, Jas Tarbett
and Fred Knott (Tarbett & Knott)

Apr. 6, 1914—W BRODERICK 130 S
Lombard S 25xN 120. The Watson
Mantel & Tile Co vs John A. Car-
dinell, J F Haner, Jas Tarbett and
Fred Knott \$477

Apr. 5, 1914—N FILBERT 133-9 W
Broderick — 25 N 137-6 E 25 S
137-6. Western Builders vs Mollie
B Jackson and Elliot G Jackson
..... \$740.07

Apr. 8, 1914—E VAN NESS AVE 75
N Green N 25x E 125. C Bloom vs
E and L Autard and Peter Hansen
..... \$220

Apr. 9, 1914—S PINE 137-6 E Leaven-
worth E 37-6xS 137-6. J S Hannah
vs Clara K Sutro and Adolphine
Sutro \$852.64

Apr. 9, 1914—E FILLMORE 59.075 N
Bay N 1067x E 475 and Exposition
Site. MacGruer & Co vs H H Law,
Hartland Law, Chas Lillie, Adele
Lillie, City & County of S F and
Panama-Pacific International Ex-
position Co \$19,906

Apr. 9, 1914—E FILLMORE 59.075 N
Bay N 1067 E 475 S 1067 W 475 m
or l and Exposition Site. Nephil
Plaster & Mfg Co, opn vs H E Law,
Hartland Law, Chas. Lillie, Adele
Lillie, City and County of S F and
Panama-Pacific International Ex-
position Co. \$1066.02

Apr. 9, 1914—W BRODERICK 130 S
Lombard. J Gibbs vs John S Car-
dinell \$203.50

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE FURNISH-
INGS. FIXTURES, ETC.—Cost not stat-
ed. Oakland, Cal. Architect, Clay N.
Burrell, Albany Bldg., Oakland. Own-
ers, Sommerstrom Bros. The three-
story frame apartment house at the
corner of 16th and Alice streets is
nearing completion, and the owners
will shortly award contracts for fur-
nishing, store fixtures, lighting fix-
tures etc. Marble and tile work are
now being figured.

RESIDENCES—6, 2 story and base,
frame, \$6,000 to \$9,000. Oakland, Cal.
Architect, Charles W. McCall, Central
Bank Bldg., Oakland. Owner's name
withheld. These dwellings will be
erected on property in various loca-
tions in both Oakland and Piedmont.
Each house will contain from seven to
nine rooms with from one to three
baths. Interior finish will be of pine,
redwood and hardwood. Oak floors will
be used in the principal rooms. All of
the dwellings will have furnace heat
and open fire places. Mantels will be
of brick or tile. Automatic water
heaters will be installed. Bath rooms
will have composition floors and tile
wainscot. Exteriors will be covered
with cement plaster on metal lath.
Plans are being prepared.

RESIDENCE—2 story and base,
frame, \$3,000. Oakland, Cal. Archi-
tect, none. Owner, James Rountree,
5129 Ygnacio avenue, Oakland. The
dwelling has been designed for a seven
room house, and will be erected at the
corner of Belvedere and Ygnacio ave-
nues. Interior will be finished in pine
and redwood with some hardwood
floors and elm panels. There will be a
large open fire place in the living
room with a tile mantel. Bath room

will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor. Materials are being purchased.

RESIDENCE—2 story and base, frame, \$3,000. Piedmont, Alameda Co., Cal. Architect, none. Owner, R. A. McWilliams, 5845 Avila avenue, Oakland. The dwelling has been designed for a six-room house with bath and sleeping porch, and will be erected on Ricardo and Arroya avenues. Interior finish will be largely of pine. Hardwood floors will be used in the living room and dining room. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

BUNGALOW—1 story, frame, \$2,500. Albany, Alameda Co., Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, Antonio Dutro. The house has been designed for a six-room dwelling with bath. Interior finish will be of pine and redwood. Oak floors will be used in the living room and dining room. There will be an open fire place with a tile mantel. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and shingles. Plans are complete and work will be done by Day Labor.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, H. L. Johnson. The dwelling will be erected in Claremont, and has been designed for an eight-room house with two baths and a sleeping porch. Interior will be finished in pine and hardwoods. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$10,500. Oakland, Cal. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner, Mrs. Shores. The dwelling will be erected in East Piedmont Heights, and has been designed for an eight-room house with baths and sleeping porch. Interior finish will be of pine, redwood and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will have tile floors and wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, E. A. Kruse. The dwelling will be erected in Thousand

Oaks Tract, and has been designed to contain eight rooms, two baths and sleeping porch. Interior will be finished in pine and hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

WAREHOUSE—2 story and base, reinforced concrete and brick, \$50,000. Oakland, Cal. Architect, Walter Reed, Oakland Bank of Savings, Oakland. Owners, W. P. Fuller & Co. The building will be erected at the southwest corner of 3rd and Jackson streets, covering a large area. Construction will be fireproof. Metal window sash and frames and fireproof doors are specified. Interior finish will be of pine. There will be spiral chutes. Exterior of the building will be faced with pressed brick. Plans are being prepared and figures will be called for shortly.

GARAGE—1 story, frame and concrete, \$20,000. Oakland, Cal. Architect, Walter D. Reed, Oakland Bank of Savings Bldg., Oakland. Owner, Walter Arnstein. The building will be erected at the core corner of Broadway and Webster streets, covering a considerable ground area. Besides the garage the building will contain several stores. There will be a concrete floor and patent store fronts. Interior finish will be of pine throughout. Exterior of the building will be faced with cement plaster on metal lath. Working drawings are nearly complete and figures will be called for shortly.

HOTEL—7 story and base, steel and reinforced concrete, \$55,000. Oakland, Cal. Architect, Clay N. Burrell, Bldg., Oakland. Owners' name withheld. The building will be erected in the downtown business district, covering an area of 33 by 100 feet. There will be a store besides the hotel lobby in the first floor. Upper floors will contain a number of single rooms, nearly all of which will have private baths. Interior finish will be of pine throughout. Plans provide for steam heat, elevator service and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans will be completed shortly and figures will be taken.

HOTEL—7 story and base, steel and reinforced concrete, \$75,000. Oakland, Cal. Architect, Clay N. Burrell, Bldg., Oakland. Owners' name withheld. The building will be erected in the downtown district in the same block as another seven-story hotel structure mentioned in this issue. This building will cover an area of 50 by 80 feet. All guest rooms will have connecting baths. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Interior will be finished in pine and elm. There will be tile wainscot and composition floors in the bath rooms. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are nearly complete and figures will be called for shortly. One figure may be

submitted including this and the other seven-story hotel.

HOTEL, FITTINGS, ETC.—7 story, Class A construction, \$135,000. Oakland, Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owners, Morris & Muller. The architect has completed plans for the hotel fittings and store fixtures for the seven-story class A hotel and store building now nearing completion at the northwest corner of 14th and Jefferson streets. Bids are now being taken on the above mentioned work.

THEATRE—1 story, frame and plaster, \$3,900. Oakland, Cal. Architect, Harvey P. Smith, Blake Bldg., Oakland. Owner, A. Saba. The building, designed for a moving picture theatre, will be erected at the corner of 7th and Adeline streets, covering an area of 30 by 80 feet. Interior finish will be of pine throughout. A modern system of ventilation will be installed. Special electric work is specified. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—1 story and base, frame, \$3,000. Piedmont, Alameda Co., Cal. Architect, Alvin J. Stern, 1542 Broadway, Oakland. Owner, Charles S. Wheeler. The dwelling will be erected on Sunnyside avenue and has been designed to contain six rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantel will be of tile or brick. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. An automatic water heater will be installed. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame. Cost not stated. Piedmont, Alameda Co. Cal. Architect, Claude E. Barton, Security Bank Bldg., Oakland. Owner, E. L. Reed. The dwelling has been designed for a six-room house and will be erected in Piedmont. Interior finish will be of pine and redwood with some hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

RESIDENCE—2 story and base, frame. Cost not stated. Oakland, Cal. Architect, William A. Newman, David Hewes Bldg., S. F. Owner, Ray C. Davis. The dwelling will be erected at the corner of Manor Drive and Holly street, and has been designed for a seven room house with bath. Interior finish will be of pine and redwood with some hardwood floors. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base,

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San Francisco

frame. Cost not stated. Lavermore, Alameda Co., Cal. Architect, Claude B. Earton, Security Bank Bldg., Oakland. Owner, J. C. McKown. The dwelling has been designed to contain seven rooms and bath. Interior finish will be largely of pine. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open tile places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have the wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Am't.
852	Jensen	Steffen	550
851	Cook	Cook	500
855	Ferrel	Ferrel	600
856	Wilson	Grummett	1700
857	Auditorium	Christenson	195360
860	Neal	Pearce	2000
861	Lloyd	Wiggins	1500
862	McWilliams	McWilliams	3000
863	Sheridan	Sheridan	1600
861	Carleton	Carleton	1800
865	Myer	Converse	3700
866	Morrison	Grummett	450
867	Doane	Doane	1800
868	Denney	Foster	500
876	Rountree	Rountree	2000
877	Beardman	Legault	2000
878	Kennedy	Warehouse	500
879	Stevens	Fenn	2947
883	Chanciarulo	Bacrus	15790
896	Chambers	Sullivan	910
891	Same	Bradley	580
892	Amrose	Hunter	1245
893	Havens	Broad	500
894	Eva	Kulchar	1500
895	Seller	Scott	600
896	Jonas	Schnebl	400
897	Cady	Pinkham	1900

858	Hoffschneider	Owner	400
859	Williams	Williams	1000
900	Keating	Nunes	2850
901	Costodio	Costodio	2400
908	Berlinger	Button	4880
911	Henshaw	Bay City	400
912	Anderson	Anderson	1000
913	Blake	Fraze	900
914	Anderson	Anderson	2000
915	Barber	Corbett	400
916	Townsend	Townsend	3475
917	Matthew	Blethroad	561
919	Kennedy	Chambers	2006
920	Potts	Potts	1800
921	Neal	Pearce	2150
922	Helstrom	Helstrom	3000

(853) NO. 3118 E-TWENTY-SEVENTH Oakland, Alterations.

Owner.....Hy Jensen, Premises.
Architect...None.
Contractor...G. W. Steffen, 652 8th, Berkeley

COST, \$550

(854) NO. 1453 HIGH Oakland, Alter

Owner.....Mrs. J. W. Cook.
Architect...None.

Day's work.

COST, \$550

(855) W EIGHTY-FIRST AVE 253 S Oakland. One-story 4-room dwelling.

Owner.....H. M. Ferrel, 1229 81st Ave., Oakland.

Architect...None.

Day's work.

COST, \$600

(856) E THIRTY-SEVENTH AVE 750 N E-14th, Oakland. One-story five-room dwelling.

Owner.....Mrs. Clara Wilson, 1432 37th Ave., Oakland.

Architect...None.

Contractor...Jno. Grummett, 3260 Dakota, Oakland.

COST, \$1700

(857) TWELFTH AND FALLON, Oakland. Concrete and granite.
Owner.....Oakland Auditorium.
Architect...John J. Donovan, Security Bank Bldg., Oakland.
Contractor...Christenson Bros., 237 Wayne Ave., Oakland.
COST, \$196360

(858) NW EIGHTY-SECOND AVE 200 W Boulevard, Oakland. All work except painting for one-story five-room dwelling.

Owner.....Harriet A. and Nancy Neal, 2245 89th Ave., Oakland.

Architect...None.

Contractor...Joseph C. Pearce, Okd. Filed Apr. 6, '14. Dated Jan. 31, '14.

Frame up

Rough plaster

Completed

Usual 35 days

TOTAL COST, \$2000

Bond, \$1000. Surety, U. S. Fidelity & Guaranty Co. Limit, July 1, 1914.

Forfeit, \$1. Plans and specifications filed.

(861) E FAIRFAX 272 S Monticello, Oakland. One-story 5-room dwlg.

Owner.....W. F. Lloyd, 3750 Boulevard, Oakland.

Architect...None.

Contractor...W. H. Wiggins.

COST, \$1500

(862) RICARDO & ARROYA AVES., Piedmont. Two-story residence.

Owner.....R. A. McWilliams, 5845 Ayala, Oakland.

Architect...None.

Day's work.

COST, \$3000

(863) W SIXTY-FOURTH AVE bet. Virginia and Harmon, Oakland. 1-story five-room dwelling.

Owner.....M. Sheridan, 1620 Broadway, Oakland.

Architect...None.

Day's work.

COST, \$1600

(864) S ARTHUR 200 E 69th Ave., Oakland. One-story 5-room dwlg.

Owner.....Miss Annita Carleton, 2923 69th Ave., Oakland.

Architect...None.

Contractor...S. Carleton, 6996 Weld, Oakland.

COST, \$1890

(865) W FAIRBANKS AVE 100 E Crofton Ave., Oakland. Two-story 7 room dwelling.

Owner.....E. E. Myer, 287 28th, Okd.

Architect...A. W. Smith, 1010 Broadway, Oakland.

Contractor...Wm. Converse, 2710 Hille-gass Ave., Berkeley.

COST, \$3700

(866) NO. 2514 TWENTY-THIRD AVE., Oakland. Addition.

Owner.....Mr. Morrison, Premises.

Architect...None.

Contractor...W. S. Zolski, 1618 13th Ave Oakland.

COST, \$150

(867) W SIXTY-SIXTH AVE 310 S Fairview, Oakland. One-story 5-room dwelling.

Owner.....C. A. Doane, 662 35th, Okd.

Architect...None.

Day's work.

COST, \$1800

(868) NO. 1014 WASHINGTON, Oakland. Alterations.

Owner.....R. G. Denney & Bros., 1118 and Webster, Oakland.

Architect...None.

Contractor...E. H. Foster, 563 17th, Okd.
COST, \$300

(876) SW BELVEDERE & YGNACIO
Ave., Oakland. Two-story 7-room
dwelling.
Owner.....J. Rountree, 5439 Ygnacio
Ave., Oakland.
Architect...None.
Day's work . COST, \$3000

(877) NE THIRTEENTH & WASH-
ington, Oakland. Alterations.
Owner.....Boardman Est. Premises.
Architect...J. Henry Boehrer, Delger
Bldg., Oakland.
Contractor...Boehrer & Legault, Delger
Bldg., Oakland.
COST, \$2000

(878) NO. 2339 E-FOURTEENTH, Oak-
land. Alterations and repairs.
Owner.....Catherine Kennedy.
Architect...None.
Contractor...Warehouse Grocery Co.,
2500 Grove, Oakland.
COST, \$500

(879) W EVERETT 56 N Wellington,
Oakland. Two-story 6-room dwlg.
Owner.....Kate S. Stevens, 1811
Brush, Oakland.
Architect...None.
Contractor...Theo. Fenn, 749 61st, Okd.
COST, \$2947

(889) W BROADWAY 123 N Birnie N
25xW 127-8, Oakland. Cement, con-
crete foundation and walls, brick
work, T and G roof, sheet metal
work, rough and finish carpentry,
electric work, glass and glazing,
lathing and plastering, side walks,
side walk doors and lights, basement
floor, marble and composition floors,
etc., for two-story Class "C" store
and office building.

Owner.....B. and M. Cianciarulo, 700
Clay, Oakland.
Architect...Wm. Wilde, Albany Block,
Oakland.
Contractor...Wm. Baccus & F. Kennedy,
520 Oakland Ave., Okd.

Filed Apr. 8, '14. Dated Apr. 5, '14.
Foundation work completed.....\$ 800.00
Reinforced concrete walls com-
pleted 1600.00
Floor joists & rough floors in 1000.00
Brick work completed..... 2600.00
1st coat plaster on..... 2100.00
Completed and accepted..... 3292.50
Usual 35 days..... 3797.50
TOTAL COST, \$15,190.00

Bond, \$7600. Surety, Southwestern
Surety Ins. Co. Limit, 67 days. For-
feit, \$10. Bonus, \$10. Plans and spec-
ifications filed.

(890) SW MONTE CRESTO AVE 61 NW
Kingston Ave NW 60xSW 120, Oak-
land. Sewering, plumbing and fix-
tures, gas and Pittsburg heater for
two-story basement and attic frame
dwelling.

Owner.....Mrs. Elizabeth Chambers,
624 Walsworth Ave., Okd.
Architect...D. C. Coleman, Merchants'
National Bank Bldg., S. F.
Contractor...E. J. Sullivan, 661 9th,
Oakland.

Filed Apr. 8, '14. Dated Mar. 8, '14.
Sewer and rough plumbing in
place and approved.....\$340.25
Completed and accepted..... 340.25
36 days after..... 230.00
TOTAL COST, \$910.50
Bond, \$500. Surety, Pacific Coast

Casualty Co. Limit, 70 days. Forfeit,
\$. Plans and specifications filed.

(891) PAINTING, TINTING AND
papering on above.
Contractor...W. E. Bradley, 5811 Ayala,
Oakland.
Filed Apr. 8, '14. Dated Mar. 27, '14.
Primed\$217.50
Completed and accepted..... 217.50
36 days after..... 145.00
TOTAL COST, \$580.00

Bond, none. Limit, 70 days. Forfeit,
\$. Plans and specifications filed.

(892) W FORTY-EIGHTH AVE 260 S
E-14th, Oakland. One-story 5-room
dwelling.
Owner.....Louis Ambrose, 1263 48th
Ave., Oakland.
Architect...None.
Contractor...J. O. Hunter, 1332 51st
Ave., Oakland.
COST, \$1345

(893) SW EIGHTH AND BROADWAY
Oakland. Repairs.
Owner.....J. W. Havens, 2631 Ben-
venue Ave., Berkeley.
Architect...None.
Contractor...A. H. Broad, 2117 Kitt-
ridge, Berkeley.
COST, \$500

(89) NO. 1005 BROADWAY, Oakland.
Alterations.
Owner.....James Eva Estate, S. F.
Architect...Chas. F. Mau, Macdonough
Bldg., Oakland.
Contractor...S. Kulchar, 518 4th, Okd.
COST, \$1500

(895) NOS. 514-516 THIRTEENTH,
Oakland. Alterations.
Owner.....H. Sells, 27 Wayne Ave.,
Oakland.
Architect...None.
Contractor...G. A. Scott, 683 23rd, Okd.
COST, \$600

(896) NO. 1225 BROADWAY, Oakland.
Alterations.
Owner.....A. Jonas, 17th & Broad-
way, Oakland.
Architect...None.
Contractor...Schnelly, Hostrawser &
Pedgrift, 6th and Jackson,
Oakland.
COST, \$400

(897) NE HAMPEL & WOODRUF,
Oakland. One-story 5-room dwelling
Owner.....Mrs. E. D. Cady, 709 35th,
Oakland.
Architect...None.
Contractor...G. A. Pinkham, 2353
Waverly, Oakland.
COST, \$1900

(898) NW THIRTEENTH AVE & E-
12th, Oakland. Alterations.
Owner.....W. M. Hoffschneider, 1514
Broadway, Oakland.
Architect...None.
Day's work. COST, \$100

(899) SW FORTIETH & CERRITO
Ave., Oakland. One-story 4-room
dwelling.
Owner.....C. J. Williams, 434 35th,
Oakland.
Architect...None.
Day's work. COST, \$1000

(900) S E-EIGHTEENTH 100 W 9th
Ave., Oakland. One and one-half-
story six-room dwelling.

Owner.....Frank P. Keating, Apgar
and West, Oakland.
Architect...None.

Contractor...Geo. W. Nunes, 721 55th,
Oakland. COST, \$2350

(901) W BROADWAY 400 N 41st, Oak-
land. Two-story 6-room dwelling
and store.
Owner.....J. J. Costadio, 4141 Broan-
way, Oakland.
Architect...None.
Day's work. COST, \$2400

(908) N FORTY-FIFTH 265 W West
75x100, Oakland. Two 1-story frame
dwellings.
Owner.....M. Berlingen, 4118 West,
Oakland.
Architect...Theo. W. Lenzen, Hum-
boldt Bank Bldg., S. F.
Contractor...I. W. Button, 5920 Tele-
graph Ave., Oakland.

Filed Apr. 9, '14. Dated Apr. 9, '14.
Frames up\$1100
Brown coated 1360
Completed and accepted..... 1200
Usual 35 days..... 1320
TOTAL COST, \$1880
Bond, none. Limit, 70 days. Forfeit,
none. Plans and specifications filed.

(910) N FORTY-THIRD 185 W Tele-
graph Ave., Oakland. One-story 5-
room dwelling.
Owner.....S. Benedetti, 550 43rd, Okd.
Architect...None.
Day's work. COST, \$1500

(911) NO. 1320 BROADWAY, Oakland.
Alterations.
Owner.....W. G. Henshaw, Premises.
Architect...None.
Contractor...Bay City Cabinet Co., 1080
5th, Oakland.
COST, \$400

(912) S LOCKWOOD 275 E 73rd Ave.,
Oakland. One-story 1-room dwlg.
Owner.....A. S. Anderson, 5233 Boyd
Ave., Oakland.
Architect...None.
Day's work. COST, \$1000

(913) NO. 516 ELEVENTH, Oakland.
Alterations.
Owner.....Blake Estate.
Architect...Walter Mathews, 922
Broadway, Oakland.
Contractor...L. D. Frazee, 699 36th, Okd.
COST, \$960

(914) N WALNUT AVE 120 W Lilac,
Oakland. One-story 5-room dwlg.
Owner.....L. W. Anderson, 1225 Rus-
sell, Berkeley.
Architect...None.
Day's work. COST, \$2000

(915) NO. 1431 BROADWAY, Oakland.
Alterations.
Owner.....Edgar H. Barber Co., 1431
Broadway, Oakland.
Architect...None.
Contractor...Corbett & Bayliss, 1110
Franklin, Oakland.
COST, \$400

(917) LOT 17 BLK 1 Thousand Oaks,
Oakland Tp. Glass enclosed porch.
Owner.....Allan P. Mathew, Indian
Trail E of The Alameda,
Berkeley.
Architect...Warren Perry, 2636 1/2
Dwight Way, Berkeley.
Contractor...D. T. Blethroad, 1732 Mil-
via, Berkeley.

Filed Apr. 11, '14. Dated Apr. 6, '14.
Completed \$561
TOTAL COST, \$561

Bond, \$300. Sureties, L. B. Hinson and R. H. Miller. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(919) E BROADWAY 232 N Florence (or Napa), Oakland. One-story five-room dwelling.

Owner.....Gertrude Kennedy, 949 14th St., Pacific Grove.

Architect.....None.
Contractor.....J. F. Chambers, 1542 Broadway, Oakland.

COST, \$2000

(920) E SEVENTY-THIRD AVE 148 S Hamilton, Oakland. One-story five-room dwelling.

Owner.....W. F. Potts, 2247 Grove, Oakland.

Architect.....E. W. Stilwell, Los Angeles.

Day's work. COST, \$1800

(921) W EIGHTY-SECOND AVE 200 below Boulevard, Oakland. One-story 5-room dwelling.

Owner.....H. A. and Nancy Neal, 2245 89th Ave., Oakland.

Architect.....None.
Contractor.....J. C. Pearce, 6932 Lockwood, Oakland.

COST, \$2150

(922) E THOMAS AVE 400 N Napa, Oakland. One and one-half-story 7-room dwelling.

Owner.....Chas. Helstrom, 493 36th, Oakland.

Architect.....Elite Planners, 1844 5th Ave., Oakland.

Day's work. COST, \$3000

Building Contracts Awarded.

Berkeley.

No.	Owner	Contractor	Am't.
419	Jackson	Warren	400
850	Smith	Smith	1500
851	Larsen	Kringler	1600
852	Westminster Ch.	Farwell	1950
858	Mallanen	Mallanen	2000
859	Browne	Abnefeld	5400
869	Berkeley	Nelson	4500
870	Sjoberg	Sjoberg	400
871	Berkeley	Pinkerton	4280
872	Bell	Whidden	4800
873	Nassas	Cox	1400
874	S P Co.	S P Co.	1400
875	Kawneer	Gutleben	12271
880	Phi Delta	Schmidt	20468
881	Same	Nelson	3290
882	Same	Elec Constr	609
883	Same	Kyle	2225
884	Same	Neal	1035
902	Daalittle	Daalittle	400
905	Knox	Knox	400
904	Spencer	Donaldson	1400
905	Berkeley	Gaspard	4216
906	Ratcliff	Sorenson	4072
907	Kawneer	Gutleben	13271
909	Alpha Tau	Schmidt	14890
910	Benedetti	Benedetti	1500
918	McKibben	House	5450

(819) N FIFTH AND CARLTON, Berkeley. Two-story frame office.

Owner.....Byron Jackson Iron Wks., 357 Market, San Francisco.

Architect.....James W. Plachek, Acheson, Berkeley.

Contractor.....C. H. Warren, 2200 Atherton, Berkeley.

COST, \$1000

(850) E CURTIS 350 N University Ave., Berkeley. Two-story six-room dwelling.

Owner.....James Smith, 1907 Curtis, Berkeley.

Architect.....None.

Contractor.....J. Smith.

COST, \$1500

(851) N GILMAN 200 E Steinae, Berkeley. One-story 3-room dwelling.

Owner.....Olaf Larsen, 715 5th Ave., Oakland.

Architect.....None.

Contractor.....John Kringler, 728 E-14th St., Oakland.

COST, \$1600

(852) E EIGHTH 70 S Bristol, Berkeley. Two-story 2-room addition to church.

Owner.....Westminster Presbyterian Church, Premises.

Architect.....None.

Contractor.....W. W. Farwell, 2230 9th, Berkeley.

COST, \$1950

(858) S JOSEPH AVE 80 E Monterey Berkeley. One-story 6-room dwlg.

Owner.....Otto Mallanen, Paul Gustafson and Angus Laine, 2429 9th, Berkeley.

Architect.....None.

Contractor.....Otto Mallanen, 2429 9th, Berkeley.

COST, \$3000

(859) SW CHESTNUT AND BRISTOL running S 36 feet; (2) W Chestnut 72 S Bristol, running S 36 feet; (3) W Chestnut 144S Bristol, running S 36 feet, Berkeley. One 1½-story six-room dwelling and 2 1-story 5-room dwellings.

Owner.....D. P. Browne, 1622 Oxford Berkeley.

Architect.....None.

Contractor.....Henry Abnefeld, 3005 King, Berkeley.

Filed Apr. 6, '14. Dated Mar. 24, '14.

Frames up 1/4

1st coat plaster on 1/4

Completed 1/4

Usual 35 days. COST, \$1500

Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(869) E CLAREMONT 112 S Russell Berkeley. Two-story 4-room fire house.

Owner.....City of Berkeley.

Architect.....W. H. Ratcliff, 1st Nat'l Bank Bldg., Berkeley.

Contractor.....H. P. Nelson, 2241 Grove, Berkeley.

COST, \$1500

(870) W SEVENTH 170 S Grayson, Berkeley. Repairs.

Owner.....Carl Sjoberg, 2812 7th, Berkeley.

Architect.....None.

Day's work. COST, \$100

(871) E LE ROY 176 N Cedar, Berkeley. One-story fire house.

Owner.....City of Berkeley.

Architect.....W. H. Ratcliff, 1st Nat'l Bank Bldg., Berkeley.

Contractor.....J. A. Pinkerton, 1921 Berryman, Berkeley.

COST, \$4280

(872) LOT 28 BLK 2 Berkeley Heights Tract, Berkeley. All work for two-story and basement frame dwelling.

Owner.....George L. Susan W. and Golden W. Bell, 1516 Euclid Ave., Berkeley.

Architect.....Julia Morgan, Merchants' Exchange Bldg., S. F.

Contractor.....G. R. Whidden.

Filed Apr. 7, '14. Dated Apr. 4, '14.

Frame up and boarded, chimneys

up and rough plumbing in 1/4

1st coat plaster on 1/4

Completed and accepted 1/4

Usual 35 days. TOTAL COST, \$1800

Bond, \$2400. Surety, Maryland Casualty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(873) E SHATTUCK 100 N Center, Berkeley. Alterations.

Owner.....H. Nassas, 2123 Shattuck Ave., Berkeley.

Architect.....None.

Contractor.....C. R. Cox, 2005 Addison, Berkeley.

COST, \$100

(874) E SHATTUCK AVE — N Center, Berkeley. Aler depot.

Owner.....Southern Pacific Co.

Architect.....None.

Day's work. COST, \$1400

(875) S DWIGHT WAY E Cor. 8th, Berkeley. One-story Class "C" factory.

Owner.....Kawneer Mfg. Co., 420 Eddy, San Francisco.

Architect.....C. H. Miller, Dalziel Bldg.,

Contractor.....Gutleben Bros., Monadnock Bldg., San Francisco.

COST, \$13,271

(880) NW HEARST AVE & HIGHLAND Place W 100XN 141.65, Berkeley.

Brick work, carpentry, mill work, glazing, lathing and plastering, roofing, ornamental iron, sheet metal work for three-story and basement frame fraternity house.

Owner.....Phi Delta Theta, 2401 Durant, Berkeley.

Architect.....John Reid Jr., Chronicle Bldg., San Francisco.

Contractor.....P. N. Schmidt.

Filed Apr. 8, '14. Dated Apr. 2, '14.

Frame up and roof sheathed \$5000.00

Exterior sheathing on and roof completed 5000.00

Plastering interior & exterior \$300.00

Completed and accepted 6000.00

Usual 35 days. TOTAL COST, \$20,168.50

Bond, \$10,235. Surety, Fidelity & Deposit Co. Limit 120 days. Forfeit, \$10. Plans and specifications filed.

(881) EXCAVATION, CONCRETE, tile drains, grading, etc., on above.

Contractor.....F. E. Nelson, 1011 Franklin, Oakland.

Filed Apr. 8, '14. Dated Apr. 2, '14.

10th day of each month 75%

36 days after 25%

TOTAL COST, \$3290

Bond, \$1645. Surety, U. S. Fidelity Co. Limit, 21 days. Forfeit, \$10. Plans and specifications filed.

(882) ELECTRIC WORK ON ABOVE

Contractor.....The Elec. Const. Co., 312 12th, Oakland.

Filed Apr. 8, '14. Dated Apr. 2, '14.

Wiring completed & accepted \$300

Completed and accepted 155

Usual 35 days. TOTAL COST, \$669

Bond \$305. Surety, Fidelity & Deposit Co. Limit, 5 days. Forfeit, \$2. Plans and specifications filed.

(883) PLUMBING AND GAS FITTING on above.

Contractor...H. I. Kyle.
Filed Apr. 8, '14. Dated Apr. 2, '14.
Roughed in\$834
Completed and accepted..... 834
Usual 35 days..... 557
TOTAL COST, \$2225

Bond, \$1100. Surety, Fidelity & Deposit Co. Limit, 16 days. Forfeit, \$2.
Plans and specifications filed.

(884) PAINTING, STAINING, TINTING, etc., on above.
Contractor...L. J. Neal, 461 Hayes, San Francisco.

Filed Apr. 8, '14. Dated Apr. 2, '14.
10th day of each month..... 75%
36 days after..... 25%
TOTAL COST, \$1633

Bond, \$518. Surety, Aetna Accident & Liability Co. Limit, 15 days. Forfeit, none. Plans and specifications filed.

(902) W HARPER 201-3 S Russell, Berkeley. Addition.
Owner.....N. R. Daalittle, 2918 Harper, Berkeley.
Architect...None.
Day's work..... COST, \$400

(903) W BENVENUE 200 S Derby, Berkeley. Garage.
Owner.....Mr. Knox.
Architect...None.
Day's work..... COST, \$400

(904) W CALIFORNIA 50 S Ward, Berkeley. One-story 4-room dwelling.
Owner.....Mrs. Eliza Spencer, Prem.
Architect...None.
Contractor...D. T. Donaldson, 1637 Stuart, Berkeley.
COST, \$1400

(905) E ELLIS 75-7 1/2 N Alcatraz, Berkeley. Two-story 7-room frame fire house.
Owner.....City of Berkeley.
Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., Bkly.
Contractor...Gaspard & Hammond, 425 Sharon Bldg., S. F.
COST, \$4316.58

(906) E ROBLE ROAD 70 S Tunnel Road being Lot 1 Bk 18, Claremont Park, Berkeley. All work except foundations, grading, brick work, plastering, plumbing, sewer, leaders, tile roof, malthoid, paper, tile floors, marble, electric work, painting and finish hardware for two-story and basement frame dwelling.
Owner.....W. H. Ratcliff Jr., 1st National Bank Bldg., Bkly.
Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., Bkly.
Contractor...Walter Sorensen, 3219 Ellis, Berkeley.

Filed Apr. 9, '14. Dated Apr. 7, '14.
Frame up and roof hoarded.....\$1000
1st coat plaster on..... 1000
Completed and accepted..... 1000
Usual 35 days..... 1072
TOTAL COST, \$4072
Bond, limit, forfeit, none. Plans and specifications filed.

(907) SE DWIGHT WAY & EIGHTH, Berkeley. All work except plumbing electric wiring and office fixtures for one-story Class "C" factory.
Owner.....Kawner Mfg. Co., 20 Turk San Francisco.
Architect...C. H. Miller, Dalziel Bldg., Oakland.
Contractor...Gutleben Bros., Monadnock Bldg., San Francisco.

Filed Apr. 9, '14. Dated Apr. 6, '14.
Steel frame up.....\$1800
Completed 5121
Usual 35 days..... 3350
TOTAL COST, \$13,271
Bond, \$6636. Surety, Aetna Accident & Liability Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(909) N LE CONTE AVE 150 W Euclid Ave W 100xN 125, Berkeley. All work for three-story and basement frame fraternity house (excavating and grading done).
Owner.....Alpha Tau Omega House Ass'n., 2230 College Ave., Berkeley.

Architect...Wm. C. Hays, Foxcroft Bldg., San Francisco.
Contractor...Peter N. Schmidt, Alameda
Filed Apr. 9, '14. Dated Apr. 8, '14.
Frame up\$2500
Plastering and exterior wall covering completed 4000
Completed and accepted..... 4000
Usual 35 days..... 75%
TOTAL COST, \$14,690

Bond, \$7345. Sureties, Wm. Makin and J. E. McCormac. Limit, 90 days. Forfeit, \$25. Plans and specifications filed.
(916) E SHATTUCK AVE 300 S Indian Rock, Berkeley. Two-story 6 room dwelling.
Owner.....Fred Townsend, 2954 Magnolia Ave., Berkeley.
Architect...Olin S. Grove, 2911 Telegraph Ave., Berkeley.
Day's work..... COST, \$3475

(918) N 60 LOT 5 BLK 2-1850 Map Kearney Tract, Berkeley. All work for two-story basement and attic frame dwelling.
Owner.....Florence G. McKibben, Berkeley.
Architect...Harris Allen, 2514 Hille-gass Ave., Berkeley.
Contractor...Jacob House, 1818 Hearst Ave., Berkeley.

Filed Apr. 11, '14. Dated Apr. 11, '14.
Frame up 1/4
1st coat plaster on..... 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$5450
Bond, none. Limit, 80 days. Forfeit, none. Plans and specifications filed.

Building Contracts Awarded.

Alameda.

No.	Owner	Contractor	Amt.
885	Cory	Amstun	2600
882	McGorman	Allen	1800
887	Neison	Nelson	1800
888	Davies	Roberts	1800

(Correction in Owner's Name.)

(824) S SANTA CLARA AVE 182 E Union E 50xS 207 1/2, Alameda. All work for one-story 6-room dwlg.
Owner.....Mrs. Sophie Lutgen, 1818 Santa Clara Ave., Ala.
Architect...None.
Contractor...Powell Bros. Constr. Co., Harrison Ave & Fruitvale Canal Bridge, Alameda.
Filed Apr. 2, '14. Dated Mar. 31, '14.
Ready for plaster.....\$1800
Completed and accepted..... 1800
Usual 35 days..... 25%
TOTAL COST, \$4860
Bond, none. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(885) NO. 1316 EIGHTH, Alameda. Two-story 8-room dwelling.
Owner.....R. B. Cory, 1061 Taylor Ave., Alameda.
Architect...None.
Contractor...C. Amstun.
COST, \$2600

(886) NO. 1418 NINTH, Alameda. One-story dwelling.
Owner.....Kate McGorman.
Architect...None.
Contractor...M. Allen, 829 52nd, Okd.
COST, \$1500

(887) NO. 2251 BUENA VISTA AVE., Alameda. One-story 6-room dwlg.
Owner.....H. C. Nelson, 1808 Elm, Alameda.
Architect...None.
Day's work..... COST, \$1800

(888) NO. 1830 EIGHTH, Alameda. One-story 5-room dwelling
Owner.....R. E. Davies, 150 Lake, Oakland.
Architect...None.
Contractor...P. L. Roberts, 1811 5th, Alameda.
COST, \$1800

COMPLETION NOTICES.

ALAMEDA COUNTY.

Mar. 31, 1914—GROVE NOS. 3718-24, Okd. Christine Dorothea Mohr-dieck to whom it may concern.....March 30, 1914
Mar. 31, 1914—LOT 32 Map Coronado Tract, Okd. Arthur Hargrave (by J W Rounthwaite) to J P SilvaMarch 20, 1914
Apr. 1, 1914—S WARD 340 E Ellsworth, Bkly. F R Peake Co to whom it may concern.....Mar. 31, 1914
Apr. 1, 1914—PTN LOT 21 BLK "D" Map Piedmont Knoll, Okd. East Bay Home Bldrs to whom it may concern.....Mar. 30, 1914
Apr. 1, 1914—W LEE Ptn Plot 21 Kellersherger Map of Ranchos V & D Peralta, Oakland Ptn. Edward Beck to Schnebly, Hostrawser & Pedgrift.....Mar. 27, 1914
Apr. 2, 1914—BDED ON E AND N BY San Luis Rd; on W. NV. SW by Arlington Rd; on S by Blk 3 Map Arlington Villa Sites, Oakland Ptn. John H Spring to Patrick Nelson Bldg Co.....Mar. 31, 1914
Apr. 3, 1914—SW SIXTEENTH AND Clay S 60xW 160, Okd. M Friedman Realty Co to Vulcan Iron WorksMar. 31, 1914
Apr. 4, 1914—NE ELEVENTH AND Franklin, Okd. Mrs. B Strelt (by W Wilde, Architect) to E AndersonMar. 27, 1914
Apr. 4, 1914—LOT 17 BLK 3 Arlington Oakes, Bkly. W R Gettemy to L J Deibel.....Apr. 3, 1914
Apr. 4, 1914—E TWENTY-FIFTH AV 260 N E-27th N 35x5E 100, Okd. Georgia F and David Cantor to T L Heitt.....Mar. 30, 1914
Apr. 4, 1914—N CENTRAL AVE 243-2 E 5th E 34xN 100, Ala. G W Ehren-pfort and George F Schroeder to W G Le Boyd.....Mar. 13, 1914
Apr. 8, 1914—LOT 2 BLK 23 Map Melrose Heights, Okd. J C Gualco to H F Sydes.....Mar. 16, 1914
Apr. 6, 1914—NE ELEVENTH AND Franklin E 100xN 37 1/2, Okd. Barbara Strelt (by W M Wilde) to Judson Mfg Co, Inc.....Apr. 6, 1914
Apr. 6, 1914—V PARK WAY 30 S E-

10th, being Lot 12 in Higleys Map of Clinton, Okd. Augusta Engdahl to Angus 1 Bellefontaine.....April 6, 1914

Apr. 7, 1914—LOT 6 BLK 18 Map Northbrae, Bkly. Sequoia Constr Co to whom it may concern.....April 6, 1914

Apr. 7, 1914—NE DWIGHT WAY & Piedmont Ave, Bkly. T M Shearman to George Stoddard, Apr. 3, 1914

Apr. 8, 1914—LOT 5 BLK 18 Map Northbrae, Bkly. Sequoia Constr Co to whom it may concern.....April 6, 1914

Apr. 8, 1914—LOT 29 BLK 10 Boulevard Park, Okd. Sims & Le Baron to whom it may concern, Apr. 9, 1914

Apr. 9, 1914—LOTS 1 AND 2 Map Resubdiving Lots 13 to 27, inclusive, of Map of Crocker Tract, Piedmont, Mountain Development Co to Isaac Penny.....Apr. 8, 1914

Apr. 9, 1914—SE FIFTY-NINTH AND Hearn S 190X E 40, Okd. Wm A Pryal to O M Bullock, Apr. 8, 1914

LIENS FILED.

ALAMEDA COUNTY.

Apr. 1, 1914—SE FIFTY-NINTH 60X140 being No. 101 FIFTH OKD. R M Tuttle, \$94.76; H Hughes, \$125 vs W A Pryal and Jane Doe Pryal.....

Apr. 6, 1914—E 15 FT. LOT 9 AND Lots 10 and 11 BLK 653 Map Ptn Ppty Harmon Estate, Okd. S T Johnson vs D Miller.....\$557

Apr. 6, 1914—S VINEYARD AVE at stake at common cor plots 13 and 14 Map Pleasanton Homestead Plot SW 8.89 ch NW 2.32 ch NW 4.30 ch NW 1.35 ch SW 287 ch NW .77 ch NE 10.82 ch SE 417 ch, Pleasanton. Charles A Bruce vs The Burr McIntosh Moving Picture Co. Claude Smallwood, Jas R Crnkshank and Chas A Gale (Trustees).....\$576.14

Apr. 6, 1914—N NINTH 60 W Madison W 75XN 100, Okd. Pacific Mfg Co vs G E Tuman.....\$1965 and \$638.88

Apr. 7, 1914—NW TWENTY-FOURTH and Broadway thence along Broadway 61.42 W 111.42 N 59.50 W 40 S 119 E 136.25, Okd. Jepsen Bros vs Broadway Development Co and Bruce B Burnett.....\$1194

Apr. 7, 1914—LOT 7 BLK 1 Sbdvn Y of Moss Tract, Okd. Walter F Lloyd vs Grace M Hammond.....\$245.75

Apr. 8, 1914—LOT 3 BLK "D" Elmcrest, Okd. John P Maxwell vs Geo E Well.....\$29.70

Apr. 8, 1914—NW TWENTY-FOURTH and Broadway th along Broadway 61.42 W 111.42 N 59.50 W 40 S 119 E 136.25, Okd. Judson Mfg Co, \$283; Robert Swan, \$356.50; W Makin, \$760; C L Cummins, \$325 vs Bruce B Burnett and Broadway Development Co.....\$1194

Apr. 8, 1914—NW TWENTY-FOURTH and Broadway th along Broadway 61.42 W 111.42 N 59.50 W 40 S 119 E 136.25, Okd. E K Wood Lumber Co vs Broadway Development Co and Spencer Brush.....\$82.33

Apr. 9, 1914—NW TWENTY-FOURTH and Broadway N 61.42 W 111.42 N 59.50 W 40 S 119 th along 24th St. to pt beg, Okd. California Plate & Window Glass Co vs Broadway Development Co & B B Burnett.....\$474.20

Apr. 9, 1914—NW TWENTY-FOURTH and Broadway N 61.42 W 111.42 N

59.50 W 40 S 119 th along 24th St. to pt beg, Okd. Burnham-Standford Co vs Spencer Brush & Bruce B Burnett.....\$619

Apr. 9, 1914—N NINTH 60 W Madison W 75XN 100, Okd. C L Cummins vs George E Tuman, Sarah J Hastings, N A Thompson and L T Cook.....\$277

Apr. 9, 1914—NE DWIGHT WAY & Piedmont Ave S 70 N 115.50 W to pt beg, Okd. S to pt beg, Bkly. McKibben & Taylor vs T M Shearman and H D Koch.....\$113

Apr. 10, 1914—E GRAND AVE 409.33 N Lake Park Ave N 50 E 96.94 S 50 W 95.5, Okd. Carl T Doell vs Frank A Briggs and Bruce Burnett.....\$46.71

Apr. 10, 1914—NW COR TWENTY-fourth and Broadway th along Broadway 61.42 W 111.42 N 59.50 W 40 S 119 E 136.25, Okd. J F Ellis (National Roofing Co), \$354.10; W J Rigney (Oakland Mantel Co), \$565 vs Broadway Development Co, Spencer Brush and Bruce B Burnett

SAN JOSE AND THE SANTA CLARA VALLEY

RESIDENCES—1 and 2 story, frame. Cost not stated. San Jose, Santa Clara Co., Cal. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose. A Desmet, 33x North 11th street, five-room cottage, \$2,000; Reese Williams, 415 South 15th street, six-room cottage, \$2,000, and F. O. Nelson, Imperial Hotel, five-room cottage, \$1,800.

COLUMBARIUM—1 story, reinforced concrete, \$100,000. Mt. Olivet Cemetery, San Mateo Co., Cal. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owners, Mt. Olivet Cemetery Co. This building has been designed in the Greek-Doric style, and will be of the fireproof type of construction. Interior will be finished in pine, ornamental plaster, marble and cane stone. Exterior will be faced with cement plaster. Only a portion of the building will be erected at the present time. Working drawings are complete and bids will be taken by the architect within a week or ten days.

CHURCH—2 story, frame, \$20,000. Santa Cruz, Santa Cruz Co., Cal. Architect, W. J. Wythe. Central Bank Bldg., Oakland Owners, Methodist Church of Santa Cruz. The building has been designed in the Mission style and will contain a main auditorium seating 500 people besides a large Sunday school room and pastor's study. Interior finish will be of pine, redwood and ornamental plaster. There will be a central heating system. Exterior of the building will be covered with cement plaster on metal lath. Art glass windows will be installed. Plans are complete and figures are being taken. Bids will be opened on April 18th.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

LOT 25 ARCADIA TRACT, San Jose. All work for one-story frame dwlg. Owner.....R. J. Rowley, 155 South Morrison, San Jose. Architect.....A. Wien, San Jose. Contractor.....J. J. Hanson, 140 N-16th, San Jose. Filed Mar. 24, '14. Dated Mar. 23, '14.

Frame up.....1 1/2
Building enclosed.....1 1/2
Building finished.....1 1/2
Usual 35 days.....1 1/2

TOTAL COST, \$178.

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

COR. LITTON AVE & MIDDLEFIELD Road, Palo Alto. All work for frame dwelling.

Owner.....Arthur Roller, Palo Alto. Architect.....None. Contractor.....H. J. Ross, Palo Alto. Filed Mar. 24, '14. Dated Mar. 20, '14. Building under roof.....\$720.00
Building plastered.....720.00
Usual 35 days.....722.50

TOTAL COST, \$1425.50

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

ON OLD AGNEWS RANCH near Santa Clara on Alviso Road. All work for dairy barn and remove three buildings now standing.

Owner.....C. C. Barnhart, San Jose. Architect.....None. Contractor.....I. H. Morse, San Jose. Filed Mar. 21, '14. Dated —, '14.

Foundation in.....\$500
Building ready for roof.....500
When completed, balance.....616

TOTAL COST, \$1616

Bond, limit, forfeit, none. Plans and specifications filed.

NO. 268 E-ST. JAMES, San Jose. Addition and repairs on cottage.

Owner.....S. Barbaria, Premises. Architect.....None. Day's work.....COST, \$500

NO. 43 N-RIVER, San Jose. Repair residence.

Owner.....S. Rancelle. Architect.....None. Contractor.....S. F. Bennett, 269 Post St., San Jose. COST, \$400

NO. 557 N-SIXTEENTH, San Jose. Five-room cottage.

Owner.....A. Desmet, 338 N-11th St., San Jose. Architect.....None. Day's work.....COST, \$2000

NO. 445 S-FIFTEENTH, San Jose. Six room cottage.

Owner.....Rees Williams, Premises. Architect.....None. Day's work.....COST, \$2000

NO. 456 N-SIXTEENTH, San Jose. Five room cottage.

Owner.....F. O. Nelson, Imperial Hotel, 2-First, San Jose. Architect.....None. Day's work.....COST, \$1800

NO. 201 W-HAWTHORNE WAY, San Jose. Six-room cottage.

Owner.....I. J. Rowley, Premises. Architect.....None. Contractor.....J. J. Hanson, Willows.....COST, \$1785

NO. 148 N-FIFTEENTH ST., San Jose. Repair and remodel residence.

Owner.....W. E. Marber, Alum Rock Ave., San Jose. Architect.....None. Contractor.....H. W. Dangerfield, 51 S-22nd St., San Jose. COST, \$1200

LIENS FILED.**SAN MATEO COUNTY.**

RECORDED **AMOUNT**
 Apr. 3, 1914—BALDWIN AVE & EL Camino Real, being ptn Blk 1 Western Add'n to San Mateo. J C Lemmer (as California Boiler Wks) vs St. Matthews Red Cross Hospital and Thos W Alton.....\$278.85

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESIDENCE—2 story and base, frame, \$10,000. Belvedere, Marin Co., Cal. Architect, Louis C. Mulgardt. Chronicle Bldg., S. F. Owner, J. W. Mailhard. The dwelling has been designed for an eight-room house with two baths and sleeping porch. Interior finish will be of pine and hardwoods. There will be furnace heat and open fire places. Mantels will be of tile or brick. Hardwood floors will be used in the principal rooms. Bath rooms will be finished in tile. Automatic water heaters are specified. Exterior of the dwelling will be covered with cement plaster on metal lat. Plans are now being prepared.

RESIDENCES 6, 1 and 2 story, frame, \$2,000 to \$3,500. Richmond, Contra Costa Co., Cal. Architect, none. Owners, California Home Building Co., 1321 MacDonald avenue, Richmond. These houses will be erected in different sections of the city and will contain from five to seven rooms. Interior finish will be largely of pine with some redwood. Oak floors will be used in the principal rooms. Bath rooms and kitchens will have the wainscot. Automatic water heaters will be installed. Exteriors will be covered with rustic, shiplap and cement plaster. Plans are complete and in the hands of the owners who will do the work by Day Labor.

SCHOOL—2 story and base, reinforced concrete, \$10,000. Suisun, Solano Co., Cal. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Suisun Grammar School District. The building will be a two-story and basement structure, designed in the classic style and of semi-fireproof construction. There will be eight class rooms, large assembly hall and principal's office. Interior finish will be of pine with maple floors in the class rooms. Plans provide for steam heat, oil burning furnace and modern system of ventilation. Program clocks and vacuum cleaning are also specified. Exterior of the building will be faced with cement plaster. Plans are complete and bids will be called for as soon as bonds can be sold.

COMPLETION NOTICES.**MARIN COUNTY.**

RECORDED **AMOUNT**
 Apr. 7, 1914—PACHECO TCT, Plarfax. Annie Porteiros to whom it may concern.....Apr. 3, 1914
 Apr. 6, 1914—LOT 1 Pearl Tct, Ross Valley. Geo P Lauinger, Exr Est of Fredk Lass, dec'd to Nelson & Sandberg.....Apr. 3, 1914

LIENS FILED.**MARIN COUNTY**

RECORDED **AMOUNT**
 Apr. 6, 1914—BUSH TRACT, San Anselmo. Raymond E Bawley vs Robt Dadds, Francis W Huller, et al.....\$24.60
 Apr. 7, 1914—PTN LOT 23 D AND 24 B, Bush Tract, San Anselmo. Frank Paoiinelli vs Robert Dadds and Francis W Huller (building erected by Western Union Home Bldrs, Oakland).....\$170

LIENS FILED.**MARIN COUNTY**

RECORDED **AMOUNT**
 Apr. 8, 1914—PTN LOT 23 D & 24 B, Bush Tract, San Anselmo. C Weber vs Robert Dadds and Francis W Huller.....\$100
 Apr. 8, 1914—PTN LOTS 23-D & 24-B, Bush Tract, San Anselmo. E Castagnino vs Robert Dadds and Francis W Huller (Bldg. erected by Western Union Home Bldrs, Oakland.).....\$100

COMPLETION NOTICES.**CONTRA COSTA COUNTY.**

RECORDED **ACCEPTED**
 Apr. 4, 1914—LOT 30 BLK 134, City of Richmond. Hoyt & Greene, Inc to C D Knolly.....Mar. 30, 1914
 Apr. 4, 1914—LOT 25 AND S 1.58 ft. Lot 24 Blk 6 Map of Richmond Villa Tract, Hoyt & Greene, Inc to C D Knolly.....Mar. 30, 1914

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

APARTMENT HOUSE—2 story and base, frame and plaster, \$8,000. Visalia, Tulare Co., Cal. Architect, H. Y. Davis, Visalia. Owner, Mrs. A. W. Gilbert. The building has been designed to contain a number of three and four room suites. Interior finish will be of pine throughout. All suites will have wall beds and private baths. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with cement plaster on metal lat. Plans are being prepared.

JAIL—2 story and base, reinforced concrete. Cost not stated. Bakersfield, Kern Co., Cal. Architect, O. L. Clark, Brower Bldg., Bakersfield. Owners, Kern County. Contractor, Caldwell & Son, S. F. Contract price, \$97,476. The contractors are now taking figures on the various parts of the work.

STATE NORMAL SCHOOL—2 story and base, brick and steel, \$300,000. Fresno, Fresno Co., Cal. Architect, State Architect George B. McDougall. Sacramento. Owners, State of California. Final plans for the main building have been forwarded to Fresno and have received the approval of the Superintendent. These plans show a large structure designed in the shape of the letter H. Bids will be called for as soon as plans and specifications receive the approval of the State Board of Control.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

HALL OF RECORDS—2 story and base, reinforced concrete, \$60,000. Colusa, Colusa Co., Cal. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Colusa County. The building will be erected on property adjoining the present County Court House, and has been designed in the classic style. Construction will be fireproof throughout with reinforced concrete walls, floors, hollow tile interior partitions, metal window sash and frames and metal covered doors. Interior finish will be of pine and hardwood with considerable marble, tile and ornamental iron. Special fireproof vaults will be installed. There will be a Rector system of heating. Exterior of the building will be faced with cement plaster. Plans are complete and will go out for figures shortly.

LIBRARY—2 story and base, reinforced concrete, \$100,000. Sacramento, Cal. Architect, none. Owners, City of Sacramento. City Librarian, L. W. Ripley of Sacramento has reported to the Library Trustees as to the most suitable type of building to be constructed. His report favors a reinforced concrete building three stories high with a frontage of 95 feet and a depth of 100 feet. About \$100,000 is available for construction and \$20,000 for equipment. No architect has been selected.

APARTMENT HOUSE ALTERATION—3 story and base, brick, \$20,000. Sacramento, Cal. Architect, J. Seadler, Forum Bldg., Sacramento. Owner's name withheld. The work will consist of both interior and exterior alteration. Included in the work will be new interior partitions, plastering, mill and carpenter work, electric work, plumbing and painting. Patent store fronts will be used. Exterior will be faced with pressed brick. The apartments will all have wall beds and private baths. Bath rooms will have tile wainscot and composition floors. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$10,000. Stockton, San Joaquin Co., Cal. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Father L. Murphy. The dwelling has been designed for a parochial residence, and will contain eight rooms and two baths. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lat. Plans are being prepared.

RESIDENCE—1 story and base, frame, \$2,500. Stockton, San Joaquin Co., Cal. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owner, George Butterlick. The dwelling will be erected in the Sperry Addition, and will contain six rooms and bath. Interior finish will be of pine throughout. Oak floors will be used in the living and dining rooms. There will be an open fire place and tile mantel. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are complete and figures are being taken.

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RESIDENCE—1 story and base, frame, \$3,000. Stockton, San Joaquin Co., Cal. Architect, Ralph P. Morrell. Odd Fellows Bldg., Stockton. Owner, Walker Glenn. The dwelling will be erected in the Yosemite Terrace Tract, and has been designed to contain seven rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire place. Mantels will be of tile. Bath room will have tile wainscot and composition floors. An automatic water heater is specified. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE—2 story and base, hollow tile, \$5,000. Stockton, San Joaquin Co., Cal. Architect, Ralph P. Morrell. Odd Fellows Bldg., Stockton. Owner, Ben R. Farrar. The dwelling will be erected in the Yosemite Terrace Tract, and has been designed for a seven room house with bath and sleeping porch. Interior will be finished in pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot and floor. Exterior of the house will be covered with cement plaster. Plans are nearly complete and the work will be done by Day Labor.

CHURCH—2 story and base, brick and steel, \$25,000. Stockton, San Joaquin Co., Cal. Architect, John J. Foley, 46 Kearny street, S. F. Owners, St. Gertrude's Parish. The building will be designed in the Renaissance style and will be faced with pressed brick, trimmed with terra cotta. Interior will be finished in pine and ornamental plaster. Plans provide for steam heat and an oil burning plant. The main auditorium will seat 550 people. Art glass and considerable marble work will be used. Preliminary sketches have been approved and working drawings will be completed at once. Construction will not be undertaken until summer.

CAPITOL ADDITION—5 story. Class A construction. Cost not stated. Sacramento, Cal. Architect, State Department of Architecture, Sacramento. Owners, State of California. News comes from Sacramento that land is being sought on which to construct a

five-story fireproof building to house the overflow from the State Capitol. Some five or six parcels of land will be submitted to the Board of Control on April 5th. Plans for the new building will be prepared by the State Department of Engineering. The building is to have 25,000 square feet of floor area on each of the floors. Further mention will be made of the work.

COURT HOUSE—2 story, base and dome, reinforced concrete, \$90,000. Alturas, Modoc Co., Cal. Architect, E. J. De Longchamps. Reno, Nev. Owners, Modoc County. Bids opened for this work show C. G. Sellman of Reno low on the general construction at \$87,385, and the Savage Heating and Plumbing Co., also of Reno, low on the heating and plumbing at \$7,296. Even with these figures the building cannot be constructed within the amount available and all bids were rejected. The architect will probably be allowed to revise the plans and new figures will be called. A complete list of the bids submitted will be found under the heading of Sacramento, Stockton and Northern California in this issue.

RESIDENCES—1 story, frame. Cost not stated. Sacramento, Cal. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: A. S. Gibbens, 1043 McCullough avenue, 1 story, frame, \$1,000, and Silvia Lavenxi 50th and J streets, four room frame cottage, \$800.

SCHOOL—1 and 2 story and base, reinforced concrete, \$200,000. Sacramento, Cal. Architect J. J. Donovan, Security Bldg., Oakland. Owners, City of Sacramento. The Board of Education has approved the final plans of Architect Donovan for the new building to be erected on the property at the corner of Cypress and Madrone avenues. The building has been designed for a combination primary and grammar school. Bids will be called for shortly. Further mention will be made of the work.

STORES AND LOFTS—3 story and base, brick and steel. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, Walter King, Elks' Bldg., Stockton. Owner, Dr. W. W. Stockwell. The building will cover a considerable area and has been designed for stores on the first floor and lofts above. Interior finish will be of pine throughout. Patent store fronts are specified. Exterior of the building will be faced with pressed brick, are complete and figures are being taken.

E. H. Williams

Chalmer Munday

Munday & Williams Attorneys-at-Law

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Reject All Figures Modoc Court House.

Lowest Bid of Fourteen Figures Is
Above Amount Available and Plans
Will Be Revised.

(By Special Wire.)

ALTURAS, Modoc Co., Cal., April 5th, 1914.—Fourteen sets of bids were opened by the Board of Supervisors for the construction of the new County Court House in this city, as designed by Architect P. J. De Longchamps of Reno, Nevada. All figures submitted, including plumbing, were above the amount available for construction. All figures have been rejected and plans will be revised when new bids will be called.

The following is a complete list of all bids received:

Modoc County Court House.

C. J. Matthews, Sacramento.....	\$102,600
I. Underwood, Lakeview.....	90,500
Caldwell & Son, S. F.....	92,587
Beach & Heffernan, S. F.....	122,334
Campbell & Turner, Sacramento	100,500
W. N. Concanon, S. F.....	95,872
C. G. Sellman, Reno.....	87,385
Plumbing and Heating, Modoc County Court House.	
W. N. Concanon, S. F.....	\$ 8,684
William Wagner, Reno.....	7,524
Savage Heating & Plumbing Co., Reno	7,296
Reno Plumbing & Heating Co., Reno	9,500
Gilkey-Schmid Co., S. F.....	9,053
Robert Dalziel Jr., S. F.....	8,384
Lafourrette Fical Co., Sacramento	10,000

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

N ½ OF S ½ LOT S. T. 12TH & 13TH
Sts., No. 7909 12th St., Sacramento.
One-story five-room frame dwelling.
Owner.....E. E. Scoble, 620 14th St.,
Sacramento.
Architect.....None.
Contractor.....E. E. Scoble, 520 14th St.,
Sacramento.

COST, \$2000

E 60 FT. LOT 4, J. K, 3RD AND 4TH
Sts., Sacramento. Metal furring,
lathing and plastering on ten-story
reinforced concrete store.
Owner.....Merchants' Imp. Co., Sacra-
mento.
Architect.....None.
Contractor.....Ransome Concrete Co., 506
F. and M. Bank Bldg., Sacra-
mento.

Sub-Contractor...H. A. Chalmers, Inc.
Filed Apr. 3, '14. Dated Mar. 12, '14.
COST, \$18,535

N ¼ LOT 8, M, N, 4TH AND 5TH STS.,
Sacramento. Alter building.
Owner.....M. Muramoto.
Architect...None.
Contractor...Siller Bros., 1614 13th St.,
Sacramento.
Filed Apr. 2, '14. Dated Mar. 31, '14.
COST, \$1551

LOT 1253 Wright & Kimbrough Tract
27, No. 2420 Miller Ave., Sacramento.
One-story 6-room frame dwelling.
Owner.....Dora Moffatt, Auburn, Cal
Architect...None.
Contractor...W. and K. Bldg. Dept., 817
J St., Sacramento.
COST, \$2500

E ½ LOT 6, P, Q, 25TH & 26TH STS.,
Sacramento. One-story 5-room frame
addition.
Owner.....C. Wells, 2523 Q St., Sacra-
mento.
Architect...None.
Contractor...R. M. Smith, 2017 18th St.,
Sacramento.
COST, \$400

S 40 FT. OF E 40 FT. LOT 8, Q, R,
10TH AND 11TH STS., Sacramento.
Hollow terra cotta tile for four-room
dwelling.
Owner.....R. Harder, 173' 10th St.,
Sacramento.
Architect...None.
Contractor...R. Harder, 1721 10th St.,
Sacramento.
COST, \$1200

N 40 FT. LOTS 7 AND 8, Allen &
Leitch Tract, Nos. 33-34 Allen Ave.,
Sacramento. One and one-half-story
frame dwelling.
Owner.....James Clark and S. C.
Phillips, 4011 Cypress Ave.,
Sacramento.
Architect...None.
Contractor...W. B. Phillips, 4011 Cy-
press Ave., Sacramento.
COST, \$2000

S ½ N ½ LOT 4, W, X, 5TH AND 6TH
STS., No. 2304 6th St., Sacramento.
One-story 5-room dwelling.
Owner.....Toney Silva, 4th, S and T
Sts., Sacramento.
Architect...None.
Contractor...C. Valine, 4th, S and T
Sts., Sacramento.
COST, \$1500

LOT 5 Marshall Court, No. 3422 Mar-
shall Ave., Sacramento. One-story
room residence.
Owner.....O. H. Moore, 2903 35th St.,
Sacramento.
Architect...None.
Contractor...O. H. Moore.
COST, \$1500

N ½ LOT 4, L, M, 29TH AND 30TH
STS., No. 2930 L St., Sacramento. One-
story partial garage.
Owner.....Fred Frocks, 1214 I St.,
Sacramento.
Architect...None.
Contractor...F. L. Fuller, 3315 I St.,
Sacramento.
COST, \$1500

N ¼ LOT 8, V, W, 17TH & 18TH STS.,
Sacramento. One and one-half-story
5-room dwelling.

Owner.....Abe Silverstone, 1824 10th
St., Sacramento.
Architect...None.
Contractor...A. Hollenbeck, 1631 K St.,
Sacramento.
COST, \$1500

E 26 ½ FT. OF W 55 OF SOUTH OF
43 ½ ft. of Lot 5, Front and Second,
R and S Sts., Sacramento. One-story
4-room frame dwelling.
Owner.....Frank Reco.
Architect...None.
Contractor...M. Simas, 511 R St., Sacra-
mento.
COST, \$800
LOTS 436 AND 437 Wright & Kimbrough
Tract 17, Sierra Ave. nr Schley
Ave., Sacramento. Two-story frame
dwelling.
Owner.....Harry Thorp, Care Wein-
stock-Lubin, Sacramento.
Architect...None.
Contractor...J. E. Harris, 114 P St.,
Sacramento.
COST, \$1200

W ½ LOT 8, S, T, 14TH AND 15TH
STS., No. 1411 T St., Sacramento. One
story 4-room dwelling.
Owner.....Fred Lachenmyer, 1223 T
St., Sacramento.
Architect...None.
Contractor...Hanson, 1321 14th St.,
Sacramento.
COST, \$250

E 60 FT. LOT 4, J, K, 3RD AND 4TH
STS., Sacramento. Plumbing, etc.,
for ten-story reinforced concrete
store building.
Owner.....Merchants' Improvement
Co., Sacramento.
Architect...None.
Contractor...Ramsome Concrete Co., 506
F & M Bank Bldg., Sacra-
mento.
Sub-Contractor...Latourette-Pical Co.,
25th and Sacramento Sts.,
Sacramento.
Filed Apr. 8, '14. Dated Apr. 6, '14.
COST, \$25,984

E ½ LOT 7, D, E, 23RD AND 24TH
STS., Sacramento. One-story frame
dwelling.
Owner.....Mrs. Louise Kelley, 1826
10th St., Sacramento.
Architect...None.
Contractor...J. M. E. Morrill, 1002 X
St., Sacramento.
Filed Apr. 8, '14. Dated Apr. 6, '14.
COST, \$2587

LOT 279 Wright & Kimbrough Add'n
No. 14, Upper Stockton Road near
High, Sacramento. One-story five-
room frame dwelling.
Owner.....Ed. Houston, General De-
livery, Sacramento.
Architect...None.
Contractor...D. Lamone, 219 Stanford
Ave., Sacramento.
COST, \$1500

E ½ OF N 100 FT. LOT 4, N, O, 4TH &
5th STS., Sacramento. Two-story
brick stores and lodgings.
Owner.....Chan Ho, 428 P St., Sacra-
mento.
Architect...None.
Contractor...Geo. S. Hayes.
COST, \$6000

SOUTHERN PACIFIC SHOP GROUNDS
Sacramento. One-story concrete
building (Hammer shop).

Owner, Southern Pacific Co., S. F.
Architect...None.
Contractor...Eng. Dept. S. P. Co.
COST, \$11,030

20x64 FEET LOT 4, K, L, 3RD & 4TH
STS., Sacramento. Brick and concrete
store and rooming house.
Owner.....M. Barnard, San Francisco.
Architect...F. H. Schardin, Forum
Bldg., Sacramento.
Contractor...L. G. Barton and L. E.
Hite (Barton & Hite), 902
L St., Sacramento.
Filed Apr. 7, '14. Dated Apr. 6, '14.
COST, \$5675

42 WEST CURTIS OAKS, First Ave and
22nd St., Sacramento. Two-story 7-
room frame dwelling.
Owner.....N. Jane Feagan, Merrium
Apts., Sacramento.
Architect...None.
Contractor...W. F. Feagan, Merrium
Apts., Sacramento.
COST, \$2750

E ½ LOT 7, D, E, 23RD AND 24TH STS.
Sacramento. One-story frame dwlg.
Owner.....Mrs. Louis Kelly, 1826 10th
St., Sacramento.
Architect...None.
Contractor...J. M. E. Morrill, 1002 X
St., Sacramento.
COST, \$2600

E ½ LOT 8 AND W 10 FT. LOT 7, H, I,
12th and 13th Sts., No. 1221 I St., Sacra-
mento. Two-story carriage repair
shop.
Owner.....Wm. Bowman, 1223 I St.,
Sacramento.
Architect...None.
Contractor...A. W. Norris, 409 21st St.,
Sacramento.
COST, \$2100

E ½ LOT 5, F, G, 27TH AND 28TH STS.,
No. 2721 G St., Sacramento. One and
one-half-story 7-room frame dwlg.
Owner.....H. E. Desenfans, Prem.
Architect...Allen W. Campbell, 3405
J St., Sacramento.
Contractor...R. V. Koker, 813 ½ J St.,
Sacramento.
COST, \$2000

S ½ LOT 1, K, L, 23RD AND 24TH STS.,
No. 1115 23rd St., Sacramento. One-
story 5-room frame dwelling.
Owner.....Mrs. S. Sturmer, 2300 K
St., Sacramento.
Architect...None.
Contractor...W. R. Saunders, 2810 I St.,
Sacramento.
COST, \$2000

NO. 815 ELEVENTH ST., bet H and I
Sacramento. Addition to Central M.
E. Church Building.
Owner.....The H Street Methodist
Episcopal Church.
Architect...None.
Contractor...John M. E. Morrell, 1002 X
St., Sacramento.
Filed Apr. 7, '14. Dated Apr. 4, '14.
COST, \$1298

LOT 1221 Wright & Kimbrough Tract,
No. 35; No. 1043 McCullough Ave.,
Sacramento. One-story frame dwlg.
Owner.....A. S. Gibbens, Premises.
Architect...None.
Day's work.
COST, \$1000

LOT 38 J ST. SUB 5, J bet. Golden Gate
and Pacific Ave., Sacramento. One-

story 4-room and bath frame dwlg.
Owner.....Silvia Lavenzi, 50th & J
Sts., Sacramento.
Architect...None.
Day's work. COST, \$600

8 1/2 LOTS 1 AND 2, C. D. 16TH & 17TH
Sts., No. 316 16th St., Sacramento.
Office and milk depot.
Owner.....Albert Meister, 232 16th St.
Sacramento.
Architect...None.
Contractor...C. W. McKay, 1018 T St.,
Sacramento. COST, \$500

E 20 FT. LOT 7, J. 11TH AND 12TH
Sts., Sacramento. Alter store front
and show windows.
Owner.....Schwab & Keyes, 1115 J
St., Sacramento.
Architect...None.
Contractor...Geo. E. Baumgarten, 1410 1/2
Q St., Sacramento. COST, \$300

LOS ANGELES AND SOUTH- ERN CALIFORNIA.

SCHOOL ADDITION—2 story and
base, brick and frame, \$25,000 to \$30,-
000. San Fernando, Los Angeles Co.,
Cal. Architects, Austin & Pennell,
Wright and Callender Bldg., L. A. Own-
ers, San Fernando School District. The
new portion of the building will con-
tain eight class rooms which will be
finished in pine with maple floors. The
present heating system, steam, will be
extended into the new portion of the
building. Exterior will be faced with
red pressed brick. Plans are being
prepared. Further mention will be
made of the work.

RESIDENCE—2 story and base,
frame, \$25,000. Hollywood, Los Ange-
les Co., Cal. Architect, Arthur S.
Heinemann, Fernando Bldg., L. A. Own-
er, Mrs. Russak. The dwelling will
cover an area of 80 by 60 feet and will
contain fifteen rooms, three baths and
sleeping porches. A garage will also
be erected on the property. Interior
will be finished in pine and hardwood.
There will be a central heating system,
probably furnace heat, and open fire
places. Mantels will be of tile. Hard-
wood floors will be used in the prin-
cipal rooms. Bath rooms will have
tile wainscot and floors and will be
equipped with showers. Considerable
art glass and ornamental grilles will
be used. Exterior of the dwelling will
be covered with cement plaster on
metal lath. Plans are nearly com-
plete and figures will be called for
shortly.

BANK AND OFFICES—5 story and
base, brick and steel. Cost not stated.
Long Beach, Los Angeles Co., Cal.
Architects, Krempf & Erkes, Henne
Bldg., L. A. Owner, William Prestin.
The building will be erected at the
corner of Pine avenue and Broadway,
covering an area of 50 by 150 feet.
While plans have been prepared for
a five-story structure it is possible
that only three stories will be erected
at this time. The first floor will con-
tain three stores and a banking room,
occupied by the Marine Commercial
and Savings Bank. Twenty offices have
been provided for on each of the upper
stories. There will be a steel frame
and brick exterior walls. Interior par-
titions will be of metal lath and plas-

ter. Elevator service, special bank
fixtures, vaults and metal window sash
and frames are specified. Exterior of
the building will be faced with pressed
brick. Plans are being prepared.

APARTMENT HOUSE, HOTEL AND
OFFICES—1 story and base, brick and
steel, \$15,000. Venice, Los Angeles Co.,
Cal. Architects, Western Architectural
and Building Co., Coulter Bldg., L. A.
Owners, Adiel B. Tomlinson and F. A.
Ripley. The building will be erected
at the corner of Westminster and
Ocean avenues, covering an area of 40
by 110 feet. There will be stores on
the first floor. Upper floors will be ar-
ranged for hotel rooms, apartments
and offices. Interior finish will be of
pine throughout. Plans provide for
steam heat, elevator service and a hot
water supply. Stores will have patent
fronts. Exterior of the building will
be faced with pressed brick. Plans are
being prepared. Excavating and founda-
tion work has been awarded to L.
C. Block.

APARTMENT HOUSE—3 story and
base, Class C construction. Cost not
stated. Los Angeles, Cal. Architects,
Blanchard & Tifal, California Bldg., L.
A. Owner, A. S. O'Neill. The building
will be erected at the corner of Pigne-
roa and Diamond streets, and has been
designed to contain 120 rooms which
will be arranged in two and three
room suites. Interior finish will be of
pine and elm. Some hardwood floors
will be used. Plans provide for steam
heat, a hot water system and vacuum
cleaning. All apartments will have
wall beds and private bath. Bath
rooms will have tile wainscot and com-
position floors. Exterior of the build-
ing will be faced with pressed brick.
Plans will go out for figures in about
two weeks.

APARTMENT HOUSE—1 story and
base, brick and steel. Cost not stated.
Los Angeles, Cal. Architect, C. C. Rit-
tenhouse, Washington Bldg., L. A.
Owner, A. L. Jamison, Black Bldg., L.
A. The building will be erected on
Cronin street near Ninth and will
cover an area of 104 by 122 feet. Plans
provide for a total of 100 rooms ar-
ranged in two and three room suites
with private baths. Interior finish will
be of pine and redwood with some
hardwood floors. There will be steam
heat, elevator service and a hot water
supply. Bath rooms will have tile
wainscot and composition floors. Ex-
terior of the building will be faced
with pressed brick. Plans are being
prepared.

HOTEL—5 story and base, Class B
construction, \$115,000. Los Angeles,
Cal. Architect, John Brown, Hollings-
worth Bldg., L. A. Owner, H. Ham-
ilton Forline. The building will be
erected on Figueroa street near 6th,
covering an area of 100 by 165 feet.
There will be a number of modern
stores on the first floor besides the
hotel entrance and lobby. Upper floors
will contain a total of 210 guest rooms,
a large per cent of which will have
private baths. Interior will be fin-
ished in pine redwood and hardwoods.
There will be steam heat, elevator
service, a vacuum cleaning plant and
hot water supply. All bath rooms will
be finished in tile. Metal window sash,
frames and patent store fronts are
specified. Exterior of the building will
be faced with pressed brick. Prelimi-
nary plans have been prepared.

HOTEL—3 story and base, brick and
steel. Cost not stated. Los Angeles,
Cal. Architect, Joseph H. Rhodes, Cen-
tral Bldg., L. A. Owner, R. F. Bennett.
The building has been designed to con-
tain stores on the first floor and a total
of 60 guest rooms and 10 baths on the
upper floors. A site on Cetes avenue
near 5th street has been secured, cov-
ering an area of 38 by 100 feet. Inter-
ior finish will be of pine throughout.
Plans provide for steam heat and a
hot water supply. All bath rooms will
have tile wainscot and composition
floors. Exterior of the building will be
faced with pressed brick. Plans are
complete and in the hands of the owner
who will do the work by Day Labor.
Materials are now being purchased.

HOTEL—1 story and base, Class C
construction. Cost not stated. Los
Angeles, Cal. Architects, Walker &
Vawter, Hibernal Bldg., L. A. Owner,
D. F. Hill. The building will be erect-
ed at the northwest corner of Sixth
and Wall streets, covering an area of
79 by 120 feet, and has been designed
to contain stores on the first floor be-
sides the main hotel entrance and
lobby. Upper floors will be arranged
for a total of 110 guest rooms and 40
baths. Interior finish will be of pine
and redwood. Plans provide for steam
heat, elevator service, a vacuum clean-
ing system and hot water supply. Bath
rooms will have tile wainscot and
composition floors. Exterior of the
building will be faced with pressed
brick. Plans are complete and figures
are being taken.

STORES AND OFFICES—8 story and
base, Class A construction, \$100,000.
Los Angeles, Cal. Architects, Morgan,
Walls & Morgan, Van Nuys Bldg., L.
A. Owner, William G. Kerckhoff. The
building will be erected at the north-
west corner of Sixth and Los Angeles
streets, covering an area of 121 by 143
feet. There will be nine stores on the
first floor, light lifts on the second
and third floors. The Santa Fe Rail-
road Co. has taken a long-term lease
on the upper five floors, which will be
arranged for offices. Construction will
be of the reinforced concrete type
with reinforced concrete walls, floors
roof slabs and stairways. Interior
will be finished in birch throughout,
with marble and tile floors and wain-
scot in the corridors and lobby. Plans
provide for steam heat, four passenger
elevators and one freight elevator,
hot water system, vacuum cleaning
and mail chutes. Metal window sash
and frames and hollow tile and metal
lath and plaster partitions will be
used. There will be patent store
fronts and sidewalk doors, lifts and
lights. Exterior of the building will
be faced with enameled brick. Plans
are complete and figures are now be-
ing taken.

Contracts Awarded.

APARTMENT HOUSE—4 story and
base, brick and steel, \$100,000. Los
Angeles, Cal. Architect, Frank M. Ty-
ler, Black Bldg., L. A. Owner, Rupert
Johnson. Contractors, Hubbard &
Gardner, Douglas Bldg., L. A. Con-
tract price, \$100,000.

RESIDENCE—2 story and base,
follow tile construction, \$25,000. Cap-
istrano, Orange Co., Cal. Architects,
Walker & Vawter, Hibernal Bldg., L.
A. Owner, Miss Grace Dolph. Con-
tractor, John L. Conner, 435 West 31st
street, L. A. Contract price, \$25,000.

PORTLAND AND OREGON.

THEATRE AND OFFICES—4 story and base, reinforced concrete, \$100,000. Portland, Ore. Architect, Aaron Gould, Henry Bldg., Portland. Owner, Melvin G. Winstock. The building will be erected at the corner of Park and Stark streets, covering an area of 100 feet square. There will be eight stories besides the theatre on the first floor. Upper floors will each contain 20 modern offices. Construction will be fireproof throughout. Interior finish will be of pine and hardwood, marble and tile. The theatre will have a seating capacity of 2,000 people. Plans provide for steam heat, elevator service, patent store fronts, metal window sash and frames and a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans will be out for figures within two weeks.

BRIDGE—Steel and concrete, \$30,000. Kellogg, Ore. Engineer, Horace C. Hall, Grants Pass, Ore. Owners, Douglas County. There will be two spans each 200 feet in length with a third connecting span of 125 feet. Approaches will be of reinforced concrete. The roadway will be sixteen feet. Plans are now being prepared and figures will be called for shortly.

CHURCH—1 story and base, reinforced concrete, \$10,000. McMinnville, Ore. Architect, B. B. Ostlin, McMinnville. Owner's name withheld. The building will cover an area of 60 by 120 feet with a nave of 50 by 80 feet. A spire 120 feet in height will also be constructed. Interior of the auditorium will be finished in pine and ornamental plaster. There will be steam heat, art glass windows and marble work. Exterior of the building will be faced with cement plaster. Plans are being prepared. Further mention will be made of this work when figures are called.

Contracts Awarded.

FACTORY—6 story and base, reinforced concrete, \$70,000. Portland, Ore. Architects, Jacobberger & Smith, Board of Trade Bldg., Portland. Owners, Iloerntecker Mfg. Co. Contractor, James P. Taylor, Macleay Bldg., Portland. Contract price, \$70,000.

HOTEL—2 story and base, brick, \$32,200. Pendleton, Ore. Architects, Tourtelotte & Hummel, Rothchild Bldg., Portland. Owners, Pendleton Hotel Co. Contractor, J. S. Winters, Couch Bldg., Portland. Contract price, \$32,200.

SEATTLE AND WASHINGTON.

APARTMENT HOUSE—4 story and base, brick and steel, \$35,000. Seattle, Wash. Architect, V. W. Voorhees, Ellet Bldg., Seattle. Owner's name withheld. The building will be erected at the corner of 4th avenue and Bell street, and will contain 40 rooms arranged in two and three room apartments. All suites will have wall beds and private bath rooms. Interior finish will be of pine and redwood. Oak floors will be used in the principal rooms. A central heating system, probably steam heat, will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

APARTMENT HOUSE—3 story and base, brick, \$35,000. Seattle, Wash. Architect, Frank H. Fowler, Central Bldg., Seattle. Owner, D. O. Boyd. The building will cover an area of 73 by 120 feet, and has been designed to contain 35 suites of two and three rooms. Interior finish will be largely of pine with some hardwood floors. All apartments will have wall beds and private bath rooms. Plans provide for steam heat and a hot water supply. Bath rooms will be finished in tile with composition floors. Entrance will have tile and marble wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

WAREHOUSE—4 story and base, reinforced concrete, \$200,000. Seattle, Wash. Architect, Port of Seattle Commission, Central Bldg., Seattle. Owners, State of Washington. The warehouse will be erected on Whatcom avenue between Seacey and Lander, and will cover an area of 78 by 138 feet. Construction will be fireproof. The building will be equipped with all modern conveniences and is to have fireproof doors, metal window sash and frames. Plans are complete and figures are being called. Bids will be opened on April 15th. Alternate bids may be submitted on plans prepared by the bidders and accomplishing the purpose of the design furnished by the Port of Seattle Commission.

RESIDENCE—2½ story and base, tile, \$50,000. Seattle, Wash. Architect, Carl Gould, Boston Bldg., Seattle. Owner, J. H. Bodell. The dwelling will be erected on Harvard Boulevard, covering an area of 40 by 62 feet with a wing 25 by 35 feet. There will be in the neighborhood of twelve rooms, several baths and a garage. Much landscape work is also contemplated. Interior of the dwelling will be finished in pine and hardwoods. Hardwood floors will be used in the principal rooms. There will be steam heat and a hot water supply. Portable vacuum cleaners are also specified. Bath rooms will have tile wainscot and composition floors. Exterior of the dwelling will be covered with cement plaster. Plans are complete and ready for figures.

STORES AND OFFICES—22 story and base, steel and reinforced concrete, \$750,000. Seattle, Wash. Architect, E. W. Houghton, Collins Bldg., Seattle. Owner, C. H. Jones, representing Chicago capital. The building will be erected at the northeast corner of Second avenue and Marion, covering an area of 108 by 122 feet. The interior first floor, except that portion devoted to the entrance, will be occupied by a high class moving picture theatre. Upper floors will contain a total of 420 offices. Construction will be fireproof throughout with a complete steel frame, reinforced concrete walls, floors and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. Interior of the theatre will be handsomely finished in ornamental plaster. Metal trim, hardwoods, marble and tile will be used for finish throughout the office portion of the building. Basement of the building will be occupied by a cafe. The plans provide for seven passenger elevators, steam heat, hot water system, vacuum cleaning and mail chutes. Exterior will be faced with marble and

terra cotta. Plans will be ready to submit to the owners inside of two weeks. Further mention will be made of the work.

DOCK—Reinforced concrete, \$300,000. Seattle, Wash. Engineer, Engineering Department Standard Oil Co., Standard Oil Bldg., S. F. Owners, Standard Oil Co. The work will consist of the construction of a 175-foot dock on the east side of East Waterway. A corrugated iron shed will also be constructed. Plans are now being prepared and figures will be called for shortly.

FACTORY, WAREHOUSE AND DOCKS—Concrete construction. Cost not stated. Seattle, Wash. Architect, Charles H. Bebb, Denny Bldg., Seattle. Owners, National Producers and Consumers' Alliance Co., Inc. This project is one of the largest schemes yet conceived to bring about an alliance between the producer and consumer. Included in the project is the construction of factories and warehouses, ice and cold storage plants. The promoters claim to have secured a large tract of valuable land and to have hundreds of thousands of dollars pledged to the project.

Contracts Awarded.

THEATRE—3 story and base, Class A construction, \$80,000. Seattle, Wash. Architect, H. Ryan, Northern Bank Bldg., Seattle. Owners, Blaine Estate, Contractor, H. D. Stewart, American Bank Bldg., Seattle. Contract price, \$80,000. Note: The contractor is now taking subfigures on the work.

APPROACH FOR STEEL WORK—\$300,000. Hope, B. C. Engineer's name not given. Owners, Kettle Valley Railroad, Hope, B. C. Contractors, tractors, Canadian Bridge Co., Hope, B. C. Contract price, \$300,000.

GOVERNMENT ARCHITECTURE SINCE THE TARNSEY ACT.

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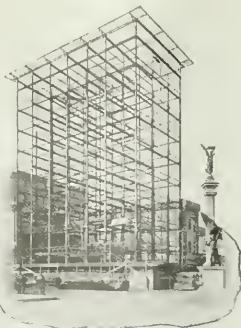
John Hall Rankin,*

*Architect, Philadelphia, Pa. Chairman of the committee on government architecture. Associated with him were J. L. Mauran, M. B. Medary, Jr., Egerton Swartout, Breck Trowbridge and Walter Cook, ex-officio.

The government at the close of 1912 was left, through the repeal of the Tarnsey act, without any means of procuring architectural service outside of the office of the supervising architect of the Treasury and such other bureaus for the preparation of plans as are maintained by other departments, beyond some isolated instances where authority to make other arrangements had been attached by Congress to authorizations for public buildings. There was much difference of opinion in the profession as to what should be done to change this condition; some advocating a bureau of fine arts; others a national board of works; while many advised the enactment of a law similar to, but more comprehensive than the Tarnsey act; while others felt that the certainty of intolerable conditions which would soon confront the government, made it desirable for the Institute to take advantage of the wave of discontent that this state of affairs

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must inevitably bring about. As it turned out, members of Congress attending the extra session, found upon inquiry and investigation, that the supervising architect's office was not in position to take up any new work for several years. This created a general demand in Congress for some sort of action. Various members of the Institute reported that they found, when discussing the question with members of Congress that there was a latent sentiment of great dissatisfaction and it was believed that perhaps this could be brought to a focus behind some form of legislation.

Congressional Committee on Buildings.

That a general feeling exists in Congress that the whole public building question is in wretched shape is indicated by a provision in the public buildings bill, approved March 4, 1913, which is as follows:

"A commission composed of the Secretary of the Treasury, the Postmaster General, the Attorney General, two members of the committee on public buildings and grounds of the Senate to be appointed by the President of the Senate, and two members of the committee on public buildings and grounds of the House of Representatives, to be appointed by the Speaker of the House, shall, with the aid of the supervising architect of the Treasury, present to Congress a connected scheme, involving annual appropriations for the construction and completion of public buildings hereinafter authorized with a reasonable time, and shall frame a standard or standards by which the size and cost of public buildings shall, as far as practicable, be determined, and shall report as to the adaptability in size, accommodations, and cost of buildings hitherto authorized to the requirements of the communities in which they are to be located, and also whether the existing appropriations should be increased or diminished to meet such requirements."

From this it would seem that the United States, which has under way and in contemplation more building than any other government in the world, is drifting aimlessly in respect to this work, and without definite policy regarding what is to be an important part of the enduring evidences

of the taste and cultivation of our time. It is to be hoped that the commission just referred to, consisting entirely of government officials and employees, may seek the advice and counsel of the profession for whose work it is charged with the responsibility of preparing a connected scheme.

There are a number of courses which the Institute may follow in order to assist in getting the question of government architecture placed on a basis commensurate with its importance, it being assumed at the outset that the Institute owes it to itself and to the government to take the initiative in a matter so directly involving its aims and ideals. These may be briefly outlined as follows:

First—Conditions being so generally unsatisfactory to Congress itself, we may confidentially await results with the certainty that some action will be taken by the government in the near future, free from any responsibility concerning whatever measure of relief may be decided upon. It seems so obviously the duty of the Institute to point the way however, that this suggestion may well be rejected as unworthy of serious consideration.

Second—The idea of a department of fine arts, or a board of works, or a bureau of arts and buildings, under which all government expenditures for art in any form may be handled, has most deservedly found an important place in the minds of those interested in architecture and other arts. Legislation leading to the establishment of such a department, that would have jurisdiction over all buildings, sculpture, objects of art, and all works involving these, has been the dream of many of our most earnest members, and it has many advantages. It would immediately place the question of government architecture and related arts in a position of great importance, and would perhaps enable many things to be done properly which are now done in a slipshod and slovenly way. On the other hand there are objections to such a plan, which might delay indefinitely its enactments into law. It would be opposed by all departments of the government for the reason that no department desires to relinquish control of its work to another department. Its adoption would probably

mean that all government architecture must necessarily be put on a competitive basis, because no other arrangement seems possible for work of such volume as that now conducted under the supervision of the Treasury Department, and it would be difficult or impossible to make distinctions. As it now stands, any government department, except the Treasury Department, can employ architects by direct selection, and it is a question whether the Institute should advocate a measure that would make it impossible for the government to employ private architects except by competition. The drafting of a bill to create a department such as would be necessary to take care of all this work, would be a task of great difficulty and could only be done properly with the assistance of the best legal and legislative experience, after considerable study and research. Therefore, while this plan has much merit, and while its consummation at some future time is to be looked forward to, the Institute should carefully consider whether it covers the needs of the immediate future.

Third—The Tarsney act proved to be a workable law, and there appears no reason why a similar law, with some slight but important modifications, would not be entirely practical and satisfactory as far as the Treasury Department work is concerned, for the near future at least. The enactment of such a law giving the additional authority to the Secretary of the Treasury to employ juries in each competition, to pay fees to competitors and juries, requiring him to apply it to all buildings above a certain cost and to conduct the competitions and pay the successful architects in accordance with the best practice, may well be considered as a relief from present conditions, while further thought could in the meantime be given to the designing of a plan and working out the details of a proposed department of fine arts.

Whether such a bill could pass Congress at present constituted is not now certain. A bill was drafted by the committee during the present year, not for introduction for passage, but at the request of a member of Congress to enable him to make a canvass of the House.—From Pacific Builder and Engineer.

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OFFICIAL LIST OF MEMBERS OF SAN FRANCISCO LOCAL NO. 2 OF THE SPECIALTY CONTRACTORS' ASSOCIATION OF CALIFORNIA, OFFICE 185 STEVENSON ST. TELEPHONE SUTTER 995. MEETS SECOND AND FOURTH MONDAYS OF EACH MONTH AT 1:30 P. M. AT THE BUILDERS' EXCHANGE.

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Balke, Rht.
Edwards, C. H.
Hayden, Fred
Lynch, Richard
McAbee, E. T.
Mangrum, Wm. H.
Snell & Dennis
Ward, J. E.

Lime & Plaster
Dealers.
Arden Plaster Co.
Cal. Lime & Hy-
drate Co.
Cowell Lime &
Cement Co.
Guerlin & Co., J. S.
Holland, J. P.
Lennon Co., J. E.
Pacific Portland
Cement Co.
Western Lime &
Cement Co.

Lumber Dealers.
Acme Lumber Co.
Brook Lumber
Lumber Co.
Columbia Lumber
Co.
Doe Co., Frank F.
Hardy Lumber Co.
Hart-Wood Lum-
ber Co.

**Hauptman Lum-
ber Co.**
Krusse Co., J. H.
Higgins Lumber
Co., J. E.
Loop Lumber Co.
MacDonald Lum-
ber Co.

Moore Mill and
Lumber Co.
Olson - Mahony
Lumber Co.
Peterson, E. T.
Pope & Tatol
Reinhart Mill &
Lumber Co.

Ryan, George
Saw Mill
Valley Mill & Lum-
ber Co.
Sata Fe Lumber Co.

S. F. Lumber Co.
Schouten & Co., J.
W.
Sunset Lumber Co.
Tierman & Beronio
Van Arsdale-Har-
vey Lumber Co.

Wilson Bros. & Co.
Wall, Jos. P.
Western Lumber Co.,
E. K.

Yates, Wm F
**Magnetic Floor-
ing.**
Arlott Mfg. Co.
Bender R & P. Co.
Dwan & Co., J. E.
Fibrestone &
Roofing Co.
Flaherty R & P. Co.
R. H.

Goodmansoon, A. K
Mabott & Peterson
Watsonite Co.

**Maniacs, Tiles &
Grates**
Ginsberg Bros.
Kirwan & Dono-
van
Mangrum & Otter
Peerless Agencies
Co.

Rigley, Thos. F.
Watson Mantel &
Tile Co.

Marble and Mosaic
Work.
Gneec, A. H.
Grassl & Co., P.
Missing Concrete
Works
Mission Works
Missions Sons-Keen-
nan Co.

New Era Marble
& Concrete Co.
Vermont Marble
Co.

**Atlantic Fire-
proofing Co.**
Berger Mfg. Co.
Holloway Metal
Lath Company.
Lilley & Thurston

Roebblings Sons
Co., John A.
Waterhouse &
Price Co.

Western Builders
Supply Co.

Metal Stamping
S. F. Metal Stamp-
ing & Corr. Co.
Oile and Grance.
Hatch, J. G.
Standard Oil Co.
**Ornamental Plas-
ter.**
Benkman, Ed. G.
Kinser, Theodore
Larson, F. F.
Lipp & Co., J. P.

**Painters and Deco-
rators.**
Baker Co., W. T.
Bernstein, Wm.
Blum, Louis
Brook Lumber
BURNS Bros.
Clark & Dickson
Cramer Bros.
Connor, E. J.
Coppick, T. W.
Dahl, T. H.

Donovan, V. J.
Erickson, Wm.
Hansen, Elbing A.
Lewis, S.
Miller, Geo. F.
Bernard, Geo. F.
Condon & Band
Dunn, Neil H.
Empire Plumbing
Co.

Goss, Wm. P.
Grondona, A.
Housten, J. J.
Kara, F. E.
Kierman & O'Brien
Kirschbaum, W. F.
Lacey Bros.

Lauder, H. I.
Lawson, Herman
Lettich Bros.
Levy Plumbing
Co., M.
Looney Co., J.
May

McEnhill, Leo. J.
McLeod, J. J.
Penkerton, J. H.
Perkins, H. J.
Skelly, Thomas
Shears, John
S. N. O. & Co.

Stewart, James E.
Turner Co., The
W. H. The
Wilson & Co., W.

**Paints, Oils Var-
ishes, Etc.**
Clark & Dickson
Cohen & Co., Mar-
lon D.
Fuller Co., W. P.
O'Brien, J. S.
Paraffine Paint Co.
Pratt & Lambert
Whittier - Coburn
Co.

Patent Chimneys
Clawson Co., L. P.
Dresser - McPh-
erson
Hugley H. J.
Dunley & Genti-

Pile Driving
Lamburth, C. E.

Planning Mills.
Anderson Bros.
Atlas Planning
Mill Co.
Birth Co., L. H.
Bulfinch Supply
Depot

Cal. Door Co.
Cal. Planning Mill
Emanuel, L. E.
(Inc.)
Empira Planning
Mill

Hermann, A.
Herring's Mill
Holden - Deuprev
Co.
Lorden Mill Co.
J. P.

Moist St. Planning
Monroe Mill & Lum-
ber Co.
Premus Planning
Mill

Reinhart Lumber
& Planning Mill
Ryan, George
San Antonio Plan-
ing Mill

**Santa Clara Val-
ley Mill & Lum-
ber Co.**
Shenker St. Plan-
ing Mill
Tie & Co.
Usena Mfg. Co.
Western Planning
Co.

Verble & Collins
Yates, Wm F.

Plasterers
Bosch, Herman
Bradley & O'Reilly
Brennan, James
Burt, Chas.
Campbell, Chas.
Cashman, M. J.

Chalmers, H. A.
(Inc.)
Fay, John
Greenback, Joe.
Connell Co., J. E.
Daly, J. H.
Duthie, Chas.
Fraser, Simon
Fry, A.
Gilmour, W. G.
Jacobson, N. S.
Knowles, A.

Leaf & Kaiser
Lyddell & Rickett
MacGrue & Co.
Mowat Donald
Orford, J. A.
Phillips, J. J.
Sexton, T. D.
Terranova, A. J.
The Pacific Plas-
tering Co.
Wagner, James A.

Planning and Gas
Fitting.

Ahbach & Mayer
Alton, Thom. W.
Bosch, Herman
Bernard, Geo. F.
Condon & Band
Dunn, Neil H.
Empire Plumbing
Co.

Goss, Wm. P.
Grondona, A.
Housten, J. J.
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Kierman & O'Brien
Kirschbaum, W. F.
Lacey Bros.

Lauder, H. I.
Lawson, Herman
Lettich Bros.
Levy Plumbing
Co., M.
Looney Co., J.

May
McEnhill, Leo. J.
McLeod, J. J.
Penkerton, J. H.
Perkins, H. J.
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W. H. The
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Mark-Louis Co.
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Frederick & Pas-
senger.
Kent, James B.

Railway Materials
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Myers.
Orenstein & Ar-
thur Koppel Co.

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Lamburth, C. E.
Markley, James E.

**Roofing, Gravel &
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Bender Roofing &
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Cantley & Co., J.
Enterprise Roof-
ing Co.

Flaherty, R. H.
Goodmansoon, A. K.
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Co.
Lawson Roofing
Co.

Lovett Bros.
Malott & Peterson
Parry & Co., H. M.
Rapid Roofing
Co.
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Thibbets Roofing
Co.

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**Roofing (State &
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Co., H. W.
Parame Paint Co.
Waterhouse &
Price

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Magnesia Co.
Western Builders'
Supply Co.
Whittier - Coburn
Co.

Sand, Gravel, Etc.
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Cal. Building Ma-
terial Co.
Holland, J. P.
McMullin Bros.
Stor Co., E. B. &
A. L.

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ment Syndicate.

Sanitary Corbels
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Bill & Booben
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McDermott, W.

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Ventilating Wks.
Barth Cornice
Works

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Comyns & Nygren
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G. & Sheet
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Hughes, H.
Huraheille Bros.
Ideal Cornice Wks.
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al Works.

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ing & Corr. Co.
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Phoenix Sidewalk
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Porter, W. E. J. A.
Stewart, J. K.

Stonemasonry.
Foster & Shatt
Wright, J. H.

Steel Bars.
Baker & Hamil-
ton
Dawson & Noyes
Woods & Hud-

Steel Erector.
Schauer, Fred C.
Pioneer Con. Co.
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struction Co.

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Kawner Mfg. Co.
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Brantley, L. V.
Button, L. V.

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L.
Dillon Teaming Co.
Hallett, J. D.
Holland, J. P.
Lennon Co. J. E.
Lentler, Fred.
Loggen, Ernest
McGlinchey &
Monahan
Montague Co., P.
O'Day Co., D.
Pico Edw., F.
Powers, Chas. J.
Sibley Teaming &
Grading Co.
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Tilling.
Ginsberg & Co., S.
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Vacuum
Bill & Jacobson
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Co.
Wall Beds.
Marshall - Stearns
Co.

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Simon Neilson Co.
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Taylor, L. A.
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Progressive Win-
dow Cleaning
United Window
Clean Co.
Windows, Patent.
Birth Co., L. H.
Simplex Window
Co.

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Co.
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Co.
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tor Co.
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age Co.
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Norris, L. A.
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**Heating & Vent-
ilating.**
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ing & Heating,
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Cranan, Wm.
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Montague, W. W.
& Co.
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Raising.**
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rior Co.
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OF SAN FRANCISCO

180-188 JESSIE STREET

PHONE KEARNY 4700

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Asst. Secretary, W. J. Carberry.
Doorkeeper, E. R. Wolcott.

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Phoenix Iron Wks
Walston Iron Wks
Chandler Iron Works

St. Francis Orn.
Iron Works
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Stove & Foundry
Co.
Zulcan Iron Wks
Western Iron Wks
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Cal. Art Glass Co.
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American Bond-
ing Co.
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Co. of Maryland
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MacMeans, H. V.
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Stelger, T. C. and
Pottery Wks.
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Building Material.

California Build-
ing Material
City Supply Co.
Fennell Co., The
Kortick - Falls
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Howard, J. T.
J. E. Lennon.
Johns-Manville Co.
Lilly & Thurston
Co.

**Pacific Refining &
Roofing Co.**

Parrott & Co.
Paraffine Paint Co.
Pratt Building &
Material Co.
Quality Lime and
Cement Co.
United Material Co.
Waterhouse &
Western Price Co.
Supply Co.

Building Paper

Lilly & Thurston
Co.

Cement Dealers

Balfour, Guthrie
Co.
Cowell Lime & Ce-
ment Co.
Holmes Lime Co.
Holland, J. T.
Leonard, J. J.
Maynard, Jr., J. L.
Meyer, A.
Pacific Portland
Cement Co.
Quality Lime and
Cement Co.
Western Building
Materials Co.
Standard Portland
Cement Co.

Concrete.

Chase, Silas A.
Camp & Carillon
Uncanson, Har-
relson Co.
Foster & Vogt.
Goodman Archi-
tad Stone Co.
Hann, C. W.
Leonard, J. J.
Lynch, A.
Pasquini, J. J.
Oakland, Charles
Stangquist &
Forbes
Zimmerman, L. M.

**Concrete Rein-
forcement.**

Lilly & Thurston
Co.

**Contractors &
Builders.**

Allen, J. M.
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Bathur, L.
Bateman, J. C.
Borling, F. H.
Born & Son, S. A.
Brady, C. A.
Braunton Bros.
Burdick, Vm. A.
Caldwell, W. W.
Cameron & Dis-
son.
Cavanaugh, Thos.
Chisholm, R. A.
Cobby, J. W.
Concannon, W. N.
Conrad, H.
Creschino & Son,
Lewis
Dewar, R. & Son.
Elam, Thos. & Son
Elliot, E. W.
Fahy, R.
Flacher, Fred.
Franz, Val.
Gillespie, G. G.
Gallagher, Frank
Gardner, Florent.
Greig, Robt.
Hansbrough Bros.
Healey - Tibbitts
Co. Co.

Hinson, L. A.
Hill, J. A.
Hobbs & Son.
Howkins, A.
Ingerson, C. A.
Jacks, H.
Jolley, P. J.
Jones, W. G.
Kent, S. H.
Knowles & Reich-
ley.

**Cuebing, Granite
McLennan, S. R.
Damp Proofs.**

Reigel & Jamison
Birth Co., L. H.
Simplex Window
Co.

Door Owners.

Rischmuller, Geo.

**Lang & Bergstrom
Leiter, E. T. &
Sons.**

Lynch, M. C.
Massey & Morrison
Mathews Con. Co.
Mathies, H. C.
McBain, J.
McKillop, R. and
Wm.
McLachlan, Thos.
Miller, Adam.
Moller, R. W.
Morey, H. B. & Son
Owsley, E. T.
Penny, Isaac.
McLeran & Peter-
son.

**Robinson & Gil-
lespie.**

Savage, M. J.
Simmen, John.
Smith, J. W. & Son
Spence, J. C.
Stockholm & Al-
lyn.
Terrill, G. C.
Terrell, L. N.
Walker Bros. Co.
Warwick, H. C.
Weller, Thos.
White Bros. (car-
penters)

Concrete Works.

Amsler, C. S.
Berger Mfg. Co.
Capitol Sheet Mtl.
Works.
Comyns & Child-
ers
Conlin, J.
Crown, Wm.
Forderer Cornice
Works.
Gulfoxy Cornice
Works
Appmann Cornice
Works.

Heldt, Wesley.
Morrison & Clark.
S. F. Cornice Co.
Western Furnace
& Cornice Wks

**Contracting
Lather.**

Lynch, Richard
Snell & Dennis
Raymond, W. H.

**Cuebing, Granite
McLennan, S. R.
Damp Proofs.**

Reigel & Jamison
Birth Co., L. H.
Simplex Window
Co.

Glass and Glazing.

Cal. Plate & Win-
dow Glass Co.
Cohen, L.
Cubbedick Glass
Co., L.
Friedman Bros.
Fuller, W. P. &
Co.
Habenicht &
Howlett
Holland, J. P.
Schwarz & Gut-
tlich (Inc.)

**Grinding & Team-
ing.**

Church, D. O., Co.
Dillon, D.
Eureka Teaming
Co.
Pay, S. J.
McClure, H. N.
Wilhelm, A. H.
Wilkie Co. A.
Williams, F. A.
Wright, Chas.
Monarch Teaming
Co.

Sibley, L. B.

McLennan, S. R.
Granite.
Bradbury, Thos.
Cal. Granite Co.
De Lano & Sons,
L. L.
Hunt, A. T.
Raymond Granite
Co.

Hardware.

Brittain & Co.
Krause, J. H.
Lorenz, Schiffrer
& Co.
Meyer, A.
Palace Hdq. Co.
Heat and Light
Pacific Gas and
Electric Co.

**Western Builders'
Supply Co.****Kauwaver System
Store Fronts.**

Falls & Thurston
Lilly & Thurston
Co.

Luthers.

Lynch, H.
Snell & Dennis
Light and Elec-
tric Co.
Lime, Cement, Etc.
Cement
Plaster Co.
Arden Plaster Co.
California Lime &
Material Co.
Cowell Lime &
Cement Co.
Holland, J. P.
Holland Distrib-
Lennas, Jas. E.
Lewson, W. E.
Pac Lime & Plas-
ter Co.
S. F. Lime Co.
Shasta Lime Pro-
ducers Co.
Western Building
Material Co.
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Lumber.

Acme Lumber Co.
Christenson Lum-
ber Co.
Hart-Wood Lum-
ber Co.
Humboldt Lumber
Co.
Hauptman Lum-
ber Co.
Hooper Lumber
Co.
Krause, J. H.
Loop Lumber Co.
Macdonald Lum-
ber Co.
Moore, R. R. Mill
& Lumber Co.
Olsen Mahoney
Lumber Co.
Pope & Talbot.
Sarta Fe Lumber
Co.
Schouten Lumber
Co.
Tiehan & Beron-
ie
Van Arsdale-Mar-
tis Lumber Co.
Wilson Bros. & Co.
Doe Co., P. P.
Lumber (Haze-
wood).

Dieckmann &
Howard, E. A.
Niehaus, Ed. F. &
White Bros.
S. F. Lumber Co.
Machinery.
Harris & Rickard
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Masons & Builders
 Alexander, R.
 Allen, C. J.
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 ney
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 Butcher & Hadley
 Byron, D. J. & Son
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 Fennell, Jas.
 Gale, M. F. & Son
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 Harrison, A.
 Higgins & Baker
 Hook, Chas.
 Hoffman, V.
 Hogberg & Lud
 wig
 Larson, H. H.
 Lawson, A. W.
 McGowan, M.
 Miller, J. W.
 Murray & Mow
 bray
 Mulenby Bros.
 Nagel, W. L.
 O'Connor & Col
 lins
 O'Rourke, T. F.
 Scott Co.
 Kainey & Phib
 lips
 Ringrose, R. & Son
 Scott, W. S.
 Walker, P. J.
 Watson, Sage
 Watson, Sidney
 White, J. M.
 Whitney & Davies
 Wilson, James A.
 Wygant, J. H.
Marble
 American Marble
 & Mosaic Co.
 Columbia Marble
 Co.
 Gervais, Henry

Lathings
 Larass, Peter, Co.
 Hunt, Andrew T.
 Maino, F. L. & Co.
 Musto & Sons, Jos
 Kerman Co.
 Vermont Marble
 Co.
Metallic Tiles
 Kilwin & Dono
 van
 Mangrum & Otter
 Montague & Co., W.
 Peerless Agencies
Metal Furring &
Lathing
 Holloway Ex
 panded Mtl Co.
 Laven, H. T.
 National Lathing
 and Furring
 Northwestern Ex
 panded Metal
 Co.
 Roebling Sons,
 John A.
Metal Window
Works
 Dwan, J. E.
Mosaic
 Amer. Marble &
 Mosaic Co.
 Gervais, H.
 Maino, F. L. & Co.
Office Fixtures
 Bateman, Wm.
 Forbes & Son, A. J.
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 Co.
 Simmen, John
Palaters
 Daniels, Gus V.
 Donovan, V. J.
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 Kuss, P. N.
 Lewellyn, J.
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 Spark, J. H.
 Tucker, W. W. Co.
 Neal, L. J.
Paint Burner
 Paint (Danp Re
 sisting.)
 Dwan Co., J. E.

Paints, Oils, Etc.
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 Fuller & Co., W. P.
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 Maundrell, H.
 Pacific Refining &
 Rooding
 Paraffine Paint Co.
 Whittier - Coburn
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 E.
 Dunlevy & Gettle
 Dresser - McDon
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 Burnham - Stan
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 Cal. Milling Co.
 Central Lumber &
 Milling Co.
 Elington &
 Huckle
 Herring Mill (Inc)
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 Kruse, J. H.
 Lorden Mill Co., J.
 P.
 R. B. Moore Mill &
 Lumber Co.
 Hooke Mill &
 Lumber Co.
 Pacific Mfg. Co.
 Reinhart Lumber
 & Planing Mill
 Co.
 Reilly, P. F.
 Santa Clara Mill
 & Lumber Co.
 San Mateo Plan
 ing Mill
 Searle & Hayman
 Taylor & Co.
Plasterers
 Blinner, Theo.
 Bradley & Reilly
 Carriek, M. H.
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 (Inc.)

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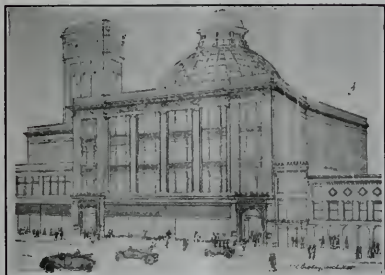
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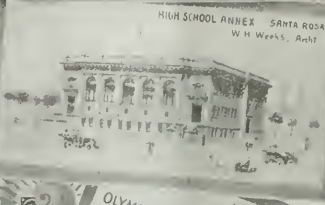
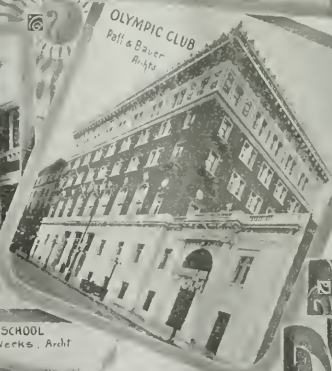
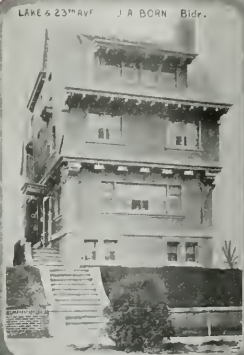
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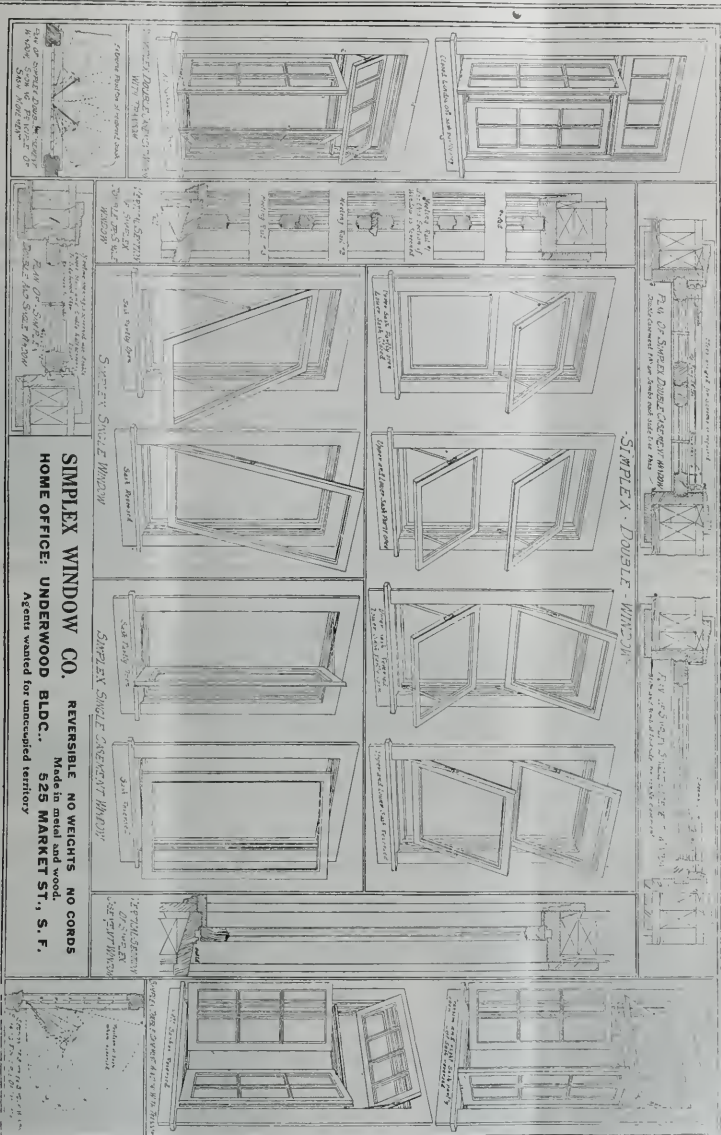
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San Francisco, APRIL 22, 1914

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ASSOCIATION OF CALIFORNIA.

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Editorial Comment.

Building construction for the month of March went along at about an even pace compared with the same month of last year. For San Francisco the figures amounted to just about 3½ millions and the figures for last year amounted to about the same sum. To be accurate the total for the month of March, 1914, amounted to \$3,507,763, while the figures for the same month last year reached \$3,576,376.

Separating the figures of last month into different headings the following figures represent the amount of construction: Brick and concrete, \$1,974,469; frame, \$723,374; alterations and additions, \$137,202. Total for private construction \$2,834,045. To this is added the Panama-Pacific contracts, \$140,964; City construction—Municipal Rail Road, \$268,511, and streets and sewers, \$41,806—; State work, \$220,187; U. S. Government, \$2,250 making a grand total of \$3,507,763.

The figures for San Francisco compare with the general condition throughout the country. Reports from about 75 different cities throughout the country, made to the American Contractor, Chicago, show a slight gain over last year. But the gain is so slight that it is hardly more than would be expected from the natural growth of the country and the increase of population. The following is a comparative table:

	March 1914.	March 1913.
Akron	\$ 288,160	\$ 235,060
Albany	947,900	400,255
Baltimore	918,362	814,871
Berkeley	263,550	334,350
Birmingham	236,595	849,725
Boston	3,067,110	1,204,350
Bridgeport	685,061	250,652
Buffalo	660,000	1,694,743
Cedar Rapids	170,350	151,000
Chattanooga	111,410	66,290
Chicago	\$115,600	7,690,600
Cincinnati	863,810	791,310
Cleveland	4,070,255	2,296,480
Columbus	655,995	307,328
Dallas	807,213	1,054,640
Dayton	335,100	41,775
Denver	311,610	322,400
Detroit	2,290,915	2,295,825
Duluth	263,541	1,797,205
East Orange	214,608	154,132
Evansville	107,615	102,462
Fort Wayne	170,475	207,472
Grand Rapids	1,239,253	184,750
Hartford	481,345	438,565
Indianapolis	782,384	754,305
Kansas City	1,516,380	911,260
Lincoln	72,500	83,675
Los Angeles	2,179,756	3,034,275
Louisville	601,525	391,010
Manchester	136,010	91,458
Memphis	370,500	573,321

Milwaukee	694,924	649,394
Minneapolis	2,093,915	755,885
Newark	321,240	1,173,888
New Haven	425,380	289,482
New Orleans	230,609	553,301
New York—		
Manhattan	7,912,254	9,287,233
Bronx	1,831,168	2,290,178
Brooklyn	3,736,130	3,018,295
Boro of Queens	2,831,855	2,463,550
Boro of		
Richmond	136,255	176,405
Total	16,447,662	18,235,661
Oakland	625,907	917,032
Omaha	321,165	265,575
Pateron	100,347	137,287
Pasadena	221,491	175,832
Peoria	500,285	106,000
Philadelphia	5,179,030	6,206,500
Pittsburgh	958,618	716,817
Richmond	539,485	615,236
Rochester	775,020	731,941
Sacramento	236,174	569,177
Salt Lake City	307,150	121,700
San Antonio	204,540	193,830
San Diego	262,686	492,840
San Francisco	3,507,763	3,576,376
San Jose	79,315	63,132
St. Joseph	44,736	78,370
St. Louis	1,450,034	1,452,939
St. Paul	2,343,702	1,063,286
Scranton	18,508	86,306
Seattle	923,480	768,850
Shreveport	122,503	97,407
Sioux City	286,535	155,565
South Bend	67,055	33,802
Spokane	86,335	159,920
Springfield, Ill.	79,140	40,705
Stockton	105,431	83,669
Syracuse	143,700	264,165
Tacoma	127,968	123,423
Toledo	556,928	282,255
Topeka	37,320	128,125
Troy	16,999	93,135
Washington	1,544,778	760,850
Wilkes-Barre	41,303	167,511
Worcester	351,228	469,812
Total	\$45,429,900	\$71,502,747

PRODUCTION OF ALUMINUM ORE IN 1913.

The demand for aluminum in the United States in 1913 showed a steady and rapid growth, according to W. C. Phalen of the United States Geological Survey. This resulted in a marked increase in the production of bauxite or aluminum ore, the output of which, according to final survey figures, was 210,241 long tons, valued at \$997,698, an increase of 50,376 long tons, or 31.5 per cent and \$228,766 or 29.8 per cent respectively, over the figures for 1912. This growth of the aluminum industry has been marked by health expansion and improvements in existing plants, the commencement of work at a new plant in the spring of 1914 and progress in the work on new power sites where largely increased hydro-electric power for use in the reduction of the metal will be in operation during the next few years.

Manufacture and Application of Paints.

An Interesting Paper on Some Important Phases of House Decoration.

From the Western Canada Contractor.

An interesting and instructive paper on paints and their applications was read before a recent meeting of the Vancouver branch of the British Columbia Society of Architects by H. H. Welch, local manager of the British American Paint Company, Vancouver, who is recognized in British Columbia as an authority on matters pertaining to this subject. Mr. Welch opened his discourse by describing the properties of corroded white lead, under the heading of "Pigments," his remarks being as follows:

"Corroded white lead (defined basic carbonate of lead) is really a combination of hydrated lead oxide with lead carbonate, in the proportions of one of the former to two of the latter, though these proportions are varied extremely. A theoretically correct composition of white lead is very dense and opaque, and is quite white, though not so white as oxide of zinc, and any excess of either chemical constituent impairs its color and quality. There are several methods of corroding lead. The oldest, and perhaps the best, is the old Dutch or 'Stack' process. The metallic lead is melted, cast into perforated discs or buckles, about six inches in diameter, which are put in earthen pots containing about a pint of vinegar or dilute acetic acid. These are placed in rooms holding several layers of many hundred pots. The pots are covered with boards, and layers of spent tan bark, or horse dung, are placed between each layer of pots. The rooms or stacks are kept closed for about one hundred days, during which period the heat and carbonic acid, generated by the fermentation of the spent tan bark with the acid vapors, combine to corrode the lead into a flaky white substance. After this is crushed, screened, floated, washed in water and dried—the result being the white lead of commerce which is afterwards ground in raw or refined linseed oil, and sold for general painting purposes.

"Another process of manufacture is the 'Cylinder' or quick process; in this method the molten lead is blown into fine granules by steam. The fine, powdered lead is put into large, slowly revolving wooden cylinders, moistened with dilute acetic acid, then for several days subjected to the action of air and carbonic acid derived from burning coke. It then goes through much the same process of grinding, washing, etc., as in the old Dutch process. The resultant corroded lead also is chemically very similar to the stack or old Dutch lead.

"A third method is the Dahl process, which consists in slowly pouring the molten lead into cold water, thus reducing it to a thin, fluffy condition. This is then placed in stationary tanks, through which a stream of diluted acetic acid is continually flowing, which eventually takes it up and converts it into basic acetate of lead. A stream of carbonic gas is passed through this solution, thereby precipi-

itating the lead in the form of basic carbonate. Lead corroded by this process is finer and whiter and takes up more oil in grinding than any other leads, but lacks the dense opacity of corroded lead. There are other processes of obtaining white lead, but these are the methods generally used.

Characteristics of Basic Carbonate of Lead.

"The outstanding characteristics of basic carbonate white lead are: It is very opaque; indeed it is one of the most opaque of all white pigments—this being largely due to the small quantity of oil needed to reduce it to a painting consistency. But, on the other hand, its spreading power is correspondingly small because the lead hydrate contained in it unites with the linseed oil to form a lead soap, which, while helping it to brush out, reduces its durability. In our cities, where sulphurated hydrogen gas is almost universally present, this kind of paint changes (on exposure) into black sulphide of lead. This is why pure white lead seldom retains its original color. White lead is a valuable and useful pigment on account of its opacity and working qualities, yet it is a treacherous one on account of its delicate durability and sensitiveness to atmospheric conditions. After one or two years good white lead paints will begin to disintegrate on the surface and wear off in the form of a white powder.

"A mixture of 40 per cent zinc and 60 per cent lead is more durable than pure white lead. A small percentage of inert pigments added to lead and zinc has been proven by the Master Painters' Association, working in conjunction with the United States Government, to be far superior to either pure white lead or pure white zinc. The results of exhaustive tests in different parts of the United States have upset the old theory that pure lead and linseed oil is the best paint. Based on these and other tests is my reason for advocating the use of ready mixed paints. Most of the leading paint manufacturers of mixed paints are now making their paints on the formulas which have proven more durable than pure white lead and linseed oil.

Objections of Painters to Mixed Paints.

"The painter is loath to use anything but lead and oil, claiming it is better because he knows what is in it. I venture to say that not one painter in one hundred has ever taken the trouble to test out paints made with other pigments and watch their results as compared with pure lead. Another reason why the painter dislikes mixed paint is that it is a little harder to brush out than his paint. He wants a paint that will spread easily, and makes it with this end in view, often sacrificing the quality of the paint to make it easy to apply.

"As to the vehicle, it is conceded by all paint authorities that of all the drying oils, linseed or flax seed oil is the most trustworthy and is, in fact,

the life of the paint. The purity of the linseed oil used is of the utmost importance. This oil is often sold in an adulterated form, the common adulterants being rosin oil, petroleum oil and fish oil. Petroleum oil has no virtue, except as a cheap adulterant. Rosin oil will cause the paint to become brittle and chip off, while fish oil never thoroughly dries, and is always tacky when the surface is exposed to the sun, thus collecting any flying dirt and grit that may come its way. Linseed oil is sold in two forms: raw and boiled. The raw is just as it comes from the crushed seed. On account of natural moisture in our humid atmosphere, it dries too slowly unless there is an excess of dryers added. The dryers do not improve the paint. In view of this fact, I would recommend boiled oil for all outside work, that is, if the oil is properly boiled.

"In regard to the boiling of oil, you are largely at the mercy of the manufacturers. There are several methods of boiling, a prevailing one is what is called 'bung hole boiling,' which is a pernicious practice, as no good lasting job can result. Another method is to boil the raw oil with rosin dryers. This also is only a substitute, and has nothing to recommend it, except its cheapness. It leaves the boiled oil a very light amber color.

"One of the best methods is to boil the oil at a sufficient heat to evaporate all the moisture, and add nothing but such dryers as red lead and oxide of manganese. By this method you can get a paint vehicle which allows the perfect oxidation and drying of the paint.

"The oxidation of paint is of the utmost importance because the absorption of oxygen by the linseed oil entirely changes it from a fluid to the tough, leathery coating so necessary for purposes of preservation. In this process of oxidation the linseed oil gains in weight about 16 per cent.

"The life of a good paint will vary, but should not be less than three years. Atmospheric conditions and exposures to various chemical gases have much to do in determining its durability. All new work should have three coats, namely: primer, intermediate and finishing coats.

Methods of Application of Paints.

"Never use a cheap primer. It is a common error that yellow ochre and oil make the correct primer. This is not the case, especially when the dry ochre is mixed by hand, since all dry colors are much bulkier in the dry state than when properly ground and combined with oil, so that when the hand mixture is combined without without pressure, the outside particles only are coated with the oil, and when the paint is applied to the surface, the wood, having a greater attraction for the oil than the pigment, absorbs the oil alone, thus leaving a dry, porous application to which subsequent coats cannot successfully bind themselves. Never prime over a wet or damp surface as it is bound to blister; this

blistering is caused by heat vaporizing the underlying moisture. The paint then becomes brittle and scales off. Before applying the second coat be sure the first one is bone dry. This coat should not be too oily or it will cause the finishing coat to crack, peel and flatten. Where light shades are used for trimming, better results will be obtained by applying the trimming color on both the middle and finishing coats.

"The finishing coat should never be applied when there are indications of rain, or late in the evening in cold weather, as if it is, the fog will attack it, causing the paint to dry flat or without lustre. This coat should have practically no turpentine in it, and should be well brushed out, not flowed on.

Some Notes on Stains and Varnishes

"Creosote stains for shingles have been very popular for a number of years, but the leading manufacturers of stains and paints who have given this question serious consideration by exhaustive tests, have come to the conclusion that creosote, while a good wood preserver, is a poor binder for the pigments used in making stain. Creosote is very penetrating, with the result that the vehicle penetrates into the cedar and leaves the coloring matter on the surface with no binder to hold it on. Creosote made from wood is far superior to creosote made from coal; the latter creosote contains so much coal tar acid that it bleaches and destroys the colors. The coal tar acid attacks the chemicals used in the manufacture of greens, yellows and blues, thereby changing the color almost as soon as they are applied. An oil stain made of linseed oil with sufficient penetrating thinners, gives the best results. The linseed oil binds the coloring matter on the shingles and prevents it washing off. Furthermore, linseed oil has no chemical action on any of the pigments.

Vardishes are made from treated gums, rosin, linseed oil, china wood oil, and turpentine or benzine, according to the purpose for which the varnish is required and the price at which it is sold. The gums are produced from South America, the islands of the Pacific, India and New Zealand. Kauri gum is one of the high grade gums and comes from the latter country. Most of the high grade varnishes are made from this gum on account of its hardness and durability. It is dug from the ground, where at an earlier time forests have stood. The gum is found in pockets just as it has run from the tree years ago. The older the gum, the better it is for varnish making; also the condition, color and freedom from dirt regulates its value and price. After being mined, it is scraped, cleaned and sorted, then shipped to New York or London. From these centers it is distributed to the varnish makers of the world. Large quantities, however, are now being shipped direct to the western states and British Columbia. The complicated process of varnish making, with its different grades, would be difficult to describe, but the fundamental fact stands out, that one cannot produce good varnish from cheap or poor gums. Suffice it to say that in the better varnishes, the gums are melted in kettles over open fires, the oils

added, and cooked at different temperatures, according to the varnish that is being made, the turpentine being added after the boiling is done and before the varnish cools. It is then packed away for a long period of time to settle out and properly mature. Good varnish, like good wine, improves with age.

The cheaper furniture varnishes and gloss oils are made in somewhat the same way, only rosin is used instead of gum, much less oil, and benzine in lieu of turpentine. These cheap varnishes should never be used on good work, as they are brittle, easily scratched, and are fit only to be used as a size on plaster for kalsomining. A good varnish size should contain no rosin and very little gum, the lime or hard wall finish absorbs the thin oil and leaves nothing but the gum or rosin, with the result that it has no binder, consequently it does not make a good ground or surface on which to apply kalsomine or wall finish. A good priming size for walls should be made almost entirely of linseed of China wood oil varnish. The wall absorbs considerable of the thinners, but leaves a tough oil varnish on which to apply either paint, wall finish or kalsomine.

A good foundation on which to apply flat finish is to apply a coat of shellac, one coat of good gloss or interior varnish, then one coat of flat finish. This gives better results than a coat of shellac and two coats of flat finish. The question of decoration for the plastered walls is attracting much attention at the present time, and most of the large paint manufacturers are making a flat oil paint with more or less success.

"The old fashioned kalsomine, made of glue and whitening, is fast being replaced by the more modern washable wall finishes. These wall finishes usually contain no lead, are therefore non-poisonous, dry hard with the same dull effect, and can be washed. Kalsomine, as soon as the glue has perished, has to be washed off and re-tinted. The cost of washing off the old kalsomine is as much as that of applying another coat. I predict that in a few years the new wall finishes will almost universally supercede kalsomine.

PLANS WANTED.

Supervising Architect W. D. Coates, Rowell Bldg., Fresno, Cal., states that plans for the first of Fresno's new schools will be called for shortly. He is now engaged in preparing a schedule which will put all competitors on an even footing. The first of the new buildings to be erected will cost in the neighborhood of \$150,000. The Board of Education are reported as being greatly in favor of securing plans from Fresno architects if possible.

Visalia, California, is to have a new school building costing in the neighborhood of \$25,000. The Board of Supervisors have approved a bond issue of that amount for the Tipton District. A smaller issue for the Manzanillo District was also approved by the Supervisors. Competitive plans will probably be called for both buildings.

The Board of Education at Petaluma, California, has adopted a resolution

calling for a special election which is to be held on May 17th at which time the people will vote on a bond issue of \$110,000 for the construction of a new school building. Schools are badly overcrowded, and from reports there appears to be little or no opposition to the bonds. Competitive plans will be called.

W. T. Giles, supreme secretary of the Royal Order of Moose, has reported to his committee as favoring Tucson, Arizona, as a suitable site for the order's proposed \$2,000,000 sanitarium for the treatment of tuberculosis. Mr. Giles has recently visited Tucson and the special committee in charge of the project will make a final trip of inspection within a short time. No plans for the building have been secured and architects interested should take the matter up with Mr. Giles.

Financing of the proposed \$140,000 civic building in Sacramento, California, has been put into the hands of two committees, both of which report favorable progress. The structure is to be an eight-story building, and will be erected on 7th street between I and J streets. A. Bonnhelm and Albert Elkins are the committee appointed to secure a \$100,000 loan, while D. W. Carmichael and D. S. Wasserman are getting in touch with prospective tenants. Architectural plans have not been secured.

RAILWAY ACCIDENTS.

Resistance by the Southern Pacific Railway Company to the workmen's compensation act will not bring it any public sympathy. At best, the contention that it is an interstate and not a local corporation, is a purely technical question, one that will not be of long avail with the expected improvement of national liability laws. No matter what administration is in power at Washington, liability legislation much like that now in operation in California cannot be very far off.

The justice of workmen's compensation is seen easiest, both from the employer's and employee's point of view, in the railroad business. Not only is the hazard more directly connected with the occupation there than anywhere else, but the employer can in this case better protect itself by shifting the load, than in any other occupation. The expense of employer's insurance is a feature of railroad expense that would be most readily recognized. The company will add the cost to its regular operating expenses, and the public will pay, in the long run, for the accidents of the railroad employees through passenger fares and freightage costs.—Fresno Republican.

ELEVATORS USED BY THE ANCIENTS.

According to archaeologists, elevators were used in the imperial palace at Rome 2,000 years ago, probably operated by slave power.

The highest building in the United States is the tower for wireless telegraphy that has just been finished on the New Jersey coast. It is 825 feet high and only 20 feet in diameter, 75 feet higher than the Woolworth building in New York.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 4 story and base, brick and steel, \$70,000. Architect, Alfred Henry Jacobs, 110 Sutter street. S. F. Owner, Emanuel Levy, 717 Market street. S. F. The building will be erected on Van Ness avenue near Vallejo, and will cover a considerable ground area. Apartments will consist of five and six rooms with from one to two private baths. Interiors will be handsomely finished in pine and hardwoods with some oak floors. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. All bath rooms will have tile floors and wainscot. Wall beds are specified. Entrance of the building will be finished in tile and marble. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architect, none. Owner, A. C. Lomelino, 1765 Hyde street. S. F. The building will contain six apartments of four rooms each, and will be erected on the north side of Pacific street west of Hyde. Interior finish will be of pine throughout. There will be a hot water supply, wall beds and private bath rooms. Entrance will be finished in marble and tile. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$20,000. Architect, Carl Geiffuss, 46 Kearny street. S. F. Owner, L. A. Becicco. The building will be erected on Vallejo street near Van Ness avenue. The building will have a frontage of 30 feet 1 inch by a depth of 122½ feet. There will be a total of nine apartments each of four rooms. All rooms will have outside exposures and will receive an abundance of sunlight and fresh air. Each apartment will have a reception hall from which all rooms except the baths may be entered. All rooms are exceptionally large and will be handsomely finished in pine with hardwood panels, beam ceilings, built-in book cases and hardwood floors. Plans provide for steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Kitchens will be equipped with all modern improvements, including patent ironing boards, coolers and ice chests. The building will be entered from the sidewalk level, the entrance and lobby being finished in marble and tile. Basement will contain private storage space for each apartment, laundry, amusement room and furnace room. Exterior will be covered with cement plaster on metal lath.

SAN FRANCISCO—Apartment house, 4 story and base, reinforced concrete, \$52,000. Architects, Rousseau & Rousseau, Monadnock Bldg. S. F. Owners, E. V. Lacey and J. B. Reite. The building will be erected on the south side

Post street 90 feet west of Larkin, having a frontage of 25 feet and, a depth of 120 feet. Interior has been arranged for a total of 27 suites of two and three rooms with private baths and wall beds. Pine and hardwood trim will be used. Plans provide for steam heat, elevator service and a hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior will be faced with cement plaster. Plans are complete and segregated figures are now being taken on the various parts of the work.

LOS ANGELES, CAL.—Apartment house, 4 story and base. Class C construction. Cost not stated. Architects, Blanchard & Tifal, California Bldg. L. A. Owner, Elbert L. Miller. The building will be erected on Ingraham street, covering an area of 60 by 100 feet. There will be a total of 100 rooms arranged in two and three room suites with wall beds and private baths. Interior finish will be of pine and hardwood. Plans provide for steam heat and a hot water supply. There will be forty baths with tile wainscot and composition floors. Exterior of the building will be faced with pressed and glazed brick. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$7,000. Architect, none. Owners, C. J. and W. J. Keenan, Grove and Masonic streets, S. F. The building will be erected at the southeast corner of Grove and Masonic streets and has been designed to contain six modern apartments of four rooms each. Interior finish will be of pine with some elm panels and hardwood floors. There will be steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. All apartments will be equipped with wall beds. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. A brick veneer base is specified. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$25,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg. S. F. Owner, Mrs. Bertha Overfeld. The building will be erected at the corner of Fillmore and Green streets. There will be a number of two, three and four room apartments with private baths and wall beds. Interiors will be finished in pine and hardwood with some oak floors. Plans provide for steam heat and a hot water supply. Bath rooms will be finished in tile and will have composition floors. Exterior of the building will be covered with cement plaster on metal lath. Entrance will be finished in marble and tile. Plans are being prepared.

Contracts Awarded.

SEATTLE, WASH.—Apartment house, 3 story and base, brick, \$30,000. Architects, Walter & White, 1626 4th avenue,

Seattle. Owner, J. N. Shaw. Contractors, Walter & White, 1626 4th avenue, Seattle. Contract price, \$50,000.

CHURCHES.

STOCKTON, SAN JOAQUIN CO., CAL.—Church, 1 story and base, brick, \$20,000. Architect, Joe Losekan, San Joaquin Bldg. Stockton. Owners, Clay street Methodist church. Rev. Smith, Pastor. A new site has been secured at the northeast corner of San Joaquin and Clay streets, and construction will be started as soon as plans can be completed. The new church will be designed in the Mission style and will contain, besides the main auditorium, Sunday school rooms and pastor's study. Interior finish will be of pine and ornamental plaster. There will be a central heating system, probably warm air. Art glass is specified. Exterior of the building will be faced with cement plaster. A clay tile roof will be used. Plans are now being prepared.

COURT HOUSES.

COLUSA, COLUSA CO., CAL.—Hall of Records, 2 story and base, reinforced concrete, \$60,000. Architect, Henry C. Smith, Humboldt Bank Bldg. S. F. Owners, Colusa County. The building will be erected on J and 6th streets on property adjoining the County Court House. Construction will be fireproof throughout with reinforced concrete walls, floors and interior partitions of hollow tile and metal lath and plaster. Interior finish will be of pine, hardwoods and metal trim. Metal window sash and frames, fireproof doors and metal shelves and furniture will be used. There will be steam heat, a vacuum cleaning system and water supply. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken. Bids will be opened on May 6th. An official proposal appears in another column of this issue.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Ice and cold storage plant, 5 story and base, brick and steel, \$60,000. Engineer, Charles Wallace, Kansas City, Mo. Owners, National Ice and Cold Storage Co. This is the second building to be erected on the company's property at the corner of Sansome and Union streets. A four-story building is now nearing completion and the new five-story building will be connected with this structure by an arcade. The two buildings combined will give the company approximately 1,000,000 cubic feet of refrigeration. The proposed building will cover an area of 120 by 177½ feet. Exterior will be faced with pressed brick. Plans are complete and in the hands of the owners who will do the work partly by Day Labor and partly by contract.

SAN FRANCISCO—Laundry, 2 story and base, reinforced concrete. Cost not stated. Architects, Fabre & Bearwald, Merchants' National Bank Bldg. S. F. Owner, Mr. Laroni. The building will be erected on Post street between Larkin and Polk and has been arranged for the laundry on the first floor and rooms above. Interior finish will be of pine throughout. A cement

floor will be used on the ground floor. Special machinery will be installed. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

SAN FRANCISCO—Municipal asphalt plant, 1 story, reinforced concrete, \$22,844. Architect, City Department of Architecture, Temporary City Hall. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of Public Works for the construction of a Municipal asphalt plant on Florida street show Frank M. Garden Co. low at \$22,844, and he will probably be awarded the contract. A complete list of the figures submitted will be found under the heading of San Francisco in this issue.

FIRE HOUSES.

SAN FRANCISCO—Fire house, 2 story and base, brick and steel, \$35,000. Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owners, City and County of San Francisco. Bids opened at last Wednesday's session of the Board of Public Works for the construction of Engine House No. 12 show C. L. Wold low on the general construction, S. W. Band low on the plumbing and gas fitting, National Electric Co. low on the electric wiring, and T. E. Davis & Son low on the brick work. A complete list of the bids opened will be found under the heading of San Francisco in this issue. The low men will probably be awarded the contracts.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,600. Architect, none. Owners, E. and G. Cicerone, 71 Valparaiso street, S. F. The building will be erected on Varennes street north of Green, and has been designed to contain two flats of five rooms each. Interior finish will be of pine and redwood with some oak floors. There will be gas grates and tile mantels. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with rustic and shiplap. Plans are in the hands of the owners and the work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Flats, 2 story and base, frame, \$2,000. Architect, none. Owner, Mrs. Higgins, 639 Natoma street, S. F. The building will contain two flats of five rooms each. Interior finish will be of pine and redwood. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. A portion of an old residence will be utilized. Exterior will be covered with rustic and shiplap. Plans are complete and a contract will be let by the owner.

SAN FRANCISCO—Flats 3 story and base, frame, \$6,500. Architect, Edward E. Young, 25 Kearny street, S. F. Owner, Fred Roettger. The building will be erected on the north side of Lake street west of 7th avenue, covering an area of 28 by 61 feet. There will be three modern flats of five and six rooms. Interiors will be finished in pine, redwood and hardwood veneer with some oak floors. All living rooms will have open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed.

Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and work will be carried on by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Flats, 2 story and base, frame, \$2,500. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, F. Devilt. The building will be erected at the corner of London and Italy streets and has been designed to contain two flats of four rooms each. Interior finish will be of pine and redwood. Oak floors will be used in the living rooms and dining rooms. There will be open fire places and tile mantels. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and shiplap. Plans are being prepared and figures will be taken shortly.

SAN FRANCISCO—Flats, 2 story and base, frame, \$6,000. Architect, none. Owner, E. Peterson, 1205 10th avenue, S. F. The building will be erected on the east side of 23rd avenue south of Taraval, having a frontage of 35 feet and a depth of 70 feet. Each flat will contain six rooms and bath. Interior will be finished in pine and hardwood veneer with oak floors in the principal rooms. There will be large open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Flats, 2 story and base, frame, \$8,000. Architect, none. Owner, H. N. Turrell, 841 Walker avenue, Oakland. The building will be erected at the southwest corner of Alcatraz and Dana street, and has been designed to contain fourteen rooms which will be arranged in two seven-room flats. Interiors will be finished in pine, blue gum and hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner. The work will be done by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Flats, 2 story and base, frame, \$5,000. Architect, none. Owner, H. N. Turrell, 841 Walker avenue, Oakland. The building will be erected on Alcatraz south of Dana street, and will contain twelve rooms arranged in two six-room flats. Interior finish will be of pine and redwood with hardwood floors throughout. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

GARAGES.

SAN FRANCISCO—Garage, 1 and 2 story and base, Class A construction. Cost not stated. Architect, Sylvan

Seuntmacher. First National Bank Bldg., S. F. Owners, Taxicab Co. of California. The building will be erected at the northeast corner of Bush and Larkin streets, covering an area of 137½ by 137½ feet and has been designed for one of the largest commercial garages in the west. Construction will be of the Class A type throughout with a complete steel frame, brick exterior walls and concrete floor. The main portion of the building will be one story high and will be occupied by the garage and storage space. The two-story portion will contain modern machine and repair shops. Office will be finished in pine. Plans provide for metal window sash and frames and two large gasoline storage tanks. An elevator capable of lifting the largest machines will be installed. Exterior of the building will be faced with pressed brick. Working drawings are now being prepared.

SAN FRANCISCO—Garage, 1 story and base, reinforced concrete or brick, \$20,000. Architect, Matthew O'Brien, Foxcroft Bldg., S. F. Owner, Mrs. W. J. Gallagher. The building will be erected on Grove street between Laguna and Buchanan streets, and has been designed for a commercial garage. Both reinforced concrete and brick and steel construction are being considered. The will be a cement floor, special gasoline storage tanks, metal window sash and frames. Interior will be finished in pine throughout. Plans provide for storage space and a machine shop. Exterior of the building will be faced with either pressed brick or cement plaster. Plans are complete and figures are being taken.

SAN FRANCISCO—Garage, 1 story and base, reinforced concrete or brick and steel, \$15,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner's name withheld. Lessee, Mr. Emanuel. The building will be erected on the north side of Post street west of Franklin street, having a frontage of 85 feet and a depth of 137½ feet. Bids will be taken for both the reinforced concrete and brick type of construction. Storage space and office will occupy the greater portion of the building while the rear will contain a machine shop. Foundations are already in. Interior finish will be of pine. There will be a cement floor and special steel gasoline storage tanks. Exterior will be faced with cement plaster. Plans are being prepared.

GOVERNMENT WORK AND SUPPLIES.

Prospective Bidders.

Specifications for work under the office of the supervising architect have been furnished to the following firms in addition to those previously noted in these columns:

Griss Valley, Cal., Construction, May 4. E. F. Burke, 43 Sussex street, San Francisco, Cal.

F. J. Amweg Co., Marston Building, San Francisco, Cal.

Southern Construction Co., 425 Woodward Building, Washington, D. C.

William Simpson Construction Co., 537 Timken Building, San Diego, Cal.

Herman Voights, 1251 N. 28th street, Philadelphia, Pa.

King Lumber Co., Charlottesville, Va. Eugene Schuler, Pasadena, Cal.

The High Line Unit.

The Secretary of the Interior has authorized the Reclamation Service to undertake the construction of the High Line unit of the Strawberry Valley irrigation project, Utah, as soon as certain conditions have been complied with. At least 16,000 acres of lands privately owned and irrigable by gravity flow must be pledged to return the cost of the project, the executed water right applications showing the government to have a first lien on the lands then being placed on the county records. All water right applications made shall include all the land in the unit owned by applicant, and applicants owning irrigable land in excess of 80 acres shall execute appropriate trust deeds for the disposal of such excess to qualified water right applicants within a reasonable time to be fixed hereafter. About 24,000 acres are included in the unit.

The government will construct a distributing system of sufficient extent to supply water by gravity to the highest point of each quarter section containing land for which water right application has been accepted, or to such other convenient point as in the opinion of the project manager will enable the water user to secure water with a reasonable amount of work. The government does not undertake to construct any drainage works for lands within the area of the project which now or may hereafter become seeped or waterlogged.

The main High Line canal has its intake at the lower end of the power canal in Spanish Fork Canyon, about 3 miles southeast of Spanish Fork. It will extend southwest about 17 miles, its capacity ranging from 200 to 250 second feet. Its cost will be about \$345,000, and the distribution system as planned will cost \$180,000.

Steel Erection at Pearl Harbor.

The bid of the Honolulu Planing Mill, Ltd., of Honolulu, T. H. \$54,900 in amount, has been accepted for erecting the structural steel for the coaling plant at Pearl Harbor.

Locomotive, Etc., Pearl Harbor.

The following awards have been made under bids opened March 14 at the bureau of yards and docks, Navy Department, for compressed air locomotive, etc., to be delivered at Pearl Harbor: H. K. Porter Co., Pittsburgh, Pa., item 2, \$2,755; 5, \$1,450; Ingersoll-Rand Co., New York City, item 3, \$2,270; Magor Car Co., 30 Church street, New York City, item 4, \$1,700.

Denver, Colo., Mechanical Equipment.

All bids received February 16 for the mechanical equipment of the U. S. post office at Denver, Colo., have been rejected and the work readvertised.

Denver, Colo., Interior Finish.

The supervising architect, Treasury Department, Washington, D. C., has rejected all bids received February 16 for minor outside work and interior finish of the U. S. post office at Denver, Colo. A new advertisement has been issued for this work calling for bids to be opened April 23.

Indian Office, Steel Bridges.

The contract for the construction of two steel bridges across the Gila and San Carlos Rivers, bids for which were

opened September 21, has been awarded to the Omaha Structural Steel Works, Omaha, Neb., at \$53,600, time to complete 180 days.

Bronze Plates.

The following bids were opened under reclamation advertisement 258 for bronze plates for the Salt River project:

Fulton Engine Works, \$990; 25 days.
National Brass Works, \$1,198.50; 15 days.

Llewellyn Iron Works, \$1,224; 14 days.

Acme Brass Foundry, \$1,324.

James Jones Co., \$1,485; 30 days.

Baker Iron Works, \$1,718; 3 weeks.

All bidders of Los Angeles, Cal., and all deliveries Los Angeles.

Pearl Harbor, Metal Work.

The date for the opening of bids for fabrication and delivery of structural steel and miscellaneous metal work for a marine railway at the U. S. naval station, Pearl Harbor, H. T., has been postponed from April 4 to May 9.

Reclamation Work.

The Reclamation Service is asking for proposals for the excavation of the auxiliary spillway channel and the construction of the north dike, Vandalla diversion, in connection with the Milk River irrigation project, Mont., involving approximately 160,000 cubic yards of material. The work is situated on the north side of Milk River adjacent to the main line of the Great Northern Railway, about 3 1/2 miles from Vandalla station and adjacent to the U. S. Reclamation Service's siding at Vandalla dam. The bids will be opened after 2 o'clock p. m. May 12, 1914, at the office of the Reclamation Service, Malta, Mont.

Minot, N. D., Post Office.

The contract for the construction, complete, of the U. S. post office at Minot, N. D., has been awarded to John Lauritzen, Fergus Falls, Minn., at \$124,650, using limestone for all stonework, except where granite is required, and reinforced concrete for floor construction; time to complete 16 months.

Fireproofing Building, Puget Sound.

Bids are to be opened May 20 at the bureau of yards and docks, Navy Department, Washington, D. C., for fireproofing and partially reconstructing building No. 59 at the navy yard, Puget Sound, Wash. The contract will consist in part of the removal of wooden structures within the building, the relaying of a new wooden floor and sleepers, and the installation of hot water heating and electric lighting systems on the ground floor; the increasing in concrete of existing steel columns and girders and the installation of a reinforced concrete second floor; the installation of 1 hand-power elevator with an automatic gate, and automatic sprinkling system in second story; a metal stairway, and all other work and installation necessary. The general inside dimensions of the portion of the building referred to are about 118 feet 5 inches long and 57 feet 1 inch wide.

Hilo, H. T., Post Office.

The contract for the construction, complete, of the U. S. post office and custom house at Hilo, H. T., has been

awarded to the Campbell Building Co., of Salt Lake City, Utah, at \$196,922; less alternate 3, using granite in lieu of lava stone for certain steps, buttresses, door sills, etc., and for the corner stone, for using marble in lieu of lava stone for certain saddles, column and pilaster bases, base in portico-loggia, and stair hall, etc., stucco finished concrete in lieu of all other lava stone in the building proper; cement-finished concrete in lieu of marble treads, risers, and base of all stairs except those from the first to second floor in stair halls, stucco finish concrete in lieu of lava stone for all copings around driveway and basement entrances and wall coping of west entrance and cement finished concrete in lieu of lava stone for the basement entrance and rear entrance, \$6,000; less alternate 5, using cement finished concrete in lieu of lava stone for all steps and borders and stucco finish concrete in lieu of lava stone for all wall copings for terraces and approaches from the streets, \$3,400; using Hawaiian sand for concrete only, \$2,000; net amount, \$185,522; time April 12, 1916.

SAN FRANCISCO—Stables, 5, 1 story, brick or reinforced concrete. Cost not stated. Engineer, Constructing Quartermaster Department, Fort Mason, Owners, United States Government. These buildings have been mentioned here a number of times before. Working drawings are complete and figures will be opened on May 11th. Each structure will cover an area of 68 by 185 feet and will have accommodation for 100 head of stock. Cement and composition floors will be used. Plans provide for modern electric work, plumbing and special stable features. If brick is used the five buildings will require 900,000 stock brick and 120,000 paving brick. Plans and specifications can be secured from the office of the Constructing Quartermaster at Fort Mason. An official proposal appears in another column of this issue.

—HALLS & SOCIETY BLDGS—

OAKLAND, CAL.—Lodge hall, 2 story and base, brick and steel. Cost not stated. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owners, Sons of St. George. The building will be erected at the northeast corner of 25th and Grove streets, covering a considerable ground area. The entire structure will be occupied by the owners and will be arranged for lodge rooms, offices and library. Interior finish will be of pine and hardwoods. There will be steam heat and a modern system of vacuum cleaning. A maple floor will be used in the hall room. Exterior will be faced with pressed brick and stone. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Faculty club, 2 story and base, frame, \$12,500. Architect, Warren C. Perry, 2626 1/2 Dwight Way, Berkeley. Owners, Faculty Club. The present building will undergo repairs and a two-story addition will be made. Interior finish will be of pine and hardwood with hardwood floors throughout. There will be a central heating system and open fire place. Mantel will be of tile or brick. Exterior of the building will be covered with cement plaster

on metal lath. Plans are now being prepared.

OAKLAND, CAL.—Municipal Auditorium, granite and architectural cotta. Cost not stated. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Bids were opened Tuesday by the Oakland City Council for the granite work and setting and for the architectural terra cotta work on the Oakland Auditorium. The California Granite Co. submitted the lowest bid for granite work and setting, also for the alternate proposition of using limestone in place of granite. N. Clark & Son were low on the architectural terra cotta. A complete list of the bids submitted will be found under the heading of Oakland and Alameda County in this issue.

SEASIDE, ORE.—City Hall, 2 story and base, brick and concrete, \$20,000. Architect, O. G. Brubaker, Seaside. Owners, City of Seaside. The building will be designed in the classic style and will cover a considerable ground area. The first floor will contain police and fire departments, city offices and two fireproof vaults. Second floor will be arranged for the Mayor's office, council chamber and offices. There will be steam heat. Interior will be finished in pine throughout. Exterior of the building will be faced with pressed brick. A general contract will be let. Plans are complete and figures are now being taken.

HOSPITALS

SAN FRANCISCO—Morgue and laboratories, 1 and 2 story. Class A construction, \$60,000. Architects, Righetti & Headman, Phelan Bldg., S. F. Owners, City and County of San Francisco. These architects have been commissioned to prepare plans for the two remaining buildings which are to complete the San Francisco Hospital group on Potrero avenue between 21st and 23rd streets. Construction will be of the Class A type. Interiors will be finished in pine, metal trim and hardwood. Considerable tile and marble will be used. Exteriors will be faced with pressed brick trimmed with terra cotta. Plans are now being prepared. Bids will be called for by the Board of Public Works.

SAN FRANCISCO—Hospital lighting fixtures and yard work. Cost not stated. Architect, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Plans have been completed for installing lighting fixtures in the San Francisco Hospital group and for the yard work. Bids are being taken and will be opened on May 6th by the Board of Public Works. Official proposals appear in another column of this issue.

Contracts Awarded.

LA GRANDE, ORE.—Hospital, 3 story and base, brick, \$15,000. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Owners, Grand Bonde Hospital. Contractor, C. H. Rust, La Grande. Contract price, \$15,000.

HOTELS.

SAN FRANCISCO—Hotel, 5 story and base, brick and steel, \$25,000. Architects, Rhodes & Marisch, 3372 16th street, S. F. Owner, C. F. Hornung. The building will be erected on Valen-

cia street south of 16th street and has been arranged for a restaurant on the first floor and a number of private rooms and baths above. Interior finish will be of pine throughout. Plans provide for steam heat, elevator service and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Patent store fronts are specified. Plans are being prepared and figures will be called for shortly.

SAN FRANCISCO—Hotel, 7 story and base, steel and brick, \$110,000. Architects, Smith & Stewart, 244 Kearny street, S. F. Owner, A. O. Stewart. The building will be erected on the north side of Ellis street east of Mason and will have a frontage of 50 feet by a depth of 137½ feet. There will be two stores on the first floor besides the office, lobby and amusement room. Upper floors will contain a total of 120 guest rooms, all of which will have private baths. A complete steel frame will be used. Plans provide for steam heat, elevator service, a hot water system and vacuum cleaning. Interior finish will be of pine and hardwood with ornamental plaster in the lobby and office. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with a cream colored pressed brick. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architect, Anton Reif, Higgins Bldg., L. A. Owners, John G. Orth, Susan B. Campbell and Ben Weingart. The building will be erected on San Julian street between 5th and 6th streets, covering an area of 66 by 134 feet. Plans provide for a total of 194 rooms with two baths and two showers on each floor. Interior finish will be of pine throughout. There will be steam heat, elevator service and a hot water supply. Bath rooms will be finished in tile. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Hotel, 3 story and base, frame. Cost not stated. Architect, C. F. Skilling, Garland Bldg., L. A. Owners, Mrs. Wagner and Mrs. Fullerton. The building will be erected on West 8th street, covering an area of 50 by 90 feet. There will be a total of 40 rooms, 50 per cent of which will have private baths. Interior finish will be of pine and redwood. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Hotel, 10 story and base. Class A construction, \$210,000. Architect, Lyman Farwell, Story Bldg., L. A. Owner, J. W. Brunton. The building will be erected on 6th street between Hope and Flower streets and will have a frontage of 73 feet by a depth of 104 feet. Construction will be of reinforced concrete and steel with concrete floors, walls and roof slabs and fireproof interior partitions. Plans provide for three stores besides the hotel office and lobby on the first floor and a total of 218 guest rooms, 70 per cent of which will have private baths, on the upper floors. Interior finish will be of birch and ma-

hogany. There will be steam heat, a hot water supply, vacuum cleaning and two elevators. All bath rooms will have tile floors and wainscot. Patent store fronts and metal sash and frames are specified. Lobby and office will be finished in ornamental plaster, marble and tile. Exterior of the building will be faced with glazed brick and terra cotta. Plans are now being prepared.

LODI, SAN JOAQUIN CO., CAL.—Hotel, 4 story and base. Class C construction. Cost not stated. Architect, E. B. Brown, Stockton. Owners, Lodi capitalists. The building will be erected on a corner site and will contain, besides the hotel lobby and offices, a store and banking quarters. Upper floors will be arranged for 65 guest rooms and a number of baths. The building will cover an area of 85 by 100 feet. Considerable steel will be used. Interior will be finished in pine and redwood. Plans provide for steam heat, oil burning plant, a hot water supply and patent store fronts. Special interior finish will be used in the bank and fireproof vaults are also specified. Exterior of the building will be faced with pressed brick and terra cotta. Plans are now being prepared.

Contracts Awarded.

SEATTLE, WASH.—Hotel, 5 story and base, brick and steel, \$60,000. Architect, I. B. Johnson, 3838 Evanston street, Seattle. Owner, Hotel Buttrick. Contractor, I. B. Johnson, 3838 Evanston street, Seattle. Contract price, \$60,000.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel, \$60,000. Architects, George F. Costerian and J. P. Kavanagh, California Bldg., L. A. Owner, J. B. Solomon. Contractor, Fred W. Siegel, Stimson Bldg., L. A. Contract price, \$60,000. Note: This contract has been taken on a percentage basis and working drawings are not yet complete.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—State exhibit building, 2 story and base, frame and plaster. Cost not stated. Architect, Thomas H. P. Burditt, Service Bldg., S. F. Owners, State of California. The building will be the largest and finest of the exhibit buildings to be erected by the state. Design is in the Mission style with the exterior covered with cement plaster on metal lath and roof of clay tile. The structure will cover an area of 737 by 540 feet and will cost between \$400,000 and \$500,000. Interior will be arranged for approximately 140,000 square feet of display space for the various counties, a large ball room, department for the Militia and Executive's quarters. Plans are complete and figures are being called for which will be opened on April 30th. Separate bids are being taken for the general construction, plumbing, water supply, gas fitting, heating and ventilating, electric work and elevators. An official proposal appears in another column of this issue.

SAN FRANCISCO—State exhibit building, 2 story, frame and plaster. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, State of Massachusetts. Plans for the building which is to house the Massachusetts State Exhibit have been com-

pleted by eastern architects and awarded to the Director of Works for approval and to secure local figures. The building will be a duplicate of the Massachusetts' State Capitol. Plans are now out for figures which will be opened by the Panama-Pacific Managers for Massachusetts, Trenton Bldg., Boston, on May 11th at 11 o'clock eastern time. Plans can be secured from the Director of Works, Service Bldg. An official proposal appears in another column of this issue.

POST OFFICES.

PALO ALTO, SANTA CLARA CO., CAL.—Post office, 1 story and base, brick and frame, \$20,000. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Leland Stanford, Jr., University. The building will be erected on the Campus of the University, and has been designed for a branch post office to be used exclusively by the college. Interior will be finished in pine and hardwood. Special cabinet work will be required. There will be steam heat. Exterior of the building will be faced with cement plaster. Plans are now being completed and figures will shortly be called.

HANFORD, KINGS CO., CAL.—Post office, 2 story and base, brick and concrete, \$60,000. Architect, Supervising Architect Oscar Venderoth, Washington, D. C. Owners, United States Government. Word comes from the Supervising Architect's office that working drawings are nearly complete for the new post office which is to be erected at Hanford. The building will be of semi-fireproof construction with pressed brick facing trimmed with terra cotta. Interior finish will be of pine, hardwood and tile. There will be steam heat and an oil burning furnace. Special fixtures and cabinet work will be installed. Plans will be forwarded to the west for figures about May 1st. Further mention will be made of the work.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO—Municipal railroad work. Trolley poles and track specials. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened at the last Wednesday afternoon session of the Board of Public Works for reinforced concrete trolley poles for the Van Ness-Chestnut Line show H. S. Tittle low at \$35.33 per pole. Bids were also opened for furnishing track specials at a cost of approximately \$20,000 and for cast iron cross arms and manhole covers. A complete list of the bids will be found under the heading of San Francisco in this issue.

Contracts Awarded.

VANCOUVER, B. C.—Car barns, 1 and 2 story, reinforced concrete and steel, \$400,000. Architect's name not given. Owners, British Columbia Electric Co., Vancouver. Contractors, Church, Kerr & Co., Metropolitan Bldg., Vancouver. Contract price, \$400,000.

SCHOOLS.

DAVIS, YOLO CO., CAL.—Class room building, 2 story and base, brick. Cost not stated. Architects, Cunningham &

Politco, First National Bank Bldg., S. F. Owners, Regents of the University of California. Plans have been completed for a two-story class room building which is to be erected at the University Farm. The structure will cover an area of 90 by 152 feet and will contain in addition to the class rooms a large assembly hall and library. Interior finish will be of pine throughout. There will be steam heat. Special cabinet work will be required. A slate roof will be used. Exterior of the building will be faced with cement plaster. Plans are complete and out for figures. Bids will be opened by the Regents of the University on April 30th. An official proposal appears in another column of this issue.

CHICO, BUTTE CO., CAL.—School, 2 story and base, brick and tile, \$50,000. Architect, A. J. Bryan, Chico. Owners, Oakdale School District. The building will contain eight class rooms, assembly hall, teachers' rooms and principal's office. Interior finish will be of pine with maple floors in the class rooms. There will be steam heat and an oil burning plant. Vacuum cleaning and program clocks will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and separate figures are now being taken for the general construction and heating and ventilating. These bids will be opened on April 30th. On the same day the Board of Education will open figures for a four-room addition to the 4th and Cleander Street School, and for a one-story reinforced concrete addition to the Chico School. Plans can be secured from the architect.

PATTERSON, STANISLAUS CO., CAL.—School, 2 story and base, reinforced concrete, \$50,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Patterson Union High School District. Bids were opened Saturday, April 18th, by the Board of Education of the Patterson School District for the construction of a two-story and basement reinforced concrete school. Caldwell & Son of this city submitted the lowest general figure at \$46,956 and were awarded the contract. The Standard Electric Time Co., were awarded the program clock work, and Peterson & Wilson were awarded the heating and ventilating. A complete list of these figures will be found under the heading of Fresno, Modesto, Stanislaus and Central California.

ALHAMBRA, LOS ANGELES CO., CAL.—School buildings, 7, 1 and 2 story and base, brick. Cost not stated. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Alhambra School District. The group will consist of seven buildings of one and two stories. Only three of these buildings will be erected at the present time, one of which will be the central heating plant. Exteriors will be faced with cement plaster. Detail information of the work cannot be given at this time as only preliminary sketches have been completed.

SACRAMENTO, CAL.—School, 2 story and base, reinforced concrete, \$200,000. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, City of Sacramento. This building has been out for figures before but overrun the estimated cost considerably. Plans have been revised decreasing the height by about two feet and lightening the construction in

some particulars. Interior finish will be of pine throughout with maple floors in the class rooms. Manual training departments and domestic science rooms are also included. There will be steam heat and oil burning plant. Exterior of the building will be faced with cement plaster. Plans are complete and an official advertisement has been published calling for bids which are to be opened on May 1st.

STOCKTON, SAN JOAQUIN CO., CAL.—Academy building, 2 story and basement, brick. Cost not stated. Architects, Stone & Wright, San Joaquin Bldg., Stockton. Owners, St. Agnes Academy. The following bids were opened by Father McGough for the construction of the new academy building to be erected for St. Agnes Parish in Stockton. The structure will be a two-story building and was designed by Architects Stone & Wright. James L. McLaughlin, \$55,793; Ward & Goodwin, 49,200; Chirhardt & Nystedt, \$45,446; Anthony & Meyers, \$44,975; John Kuykendall, \$44,530; F. J. Klenck, \$43,197; James Muleahy, \$36,984.

Contracts Awarded.

SAN FRANCISCO—School, 2 story and base, reinforced concrete. Cost not stated. Architect, Albert Fissis, Flood Bldg., S. F. Owners, City and County of San Francisco. The Board of Public Works has made the official award of contract for the general construction of the Oriental School to Elmer Carlson on his bid of \$87,285. The Butte Engineering and Electric Co. was awarded the electric work on the same at \$2,387. Scott Co. was awarded the heating and ventilating at \$3,260; the plumbing and gas fitting were awarded to Charles Wright at \$5,260.

RESIDENCES.

SAN FRANCISCO—Residences, 2, 2 story, frame, \$2,000 each. Architect, none. Owner, A. T. Morris, 616 9th avenue, S. F. These two houses, each designed to contain six rooms and bath, will be erected on the west side of 11th avenue north of Anza street. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be large open fire places in the living rooms. Mantels will be of tile. Automatic water heaters will be installed. The wainscot will be used in the bath rooms and kitchens. Exteriors of the houses will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Bungalow, 1½ story and base, frame, \$2,500. Architect, none. Owners, Oscar Heyman & Bros., 742 Market street, S. F. The dwelling will be erected on Huron street near Sikes, and has been designed to contain six rooms and bath. Interior finish will be largely of pine. Hardwood floors will be used in the living and dining rooms. There will be an open fire place and tile or brick mantel. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owners, Johnson and Johnson, 35-A Devisadero street, S. F. The dwelling, designed for a six-room house with bath, will be erected on the east side of 23rd avenue north of Irving street. Interior finish will be of pine and redwood with some hardwood floors. Open fire places with tile or brick mantels will be installed. Bath room will have tile wainscot and composition floor. An automatic water heater is specified. Exterior of the house will be covered with cement plaster on metal lath and rustic. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, A. R. Lapham, 1853 McAllister street, S. F. The dwelling has been designed or a seven-room house and will be erected on the west side of 12th avenue near Anza street. Pine and redwood interior finish will be used. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residences, 6 2 story and base, frame, \$2,500 each. Architect, O. E. Evans, 2367 Mission street, S. F. Owners, Guerrero Realty Co. These six houses will be erected on Douglas street near 23rd street and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood. Oak floors will be used in the principal rooms. A large open fire place and tile mantel will be used in the living rooms. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exteriors will be covered with rustic and shiplap with some cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

SAN FRANCISCO—Bungalow, 1 story and base, frame, \$1,500. Architects, Rhodes & Marisch, 3372 16th street, S. F. Owner, A. Neuschwander. The dwelling will be erected on Arlington street near Parraquet, and has been designed to contain five rooms and bath. Interior finish will be of pine throughout. There will be an open fire place and tile mantel. An automatic water heater will be installed. Exterior of the house will be covered with shingles. Plans are being prepared. Work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,000. Architects, Rhodes & Marisch, 3372 16th street, S. F. Owner, M. J. Terranova. The dwelling will be erected at the southeast corner of Paris and Persia streets and has been designed to contain six rooms and bath. Interior will be finished in pine throughout. Hardwood floors will be used in the living room and dining room. There will be open fire places and tile or brick mantels.

Beam ceilings are also specified. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,000. Architect, none. Owner, P. W. Morehouse, 1444 Broadway, Oakland. The dwelling has been designed for a seven-room house and will be erected on the west side of Spruce street near Prospect avenue. Interior finish will be of pine and hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, James W. PlacHECK, Archeson Bldg., Berkeley. Owner, Thomas Cuthill. The dwelling will be erected on Spruce street and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine and hardwood veneer with beam ceilings and hardwood floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$12,000. Architect, Charles Mau, Macdonough Bldg., Oakland. Owners, Misses Mary and Margaret Dunn. The dwelling will be erected at the northeast corner of Bellevue and Van Buren avenues and has been designed to contain twelve rooms, three baths and sleeping porches. Interior finish will be of pine, redwood and hardwood. There will be furnace heat and open fire places. Mantels will be of tile and brick. Hardwood floors will be used in the living room, dining room and reception hall. Bath room will have tile floors and wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

HOLLISTER, SAN BENITO CO., CAL.—Residence, 2 story and base, frame, \$20,000. Architect, W. H. Weeks, 75 Post street, S. F. Owner, George E. Syker. The dwelling has been designed for a modern ranch house, and will be erected on the Patcines Ranch near Hollister. There will be twelve living rooms, three baths and sleeping porches. Interior will be finished in pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and a hot water supply. Open fire places and tile mantels will be used in the principal rooms. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the dwelling will be covered with cement plaster on metal lath. A red

clay tile roof will be used. Plans are complete and figures will be taken at once.

SAN FRANCISCO—Residences, 6, 2 story and base, frame, \$3,500 to \$6,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, Captain Edwards. These houses, designed to contain from six to eight rooms, will be erected in Ashbury Heights. Interiors will be finished in pine, redwood and hardwoods. Hardwood floors will be used in the principal rooms. The larger houses will have furnace heat as well as open fire places. Mantels will be of brick and tile. Automatic water heaters will be installed in all the houses. Bath rooms will have tile wainscot and composition floors. Exteriors will be covered with cement plaster on metal lath, shingles and rustic. Plans are being prepared and when complete the work will be done by Day Labor.

Contracts Awarded.

PASADENA, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame and plaster, \$21,240. Architects, Elmer Grey, Wright and Callender Bldg., L. A. Owner, W. H. Brophy. Contractor, W. A. Taylor, 965 Elizabeth street, Pasadena. Contract price, \$21,240.

OAK KNOLL, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame and brick, \$29,410. Architects, Hudson & Munsell, Stimson Bldg., L. A. Owner, Morris Cohn. Contractor, John L. Conner, 435 West 31st street, L. A. Contract price, \$29,410.

SEWERS, STREET WORK AND WATER SYSTEMS.

ALIFORNIA—Highway construction. Cost not stated. Engineer, Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids opened by the Highway Commission in Sacramento for highway construction in Solano, Alameda (two pieces), Ventura and Kern Counties will be found under the heading of San Francisco in this issue.

PRESIDIO OF SAN FRANCISCO, CAL.—Asphalt road work. Cost not stated. Engineer, Constructing Quartermaster, Fort Mason, Owners, United States Government. Plans are complete and bids will be opened on April 23rd for the construction of 2,200 feet of 25-foot highway in the Presidio of San Francisco. The work will require a 2-inch binder and a 1½-inch top. Plans and specifications can be secured from the office of the Constructing Quartermaster at Fort Mason.

STORES.

WOOL LAND, YOLO CO., CAL.—Office, 2 story and base, reinforced concrete. Cost not stated. Architects, Ward & Blohne, Alaska Commercial Bldg., S. F. Owners, Yolo Water Co. The building will be designed to contain the company's offices on the first floor and an attorney's offices on the second floor. Interior will be finished in pine and hardwood with some ornamental iron and bronze grilles. There will be a central heating system. Exteriors of the building will be faced with cement plaster. Plans are complete and the work will probably be done by Day Labor.

OAKLAND, CAL.—Stores and offices, 3 story and base. Class A construction, \$50,000. Architect, C. W. Dickey. Central Bank Bldg., Oakland. Owners, Moody Estate. The building will be erected on the north side of 14th street between Clay and Jefferson streets, and has been designed with foundations and steel heavy enough to carry five additional stories. The first floor will contain stores and the upper floors will be arranged for a number of modern offices. There will be a complete steel frame, concrete or brick exterior walls and fireproof interior partitions. Interior finish will be of pine and hardwoods with metal trim and marble and tile. Metal window frames and sash are specified. There will be patent store fronts, sidewalk doors, lifts and lights. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures will be called for at once.

FRESNO, FRESNO CO., CAL.—Automobile exhibit building, brick construction, \$10,000. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owners, Fresno County Agricultural Association. The building will cover an area of 95 by 120 feet and will be 20 feet high. Interior will be finished in pine and hardwoods with a cement and tile floor. Steam heat and modern plumbing and electric work will be installed. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Preliminary plans are being prepared.

THEATRES.

BURLINGAME, SAN MATEO CO., CAL.—Theatre, 1 story and base, Class C construction, \$25,000. Architect, Harris Allen, Central Bank Bldg., Oakland. Owner's name withheld. The building will be erected on one of the main streets in San Mateo and will have a seating capacity of about 800 people. Interior finish will be of pine with some ornamental plaster. A modern system of heating and ventilation will be installed. Special electric work will be specified. Exterior of the building will be faced with pressed brick and cement plaster. Plans are now being prepared.

LOS ANGELES, CAL.—Greek theatre, reinforced concrete construction. Cost not stated. Architects, S. Tilden Norton and J. H. Wallis. Title Insurance Bldg., L. A., associated with Architects Heath & Gove, Tacoma, Wash. Owners, City of Los Angeles. The theatre will be erected in Griffith Park. A proposed science observatory is also a part of the project. The new theatre will be one of the largest Greek theatres in the United States. Complete plans will be submitted to the City Council within a week or ten days and bids will be called for at once. Further mention will be made of the work.

HOOD RIVER, ORE.—Theatre, 1 story and base, brick, \$15,000. Architect, Aaron H. Gould, Henry Bldg., Portland. Owner, William Baker. The building has been designed for a motion picture house and will cover an area of 50 by 100 feet. Besides the main floor plans provide for a balcony which will give the house a combined seating capacity of 650 people. Interior finish will be of pine throughout. Modern heating and ventilation will be in-

stalled. Special electric work is also specified. Exterior of the building will be faced with cement plaster. Plans will go out for figures in about one week. A general contract will be awarded.

PORTLAND, ORE.—Theatre and stores, 3 story and base, reinforced concrete, \$50,000. Architect, W. B. Bell, Sherlock Bldg., Portland. Owner, A. C. Ruhy. The building will be erected at the corner of 5th and Burnside streets, covering an area of 50 by 100 feet. Construction will be fireproof throughout with reinforced concrete walls, floors and roof slabs. Interior partitions will be of metal lath and plaster and hollow tile. There will be five stores on the ground floor besides the main auditorium and entrance. The theatre will seat 650 people. A portion of the upper floors will be arranged for hotel rooms, there being 69 rooms and several baths. Interior finish will be of pine throughout with some ornamental plaster in the theatre. Plans provide for steam heat, ventilating system and a hot water supply. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

PORTLAND, ORE.—Theatre, 1 story and base, brick, \$20,000. Architects, Emil Schacht & Son, Commonwealth Bldg., Portland. Owner, Joseph Clissett. The building will be erected at the corner of First and Main streets, covering an area of 50 by 100 feet, and has been designed for a motion picture house. Interior will be finished in pine and ornamental plaster. The main portion of the building will have a seating capacity of 500 people. Plans provide for one small store besides the theatre. There will be steam heat and a modern system of ventilation. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SEATTLE, WASH.—Theatre and offices, 6 story and base, Class A construction, \$500,000. Architect, B. Marcus Pretica, Empire Bldg., Seattle. Owner, Alex Pantages. This building will be erected on one of the principal business corners and will cover an area of 111 by 120 feet. Construction will be Class A throughout with a complete steel frame, reinforced concrete walls, floors and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. The main portion of the building will be occupied by the theatre, which will have a seating capacity of 2,000 people. Upper floors will contain twelve offices to the floor. Interior of the theatre will be finished in the French Renaissance style. Plans provide for steam heat, elevator service and a modern system of ventilation. Interior of the offices will be finished in pine and hardwood. Marble and tile will also be used extensively. Exterior of the building will be faced with white glazed terra cotta. Plans are complete and figures are being taken.

BELLINGHAM, WASH.—Theatre, 3 story and base, Class A construction, \$135,000. Architect, Stanley Piper, Bellingham. Owners, The Edison Amusement Co. A report states that this company, which is a large British Columbia firm, has secured a location in Bellingham and will start construction on a large theatre within the next three months. The exact location and other details of construction are lack-

ing at this time. The report states, however, that construction will be of the Class A type and that the theatre will have a seating capacity of 1,500 people. Further mention will be made of the work.

SEALED PROPOSALS.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 842—Proposals for Cast Iron Water Pipe and Fittings, Valves, Nails, Water Coolers, Drinking Glasses, Leather, Cotton Sheet, Railway Flags, Rules, Record Books, Binder's Board, Padboard, Chipped Soap, Silica Sand, Calcium Carbide, Chloride of Lime, Turpentine, Linseed Oil, Lard Oil, Gasoline, Varnish, Shellac and Chrome Yellow.—Sealed proposals will be received at the office of the general purchasing officer, Panama Canal, Washington, D. C., until **10:30 a. m., April 30, 1914**, at which time they will be received in public for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 842) may be obtained from this office or the offices of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR RECLAMATION WORK.

RECLAMATION WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States reclamation service, May 1, morning until 2 o'clock, **May 2, 1914**, for the excavation of the auxiliary spillway channel and the construction of the North Dike, Vandalla Division, involving approximately 160,000 cubic yards of material. The work is situated on the north side of Milk River adjacent to the main line of the Canadian Pacific Railway, about 3½ miles from Vandalla station and adjacent to the U. S. Reclamation service's siding at Vandalla Dam. For particulars address the United States reclamation service, Washington, D. C., Great Falls, Montana, or Malta, Montana. F. H. NEWELL, director.

PROPOSALS FOR CONSTRUCTING CANALS.

CANAL WORK—Department of the Interior, United States Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Orland, Cal., until **10:30 a. m., May 1, 1914**, for the construction of about 35 miles of distribution canals and laterals. The work involves the excavation of about 1,000,000 cubic yards of material and is situated near the town of Orland, Cal. For particulars address the United States Reclamation Service, Washington, D. C., Orland, Ore., or Orland, Cal. F. H. NEWELL, director.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 840—Proposals for the purchase of Scrap Chain, Malleable Iron, Tool Steel, Wrought Iron and Steel offered for sale by the Panama Canal and which is no longer needed.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until **10:30 a. m., May 2, 1914**, at which time they will be opened in public for purchasing the above mentioned articles. Blanks and general information relating to this circular (No. 840) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

W. R. BRODE, Pres. LOUIS R. HOLM, Sec. R. J. BRODE, Vice-Pres.

BRODE IRON WORKS

Established 1886—Incorporated 1913

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Office & Works: 31-37 Hawthorne St., bet. Howard & Folsom Sts., San Francisco, Cal.

PROPOSALS FOR METAL HOOK RACKS

SEALED proposals for furnishing eight metal hook racks for the Hall of Records will be opened in open session of the Board of Supervisors, San Francisco, April 27th, 1914, at 3 p. m. Proposals blanks furnished on application. J. S. DUNNIGAN, Clerk.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 4th day of May, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The furnishing and installing of lighting fixtures in the main group of buildings of the San Francisco Hospital.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works and completed within ninety (90) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$5,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. RICHARD J. CLANE, Secretary.

PROPOSALS FOR YARD WORK.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 6th day of May, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The Yard Work of the San Francisco Hospital, located on Potrero avenue and Twenty-second street.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works and completed within time limits as provided in specifications.

The amount of bond for faithful performance of contract has been fixed at \$12,500.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. RICHARD J. CLANE, Secretary.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received at the Office of the Comptroller, University of California, Berkeley, Cal., at or before 10 A. M., Thursday, April 23rd, 1914, for the erection of a two-story brick Class Room Building at Davis, Cal., as per plans and specifications on file at said Office. A deposit of \$5.00 will be required for each set of plans and specifications, which will be refunded upon return of said plans and specifications.

No bids will be received unless accompanied by a certified check or bond in favor of the undersigned, equal to ten per cent of the bid, to secure execution of contract by successful bidder. The right is reserved to reject any or all bids.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA. (*)

NOTICE TO CONTRACTORS.

COUNTY OF KERN, State of California.—Sealed proposal addressed to the Board of Supervisors and endorsed "Proposals for Furnishing and Installing a Crushing Plant at Keene, near Woodford on the Southern Pacific Railroad" will be received by the Board of Supervisors of Kern County at their office in the County Court House until two (2) o'clock p. m. on May 12th, 1914, and at that time and place will be publicly opened and read.

Competitive designs and bids to be submitted by contractors for an electrically equipped plant of 1000 tons capacity to 8 hours.

A cutting of general specifications and contract maps of the quarry site may be obtained at the office of the Kern County Highway Commission, Bakersfield, California. All proposals must specify each part of the equipment, giving manufacturer's name and catalog identification and must give the price proposed both in writing and in figures signed by the bidder with his address.

Each proposal must be accompanied by a certified or cashier's check amounting to at least ten (10) per cent of the amount of the bid payable to the Chairman of the Board of Supervisors, such check to be returned to the bidder unless forfeited under the conditions herein stipulated.

A bond will be required for the faithful performance of the contract in a sum equal to one-half (½) of the amount of the contract, and a further bond in a sum equal to one-quarter (¼) of the amount of the contract will be required for the security of materialmen and laborers. The sureties on both bonds must be approved by the Board of Supervisors.

The bidder to whom the contract may be awarded will be required to appear at the office of the said Board of Supervisors within ten (10) days after it is awarded to him. In case of failure or neglect to do so, he may be considered as having abandoned it, and the check accompanying the proposal may, at the option of the Board of Supervisors be forfeited to the County Clerk.

All bids will be compared on the basis of excellence of design and material as well as the amount for which it is proposed to install the plant. The Board of Supervisors reserves the right to reject any or all bids. BOARD OF SUPERVISORS OF KERN COUNTY.

By H. A. JASTRO, Chairman.

NOTICE TO CONTRACTORS.

NOTICE is hereby given that sealed bids will be received by the Board of Supervisors, Colusa Co., Cal., at their

Board rooms in County Courthouse, on the 6th day of May, 1914, up to 10 A. M. of said day, for furnishing the labor and material for constructing a new reinforced Concrete Hall of Records Building, in the Town of Colusa, Colusa Co., Cal., on the square facing Jay and 6th Streets. The building to be constructed directly in back of present Court House facing Jay St., south of 6th St. west.

The plans and specifications for the said proposed new Hall of Records Building are on file in the offices of W. J. King, County Clerk and Ex-Officio Clerk of the Board of Supervisors in the Town of Colusa, Colusa Co., Cal., and also in the office of Henry C. Smith, the authorized architect, 755 Market St., San Francisco, Cal., where copies of the same may be obtained by bidders on deposit of the sum of Twenty-five (\$25.00) Dollars. Reference is hereby made to such plans and specifications for mode of bidding. Blank forms of bidding will be furnished by the County Clerk or architect upon application before bids are received.

Each bid must be accompanied by a certified check or bidder's bond for ten (10) per cent of the amount of the bid, said check or bond to be made payable to W. J. King, County Clerk and Ex-Officio of the Board of Supervisors. The Board reserves the right to reject any and all bids.

All general bidders will be allowed to retain the plans and specifications for seven (7) consecutive days in which to prepare figures, but arrangements may be made upon payment of \$10.00 to retain same until opening of bids, which amount will be deducted from the deposit made of \$25.00 when the plans and specifications are returned.

DATED the 8th day of April, 1914.

WM. J. KING,
County Clerk. (*)

NOTICE TO CONTRACTORS.**BOARD OF PANAMA-PACIFIC MANAGERS FOR MASSACHUSETTS.**

SEALED PROPOSALS will be received by the Board of Panama-Pacific Managers for Massachusetts at Room 305, in the Tremont Building, Boston, Massachusetts, at 11:00 A. M. (Eastern Time), Monday, May 11, 1914, for Construction of the Panama-Pacific Exposition at the Panama-Pacific International Exposition on file in the office of the Board of Panama-Pacific Managers for Massachusetts in Room 305, Tremont Building, Boston, Massachusetts, and in the office of the Director of Works of the Exposition, Room 197, State Building, Exposition Grounds, San Francisco, California.

Each proposal must be accompanied by a certified check payable to the order of the Board of Panama-Pacific Managers for Massachusetts in the sum of ten (10) per cent of the amount bid on the same will not be considered. When the award of contract is made, all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be applied upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Board of Panama-Pacific Managers for Massachusetts.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects in the interest of the State of Massachusetts.

Plans and specifications for the work may be obtained from the Board of Panama-Pacific Managers for Massachusetts, Room 305 Tremont Building, Boston, Massachusetts, or from the Director of Works of the Exposition, Room 197, State Building, Exposition Grounds, San Francisco, California, by depositing \$25.00, which amount will be refunded to the contractor upon the return of plans and specifications in good condition.

By order of the Board of Panama-Pacific Managers for Massachusetts.

PETER H. COPELAND, Chairman.
CHARLES C. POWELL, Secretary. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 10:00 A. M. Thursday, April 30, 1914, for Constructing The California Building in accordance with specifications on file in the office of the Director of Works.

Separate proposals will be allowed on Plumbing, Water Supply and Gas Fitting, Heating and Ventilating, Electric Wiring, and Elevators.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made, all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$50.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit a bona fide bid will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,

Chairman. (*)

PROPOSALS FOR BUILDING.

SEALED PROPOSALS, Indorsed "Proposals for Fireproofing Pattern Shop," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock A. M., May 1, 1914, and then and there publicly opened for partial reconstruction and fireproofing building No. 52 at the navy yard, Puget Sound, Wash. Estimated cost, \$12,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard, Bremerton, Wash. E. R. STANFORD, chief of bureau.

PROPOSALS FOR INTERIOR DECORATIONS.

INTERIOR DECORATIONS—Treasury Department, Supervising Architect's Office, Washington, D. C.—Sealed proposals will be received in the office until May 1, 1914, for interior decorations, U. S. court house, San Francisco, Cal. For further information address O. WENDEROTH, supervising architect.

PROPOSALS FOR STEEL.

STEEL FOR MARINE RAILWAY—Bureau of Yards and Docks, Navy Department, Washington, D. C.—The date for opening proposals for structural steel for marine railway for naval academy, Pearl Harbor, Hawaii, specification No. 2056, is postponed from April 4 to May 9, 1914. W. M. SMITH acting chief of bureau.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Sealed proposals indorsed "Proposals for Chief Operator's Quarters" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock A. M., May 9, 1914, and then and there publicly opened for chief operator's quarters at the United States naval radio station, Tatohai Island, Wash.

Estimated cost, \$3,500. Plans and specifications can be obtained on application to the bureau or to the commandant of the Puget Sound navy yard, Bremerton, Wash. H. R. STANFORD, chief of bureau.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 10:00 A. M., Tuesday, April 28, 1914, for Sheet Asphalt Wearing Surface of the Main Concessions Roadway and the Chestnut Street Plaza in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered.

When the award of contract is made, all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which amount will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,

Chairman. (*)

PROPOSALS FOR MARBLE.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock P. M. and 3 o'clock P. M. on Wednesday, the 25th day of April, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The marble work for the City Hall Conservatory, and the work for the Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, and the work is to be completed and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within one hundred (100) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed as follows:

Proposition No. 1—\$75,000.00.
Proposition No. 2—\$50,000.00.
Proposition No. 3—\$50,000.00.
Proposition No. 4—\$50,000.00.
Proposition No. 5—\$60,000.00.
Proposition No. 6—\$50,000.00.
Proposition No. 7—\$100,000.00.
Proposition No. 8—\$100,000.00.
Proposition No. 9—\$100,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect. All proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

RICHARD J. CLINE,

Secretary.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., March 27, 1914.—SEALED PROPOSALS will be opened in this office at 3 P. M., May 6, 1914, for the construction of complete (including mechanical equipment, interior lighting, fixtures and approaches) of the United States Post Office at Grass Valley, Cal. The building is a one-story building, with a ground area of approximately 4,450 square feet; stucco facing; slate roof, nonfireproof construction. Drawings and specifications may be obtained from the custodian of site at Grass Valley, Cal., or at this office, in the discretion of the Supervising Architect, O. WENDEROTH, Supervising Architect. (*)

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal., April 11, 1914.—SEALED PROPOSALS, in triplicate, for constructing Quartermaster Stables at the Presidio of San Francisco, Cal., will be received until 11 A. M., May 11, 1914, and then opened. Plans and specifications may be obtained here. Deposit of \$25.00 required to insure return of plans, etc. Proposals must be enclosed in sealed envelopes and addressed to LIEUT. COL. GEO. MCK. WILLIAMSON, Q. M. C. (*)

PROPOSALS FOR SALE OF VESSELS.

SALE OF U. S. NAVAL VESSELS.—Sealed proposals will be received at the bureau of supplies and accounts, Navy Department, Washington, D. C., until 12 o'clock noon, May 1, 1914, when they will be publicly opened for the purchase of the following vessels: U. S. S. Manila, at navy yard, Mare Island, Cal., appraised value \$60,000; U. S. S. Restless, at naval torpedo station, Newport, R. I., appraised value \$2,000. The Manila will be sold for cash to the highest bidder. The Restless will be sold to the bidder offering the highest price above the appraised value. Forms of proposal and bond and information concerning the vessels and the terms and conditions of sale may be obtained upon application to the bureau of supplies and accounts, JOSEPHUS DANIELS, Secretary of the Navy.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, on and including 12 o'clock noon, Tuesday, April 27, 1914, to build a dam and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the Worker's Cottage—Female—at the Agnew's State Hospital, Agnew, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work.

Each bid must be in the hand of a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Worker's Cottage—Female—Agnew's State Hospital, Agnew, California."

(Signed) W. F. McCLURE,

State Engineer. (*)

Firms dealing news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

STATE EXHIBIT BUILDING—2 story and base, frame and plaster. Cost not stated. San Francisco. Architect, Thomas H. F. Burditt, Service Bldg., S. F. Owners, State of California. The building will be the largest and finest of the exhibit buildings to be erected by the states. Design is in the Mission style with the exterior covered with cement plaster on metal lath and roof of clay tile. The structure will cover an area of 737 by 340 feet and will cost between \$400,000 and \$500,000. Interior will be arranged for approximately 140,000 square feet of display space for the various counties, a large hall room, department for the Militia and Executive's quarters. Plans are complete and figures are being called for which will be opened on April 30th. Separate bids are being taken for the general construction, plumbing, water supply, gas fitting, heating and ventilating, electric work and elevators. An official proposal appears in another column of this issue.

APARTMENT HOUSE—4 story and base, brick and steel. \$70,000. San Francisco. Architect, Alfred Henry Jacobs, 110 Sutter street, S. F. Owner, Emanuel Levy, 717 Market street, S. F. The building will be erected on Van Ness avenue near Vallejo, and will cover a considerable ground area. Apartments will consist of five and six rooms with from one to two private baths. Interiors will be handsomely finished in pine and hardwoods with some oak floors. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. All bath rooms will have tile floors and wainscot. Wall beds are specified. Entrance of the building will be finished in tile and marble. Exterior of the building will be faced with pressed brick. Plans are being prepared.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architect, none. Owner, A. C. Lomelino, 1705 Hyde street, S. F. The building will contain six apartments of four rooms each and will be erected on the north side of Pacific street west of Hyde. Interior finish will be of pine throughout. There will be a hot water supply, wall beds and private bath rooms. Entrance will be finished in marble and tile. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$20,000. San Francisco. Architect, Carl Gelfuss, 16 Kearny street, S. F. Owner, L. A. Baeleccio. The building will be erected on Vallejo street near Van Ness avenue. The building will have a frontage of 30 feet 1 inch by a depth of 122 1/2 feet. There will be a total of nine apartments each of four rooms. All rooms will have outside exposures and will receive an abundance of sunlight and fresh air.

Each apartment will have a reception hall from which all rooms except the baths may be entered. All rooms are exceptionally large and will be handsomely finished in pine with hardwood panels, beam ceilings, built-in book cases and hardwood floors. Plans provide for steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Kitchens will be equipped with all modern improvements, including patent ironing boards, coolers and ice chests. The building will be entered from the sidewalk level, the entrance and lobby being finished in marble and tile. Basement will contain private storage space for each apartment, laundry, amusement room and urnace room. Exterior will be covered with cement plaster on metal lath.

APARTMENT HOUSE—4 story and base, reinforced concrete, \$32,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, E. V. Lacey and J. B. Reite. The building will be erected on the south side of Post street 30 feet west of Larkin, having a frontage of 25 feet and a depth of 120 feet. Interior has been arranged for a total of 27 suites of two and three rooms with private baths and wall beds. Pine and hardwood trim will be used. Plans provide for steam heat, elevator service and hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior will be faced with cement plaster. Plans are complete and segregated figures are now being taken on the various parts of the work.

ICE AND COLD STORAGE PLANT—5 story and base, brick and steel, \$60,000. San Francisco. Engineer, Charles Wallace, Kansas City, Mo. Owners, National Ice and Cold Storage Co. This is the second building to be erected on the company's property at the corner of Sansome and Union streets. A four-story building is now nearing completion and the new five-story building will be connected with this structure by an arcade. The two buildings combined will give the company approximately 1,000,000 cubic feet of refrigeration. The proposed building will cover an area of 120 by 177 1/2 feet. Exterior will be faced with pressed brick. Plans are complete and in the hands of the owners who will do the work partly by Day Labor and partly by contract.

LAUNDRY—2 story and base, reinforced concrete. Cost not stated. San Francisco. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner, Mr. Laroni. The building will be erected on Post street between Larkin and Polk, and has been arranged for the laundry on the first floor and rooms above. Interior finish will be of pine throughout. A cement floor will be used on the ground floor. Special machinery will be installed. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

MUNICIPAL ASPHALT PLANT—1 story, reinforced concrete, \$22,844. San Francisco. Architect, City Department of Architecture, Temporary City Hall. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of Public Works for the construction of a Municipal asphalt plant on Florida street show Frank M. Garden Co. low at \$22,844, and he will probably be awarded the contract. A complete list of the figures submitted will be found under the heading of San Francisco in this issue.

FLATS—2 story and base, frame, \$3,500. San Francisco. Architect, none. Owners, E. and G. Cicerone, 71 Valparaiso street, S. F. The building will be erected on Varennes street north of Green and has been designed to contain two flats of five rooms each. Interior finish will be of pine and redwood with some oak floors. There will be gas grates and tile mantels. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with rustic and shiplap. Plans are in the hands of the owners and the work will be done by ay Labor. Materials are now being purchased.

FLATS—2 story and base, frame, \$2,000. San Francisco. Architect, none. Owner, Mrs. Higgins, 639 Natoma street, S. F. The building will contain two flats of five rooms each. Interior finish will be of pine and redwood. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. A portion of an old residence will be utilized. Exterior will be covered with rustic and shiplap. Plans are complete and a contract will be let by the owner.

FLATS—3 story and base, frame, \$6,500. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Fred Roettiger. The building will be erected on the north side of Lake street west of 7th avenue, covering an area of 28 by 61 feet. There will be three modern flats of five and six rooms. Interiors will be finished in pine, redwood and hardwood veneer with some oak floors. All living rooms will have open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and work will be carried on by Day Labor. Materials are now being purchased.

GARAGE—1 and 2 story and base, Class A construction. Cost not stated. San Francisco. Architect, Sylvain Schnaittacher, First National Bank Bldg., S. F. Owners, Taxicab Co. of California. The building will be erected at the northeast corner of Bush and Larkin streets, covering an area of 137 1/2 by 137 1/2 feet, and has been designed for one of the largest commercial garages in the west. Construction will be of the Class A type throughout with a complete steel frame, brick exterior walls and concrete floor. The main portion of the building will be one story high and will be occupied by the garage and storage space. The two-story portion will contain modern machine and repair shops. Office will be finished in pine. Plans provide for metal window sash and frames and two large gasoline storage tanks. An elevator capable of lifting the largest machines will be installed. Exterior of the building

will be faced with pressed brick. Working drawings are now being prepared.

GARAGE—1 story and base, reinforced concrete or brick, \$20,000. San Francisco, Architect, Matthew O'Brien, Foxcroft Bldg., S. F. Owner, Mrs. W. J. Gallagher. The building will be erected on Grove street between Laguna and Buchanan streets and has been designed as a commercial garage. Both reinforced concrete and brick and steel construction are being considered. There will be a cement floor, special gasoline storage tanks, metal window sash and frames. Interior will be finished in pine throughout. Plans provide for storage space and a machine shop. Exterior of the building will be faced with either pressed brick or cement plaster. Plans are complete and figures are being taken.

STABLES—5, 1 story, brick or reinforced concrete. Cost not stated. San Francisco. Engineer Constructing Quartermaster Department, Fort Mason. Owners, United States Government. These buildings have been mentioned here a number of times before. Working drawings are complete and figures will be opened on May 11th. Each structure will cover an area of 65 by 185 feet and will have accommodations for 100 head of stock. Cement and composition floors will be used. Plans provide for modern electric work, plumbing and special stable features. If brick is used the five buildings will require 900,000 stock brick and 120,000 paving brick. Plans and specifications can be secured from the office of the Constructing Quartermaster at Fort Mason. An official proposal appears in another column of this issue.

MORGUE AND LABORATORIES—1 and 2 story. Class A construction, \$60,000. San Francisco. Architects, Righetti & Headman, Phelan Bldg., S. F. Owners, City and County of San Francisco. These architects have been commissioned to prepare plans for the two remaining buildings which are to complete the San Francisco Hospital group on Potrero avenue between 21st and 23rd streets. Construction will be of the Class A type. Interiors will be finished in pine, metal trim and hardwood. Considerable tile and marble will be used. Exteriors will be faced with pressed brick trimmed with terra cotta. Plans are now being prepared. Bids will be called for by the Board of Public Works.

HOSPITAL LIGHTING FIXTURES AND YARD WORK—Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Plans have been completed for installing lighting fixtures in the San Francisco Hospital group and for the yard work. Bids are being taken and will be opened on May 6th by the Board of Public Works. Official proposals appear in another column of this issue.

HOTEL—7 story and base, steel and brick, \$110,000. San Francisco. Architects, Smith & Stewart, 241 Kearny street, S. F. Owner, A. O. Stewart. The building will be erected on the north side of Ellis street east of Mason, and will have a frontage of 50 feet by a depth of 137½ feet. There will be two stores on the first floor besides the office, lobby and amusement room. Upper floors will contain a total of

120 guest rooms, all of which will have private baths. A complete steel frame will be used. Plans provide for steam heat, elevator service, hot water system and vacuum cleaning. Interior finish will be of pine and hardwood with ornamental plaster in the lobby and office. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with a cream colored pressed brick. Plans are complete and figures are being taken.

STATE EXHIBIT BUILDING—2 story, frame and plaster. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, State of Massachusetts. Plans for the building which is to house the Massachusetts State Exhibit have been completed by eastern architects and forwarded to the Director of Works for approval and to secure local figures. The building will be a duplicate of the Massachusetts' State Capitol. Plans are now out for figures which will be opened by the Panama-Pacific Managers for Massachusetts, Trenton Bldg., Boston, on May 11th at 11 o'clock eastern time. Plans can be secured from the Director of Works, Service Bldg. An official proposal appears in another column of this issue.

APARTMENT HOUSE—3 story and base, frame, \$7,000. San Francisco. Architect, none. Owners, C. J. and W. J. Keenan, Grove and Masonic streets, S. F. The building will be erected at the southeast corner of Grove and Masonic streets and has been designed to contain six modern apartments of four rooms each. Interior finish will be of pine with some elm panels and hardwood floors. There will be steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. All apartments will be equipped with wall beds. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. A brick veneer base is specified. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

FLATS—2 story and base, frame, \$3,500. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, F. Devitt. The building will be erected at the corner of London and Italy streets and has been designed to contain two flats of four rooms each. Interior finish will be of pine and redwood. Oak floors will be used in the living rooms and dining rooms. There will be open fire places and tile mantels. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and ship-lap. Plans are being prepared and figures will be taken shortly.

FLATS—2 story and base, frame, \$6,000. San Francisco. Architect, none. Owner, E. Peterson, 1205 10th avenue, S. F. The building will be erected on the east side of 23rd avenue south of Taraval, having a frontage of 25 feet and a depth of 70 feet. Each flat will contain six rooms and bath. Interior will be finished in pine and hardwood veneer with oak floors in the principal rooms. There will be large open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the

house will be covered with cement plaster on metal lath. Plans are in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

GARAGE—1 story and base, reinforced concrete or brick and steel, \$15,000. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner's name withheld. Lessee, Mr. Emanuel. The building will be erected on the north side of Post street west of Franklin street, having a frontage of 85 feet and a depth of 137½ feet. Bids will be taken for both the reinforced concrete and brick type of construction. Storage space and office will occupy the greater portion of the building while the rear will contain a machine shop. Foundations are already in. Interior finish will be of pine. There will be a cement floor and special steel gasoline storage tanks. Exterior will be faced with cement plaster. Plans are being prepared.

RESIDENCES—2, 2 story, frame, \$2,000 each. San Francisco. Architect, none. Owner, A. T. Morris, 616 9th avenue, S. F. These two houses, each designed to contain six rooms and bath, will be erected on the west side of 11th avenue north of Anza street. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be large open fire places in the living rooms. Mantels will be of tile. Automatic water heaters will be installed. Tile wainscot will be used in the bath rooms and kitchens. Exteriors of the houses will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BUNGALOW—1½ story and base, frame, \$2,500. San Francisco. Architect, none. Owners, Oscar Heyman & Bros., 742 Market street, S. F. The dwelling will be erected on Huron street near Sikes, and has been designed to contain six rooms and bath. Interior finish will be largely of pine. Hardwood floors will be used in the living and dining rooms. There will be an open fire place and tile or brick mantel. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owners, Johnson & Johnson, 55-A Devisadero street, S. F. The dwelling, designed for a six-room house with bath, will be erected on the east side of 23rd avenue north of Irving street. Interior finish will be of pine and redwood with some hardwood floors. Open fire places with tile or brick mantels will be installed. Bath room will have tile wainscot and composition floor. An automatic water heater is specified. Exterior of the house will be covered with cement plaster on metal lath and rustic. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, A. R. Lapham, 1853 McAllister street, S. F. The dwelling has been designed for a seven-room

house and will be erected on the west side of 12th avenue near Anza street. Pine and redwood interior finish will be used. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCES—8, 2 story and base, frame, \$2,500 each. San Francisco. Architect, O. E. Evans, 2367 Mission street, S. F. Owners, Guerrero Realty Co. These six houses will be erected on Douglas street near 23rd street, and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood. Oak floors will be used in the principal rooms. A large open fire place and tile mantel will be used in the living rooms. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exteriors will be covered with rustic and shiplap with some cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

BUNGALOW — 1 story and base, frame, \$1,500. San Francisco. Architects, Rhodes & Marisch, 3372 16th street, S. F. Owner, A. Neuschwander. The dwelling will be erected on Arlington street near Farragut, and has been designed to contain five rooms and bath. Interior finish will be of pine throughout. There will be an open fire place and tile mantel. An automatic water heater will be installed. Exterior of the house will be covered with shingles. Plans are being prepared. Work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$2,000. San Francisco. Architects, Rhodes & Marisch, 3372 16th street, S. F. Owner, M. J. Terranova. The dwelling will be erected at the southeast corner of Paris and Persia streets and has been designed to contain six rooms and bath. Interior will be finished in pine throughout. Hardwood floors will be used in the living room and dining room. There will be open fire places and tile or brick mantels. Beam ceilings are also specified. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic and shiplap. Plans are complete and the work will be done by day labor.

FIRE HOUSE—2 story and base, brick and steel, \$35,000. San Francisco. Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owners, City and County of San Francisco. Bids opened at last Wednesday's session of the Board of Public Works for the construction of Engine House No. 12 show C. L. Wold low on the general construction; S. W. Band low on the plumbing and gas fitting; National Electric Co. low on the electric wiring, and T. E. Davis & Son low on the brick work. A complete list of the bids opened will be found under the heading of San Francisco in this issue. The

low men will probably be awarded the contracts.

APARTMENT HOUSE—3 story and base, frame, \$25,000. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, Mrs. Bertha Overfeld. The building will be erected at the corner of Fillmore and Green streets. There will be a number of two, three and four room apartments with private baths and wall beds. Interiors will be finished in pine and hardwood with some oak floors. Plans provide for steam heat and a hot water supply. Bath rooms will be finished in tile and will have composition floors. Exterior of the building will be covered with cement plaster on metal lath. Entrance will be finished in marble and tile. Plans are being prepared.

RESIDENCES—6, 2 story and base, frame, \$3,500 to \$6,000. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, Captain Edwards. These houses, designed to contain from six to eight rooms, will be erected in Ashbury Heights. Interiors will be finished in pine, redwood and hardwoods. Hardwood floors will be used in the principal rooms. The larger houses will have furnace heat as well as open fire places. Mantels will be of brick and tile. Automatic water heaters will be installed in all houses. Bath rooms will have tile wainscot and composition floors. Exteriors will be covered with cement plaster on metal lath, shingles and rustic. Plans are now being prepared and when complete the work will be done by Day Labor.

HIGHWAY CONSTRUCTION — Cost not stated. California. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids opened by the Highway Commission in Sacramento for highway construction in Solano, Alameda (two pieces), Ventura and Kern Counties will be found under the heading of San Francisco in this issue.

ASPHALT ROAD WORK—Cost not stated. Presidio of San Francisco, Cal. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. Plans are complete and bids will be opened on April 23rd for the construction of 2,200 feet of 35-foot highway in the Presidio of San Francisco. The work will require a 2-inch binder and a 1½-inch top. Plans and specifications can be secured from the office of the Constructing Quartermaster at Fort Mason.

HOTEL—5 story and base, brick and steel, \$25,000. San Francisco. Architects, Rhodes & Marisch, 3372 16th street, S. F. Owner, C. F. Hornung. The building will be erected on Valencia street south of 16th street and has been arranged for a restaurant on the first floor and a number of private rooms and baths above. Interior finish will be of pine throughout. Plans provide for steam heat, elevator service and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Patent store fronts are specified. Plans are being prepared and figures will be called for shortly.

Contracts Awarded.

SCHOOL—2 story and base, reinforced concrete. Cost not stated. San

Francisco. Architect, Albert Pissis, Flood Bldg., S. F. Owners, City and County of San Francisco. The Board of Public Works has made the official award of contract for the general construction of the Oriental School to Elmer Carlson on his bid of \$57,285. The Butte Engineering and Electric Co. were awarded the electric work on the same at \$2,387. Scott Co. were awarded the heating and ventilating at \$3,260, and the plumbing and gas fitting was awarded to Charles Wright at \$5,200.

City Bids Opened.

Board of Public Works Consider Bids For Engine House No. 12 and Much Other City Work.

Bids for a large amount of City work were opened at the Wednesday afternoon session of the Board of Public Works. The general construction of fire house No. 12, with the figures submitted for the other parts of this work, attracted the greatest number of bidders. C. L. Wold submitted the lowest figure at \$23,485. S. W. Band was low on the plumbing, and gas fitting at \$6,400; the National Elec. Constr. Co. was low on the electric work at \$1,060 and T. E. Davis & Son were low on the brick work at \$13,014. No contracts were awarded.

Other bids opened were for the cutting and dressing of granite curbs from the old City Hall site, track specials for the Municipal Railroads, iron casting for the same, reinforced concrete trolley poles for the Van Ness avenue Municipal Road and for the general construction of the Municipal Asphalt plant.

A complete list of all bids received follows:

Engine House No. 12, General Construction.

Elmer Carlson	\$36,745
J. W. Carr	39,234
Frank M. Garden Co.	37,443
Williams Bros. & Henderson ..	42,430
C. L. Wold	35,485
E. W. Elliott	40,900
Heckenroth & Schell	35,571

Plumbing & Gas Fitting Engine No. 12.

A. Lettich	\$7,138
J. E. O'Mara	6,850
Herman Lawson	6,800
William F. Wilson Co.	7,693
F. W. Snook Co.	7,155
Ahhbach & Mayer Co.	7,000
S. W. Band	6,400
Kiernan & O'Brien	6,593
Scott Company	6,950
Wittman, Lyman & Co.	7,461

Electric Work, Engine House No. 12.

Burt Eng. & Elec. Co.	\$1,084
General Elec. Constr. Co.	1,349
National Elec. Constr. Co.	1,060
H. S. Tuttle	1,261

Brick Work, Engine House No. 12.

Reed & White	\$14,693
T. J. Campbell	18,293
J. W. Carr	14,586
O'Connor & Collins	15,186
James F. Pennell	15,290
Frank M. Garden & Co.	16,215
T. E. Davis & Son	13,014

Cutting and Dressing Curbs From Granite at Old City Hall.

McSheehy Bros. (a) \$49; (b) \$79; (c) \$69.	
John Spargo (a) \$60; (b) \$30; (c) \$75.	

J. P. M. Phillips (a) \$.45; (b) \$.80; (c) \$.65.
James Percy (a) \$.54; (b) \$.99; (c) \$.74.

Track Specials, Municipal Lines.

Only two firms, the United States Steel Products Co. and the Pennsylvania Steel Co., submitted figures for this work. The contract will approximate \$30,000. All prices were submitted on a unit basis.

Iron Castings, Municipal Railroads.

Price per pound was asked for on this work. Proposition A calls for furnishing cast iron manholes and Prop. B for furnishing cast iron cross arms.

Joshua Hendy Co. (a) \$.024; (b) \$.045.
Enterprise Foundry Co. (a) \$.021; (b) \$.0475.
Pacific Rolling Mills Co. (a) \$.0248; (b) \$.02334.
Vulcan Iron Works (a) \$.0220; (b) \$.0470.

Ajax Brass Foundry & Iron Works (a) \$.0235; (b) \$.07.

Municipal Asphalt Plant.

McSheehy Bros. \$24.42
R. A. Chisholm. 28.96
T. W. McClenahan & Co. 24.33
J. W. Carr. 24.76
William A. Newsom. 23.351
Frank M. Garden Co. 22.844

Reinforced Concrete Trolley Poles.

A number of different propositions were called for on this work, but only bids on the main proposition follow. This proposition called for furnishing and finishing all reinforced concrete trolley poles for the Van Ness Avenue line.

Each
Commarty, Peterson Co. \$42.00
H. L. Peterson. 35.00
T. W. McClenahan. 44.30
Robert C. Storrie & Co. 110.00
H. S. Tittle. 33.55

Open Highway Bids For Five Counties.

Highway Work to Be Started in Alameda, Kern, Solano and Ventura Counties at Once.

Bids were opened in Sacramento by the State Highway Commission for constructing state highways in the following counties: Solano, Alameda, (two pieces), Ventura and Kern. A complete list of the bidders together with the engineer's estimate of cost and a list of the materials furnished by the State follow. Parties interested in unit prices for this work can secure same by calling at this office.

SOLANO CO. DIV. 3 ROUTE 7 SEC. A.
Tieslau Bros. S. F. \$ 64,432.00
T. M. Burns, Sacramento. 79,250.00
Fred Leffler, S. F. 137,392.50
Daniel O'Day, S. F. 79,055.00
Raisch Imp. Co. S. F. 113,310.00

Engineer's Estimate, \$60,969.55

Materials furnished by the State: pipe railings, reinforcing steel, corrugated iron pipe, Portland cement, sand for subgrade, sand and coarse aggregate for concrete. Total, \$13,911.21.

ALAMEDA CO. DIV. 4 ROUTE 5 SEC. C.
Bates, Borland & Ayer, Okd. \$26,155.00
Tieslau Bros. S. F. 19,535.05
Fred Leffler, S. F. 37,242.50

Engineer's Estimate, \$24,103.57

Materials furnished by State: Pipe railing, reinforcing steel, corrugated

iron pipe, Portland cement broken stone for shoulders, sand and coarse aggregate for concrete. Total, \$18,819.71.

ALAMEDA CO. DIV. 1 ROUTE 5 SEC. D.
Ransome-Crummey Co., Okd. \$53,265.60
Clark, Henery Constr Co., Stockton 62,779.60

Engineer's Estimate, \$59,732.41

Materials furnished by State: Pipe railings, reinforcing steel, corrugated iron pipe, Portland cement, sand and coarse aggregate for concrete. Total, \$2,153.46.

VENTURA CO. DIV. 7 ROUTE 2 SEC. F. AND G.

Carl Leonardt, L. A. \$13,911.33
Lynn S. Atkinson, L. A. 17,040.25
A. J. Ford, L. A. 10,440.90
Leigh G. Garney, L. A. 59,095.33
Modern Constr. Co., L. A. 35,516.35

Engineer's Estimate, \$17,741.11

Materials furnished by State: Pipe railings, reinforcing steel, corrugated iron pipe, Portland cement. Total, \$16,278.05.

KERN CO. DIV. 6 ROUTE 4 SEC. F.
Lynn S. Atkinson, L. A. \$48,110
Richard Rothwell, L. A. 56,323
Taylor & Berliner, L. A. 58,884

Engineer's Estimate, \$48,769.20

Materials furnished by State: Pipe railings, reinforcing steel, corrugated iron pipe, Portland cement, sand and coarse aggregate for concrete. Total, \$59,264.

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Am't.
1237	Shipman	Marcesson	7956
1238	Yellowstone	Mangrum	2956
1239	Yulino	Houle	2644
1240	Eichler	5000	
1241	Lanzendorf	Montgomery	2498
1242	St. Ignatius	Spencer	3250
1243	Kusch	Spilletok	4500
1244	McManus	Savage	7000
1245	Dante	Roland	2500
1246	Lapham	Lapham	2750
1247	Throckmorton	Engelst	750
1248	Grace	Grace	5000
1249	Adams	Gilmour	550
1250	City & Co S F	Carlson	87,235
1251	Same	Butte	2387
1252	Same	Scott	2260
1253	Same	Wright	5200
1254	Yates	Riddle	5000
1255	Eschen	Yates	2900
1256	Same	Same	2900
1257	Same	Same	2900
1258	Lees	Jacobs	800
1259	Reinertsen	Anderson	5470
1260	Kellogg	Marcesson	3050
1261	Burbank	Nathan	741
1262	Same	Joest	2700
1263	Same	Boyd	2800
1264	Same	Vermont	540
1265	Same	Tile	2830
1266	Same	Coleman	19438
1267	Same	Relston	25000
1268	Same	Atlantic	5400
1269	Same	Cal Pil Glass	1987
1270	Same	Van Emon Elev	5990
1271	Same	W N Furnace	6743
1272	Same	Brode	1240
1273	Same	Morehouse	18700
1274	Same	Rex	4543
1275	Same	Clarke	5154
1276	McPhall	Cleese	2604
1277	McGreal	Smith	3277
1278	Walcen	De Benedi	18400
1279	Bernheim	Bernheim	1000
1280	Morrison	Page	1000
1281	Weinstein	Weinstein	1000
1282	Terranova	Terranova	2000
1283	Lacey	Reite	31900
1284	Johnson	Johnson	2500
1285	Geschi	Hager	500
1286	Wolf	Wald	2150
1287	De Reiter	Elridge	1000
1288	Irvine	Nelson	1800
1289	Pratt	Pratt	2500
1290	Cleone	Cleone	3000
1291	Merchants Ice	Owner	4000
1292	Same	Same	2750
1293	Same	Same	60000
1294	Johnson	Demarais	2150
1295	McCann	Brunswick	3750
1296	Same	Penny	2011

1297	Wynn	Verner	1575
1298	Trowbridge	Lawson	9285
1299	Skance	Mitroff	2900
1299	Lavenzo	Denardini	2425
1300	De LaFontaine	Johnson	4383
1301	Boettler	Boettler	6500
1302	Granz	Brandon	400
1303	Hotaling	Leiter	1500
1304	Hill	Sullivan	500
1305	Neenan	Neenan	400
1306	Pugliese	Pugliese	400
1307	Harvey	Crothers	850
1308	McLaughlin	Old	1000
1309	Voornan	Walker	400
1310	Ostlund	Hann	400
1311	Burmeister	Burmeister	450
1312	Fish	Hughes	400
1313	Hendrickson	Secor	450
1314	Morris	Morris	1900
1315	Same	Same	1900
1316	Heyman	Heyman	2400
1317	Keenan	Keenan	7000
1318	Peterson	Peterson	6000
1319	Gartland	Petersen	3460
1320	Same	Constr	15474
1321	Same	Kilum	2175
1322	Cath Archb	Cal Concr	2175
1323	Dutton	Hippely	1925
1324	Flaherty	Wagner	3218
1325	Henry Inv Co	Snook	1000
1326	Same	MacGruer	3350
1327	Same	Paraffin Paint Co	447
1328	Same	Fennell	11373
1329	Same	Fennell	11373
1330	Same	Reichley	11656
1331	Same	Tittle	1133

(1237) 808 & BLK 3 St. Francis Wood.

All work for frame residence.

Owner.....Ida F. Shipman.

Architect.....Henry H. Guttersen, 80

Post, San Francisco.

Contractor.....Marcus Marcesson, 19 De

visadero, San Francisco.

Filed April 13, '14. Dated April 10, '14.

Roof boards on.....\$1233

Ready for plaster.....1323

Completed and accepted.....1323

Usual 35 days.....1764

TOTAL COST, \$7056

Bond, \$5528. Surety, Aetna Accident &

Liability Co. Limit, 100 days after

April 18. Forfeit, \$5. Plans and speci-

fications filed.

(1238) EXPOSITION SITE. Heating

for Yellowstone Park Concession

Owner.....Union Pacific System

Yellowstone Park Concession

by J. B. Kathrens, Mgr.,

Heard Bldg., S. F.

Architect.....C. H. Snyder and E. J.

Austin.

Contractor.....Mangrum & Otter Inc., 561

Mission, San Francisco.

Filed April 13, '14. Dated April 11, '14.

On 10th of each month.....75%

Usual 35 days.....25%

TOTAL COST, \$2056

Bond, none. Limit, Oct. 9. Forfeit, \$5.

Specifications only filed.

(1239) E TWENTY-SIXTH AVE 125 S

Lincoln Way S 25xS 120. All work

for six-room and bath residence.

Owner.....W. J. Quinn.

Architect.....None.

Contractor.....David Houle, 660 Market,

San Francisco.

Filed April 13, '14. Dated April 10, '14.

Frame up and rafters set.....\$661

Brown coated.....661

Completed.....661

Usual 35 days.....661

TOTAL COST, \$2644

Bond, none. Limit, 85 days. Forfeit,

none. Plans and specifications filed.

(1240) E TWENTY-THIRD AVE 125 S

Clement E 125xS 25. All work for

two-story frame flats.

Owner.....George C. Eichler, 19th

Ave. and Lake, S. F.

Architect.....None.

Contractor.....Bell & Rosslow, 550 Noe,

San Francisco.



THE BROWNLEE APARTMENT HOUSE
San Francisco

Henry C. Smith, Architect
San Francisco



MAIN ENTRANCE TO THE BROWNLEE APARTMENTS
San Francisco

Henry C. Smith, Architect
San Francisco

Filed Apr. 13, '14. Dated Apr. 10, '14.
Frame up to ceiling joist...\$ 337.50
Brown coated 937.50
White coated 937.50
Completed and accepted..... 937.50
Usual 35 days..... 1250.00
TOTAL COST, \$5000.00
Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

(1241) S BONITA 134-50 W Polk. All work except finish hardware, gas and electric fixtures, walls heds and shades for two-story and basement frame residence.
Owner.....Ernst Lanzendorf, 1534 Vallejo, San Francisco.
Engineer...O. W. Lanzendorf, 1534 Vallejo, San Francisco.

Contractor...E. J. Montgomery, 1318 Broadway, San Francisco.
Filed Apr. 13, '14. Dated Apr. 11, '14.
Frame up\$350
Enclosed 500
1st coat paint on..... 500
Completed and accepted..... 535
Usual 35 days..... 624
TOTAL COST, \$2498

Bond, \$624.50. Sureties, Chas. Schiesinger and Jno. Brickwedel. Limit, July 15, 1914. Forfeit, none. Plans and specifications filed.

(1242) NE FULTON & PARKER AVE E 175XN 27.5. Construction and installation of 7 entrance doors for brick church.
Owner.....President and Board of Trustees of St. Ignatius College, Inc.
Architect...Chas. J. I. Devlin, Pacific Bldg., San Francisco.

Contractor...Spencer Street Planning Mill, 50 Spencer, S. F.
Filed Apr. 13, '14. Dated Apr. 11, '14.
Doors, door frames and jamb panls. delivered\$ 500
Balance material delivered..... 1500
Completely installed 400
Usual 35 days..... 850
TOTAL COST, \$3250

Bond, \$1625. Surety, Fidelity & Deposit Co. of Maryland. Limit, June 1. Forfeit, \$25. Plans and specifications filed.

(1243) S PACIFIC 154-6 W Powell W 20-6X8 60. All work except lighting fixtures and window shades for three story frame flats and store.
Owner.....Vincente J. and Vincenza J. Kusch.
Architect...None.
Contractor...D. Kusich, I. Spiletak and D. Kovovich, 1488 VaDejo, San Francisco.

Filed Apr. 13, '14. Dated Apr. 10, '14.
Frame up\$ 443.75
Brown coated 843.75
Mill work installed..... 843.75
Completed and accepted..... 843.75
Usual 35 days..... 1125.00
TOTAL COST, \$4500.00
Bond, \$2250. Sureties, G. B. Podesta & L. S. Rodovich. Limit, 90 days. Forfeit, none. Plans and specifications filed

NOTE: M. Mlatanovich, Hewes Bldg., is the Architect.

(1244) N CALIFORNIA 45 W 21st Ave W 50XN 70. All work for 2 two-story and basement frame flats.
Owner.....J. P. McManus, 181 21st Ave., San Francisco.
Architect...None.
Contractor...W. A. Savage, 1222 12th Ave., San Francisco.

Filed Apr. 13, '14. Dated Apr. 11, '14.
1st floor joists up.....\$ 500
Rafters on 1250
Brown coated 1750
Completed 1750
Usual 35 days..... 1750
TOTAL COST, \$7000

Bond, \$3500. Surety, Pacific Coast Casualty Co. Limit, 20 days. Forfeit, none. Plans and specifications filed.
NOTE:—One building to be erected N California 70 W 21st Ave.

(1245) N. 536 BROADWAY. Alterations and additions to saloon, etc.
Owner.....Dante Restaurant, Inc., Premises.
Architect...Louis Mastropasqua, 580 Washington, S. F.

Contractor...F. Rolandi, 550 Montgomery, San Francisco.
COST, \$2500

(1246) W TWELFTH AVE 235 S Anza. Two-story and basement frame dwlg.
Owner.....A. R. Lapham, 1853 McAllister, San Francisco.
Architect...None.
Day's work.....COST, \$2750

(1247) E FORTY-SECOND AVE 100 S Geary. Raise dwelling and add two rooms.
Owner.....F. Throckmorton, Premises
Architect...None.
Contractor...E. H. Engquist, 531 43rd Ave., San Francisco.
COST, \$750

(1248) SE MOSCOW 250 NE Persla. One-story and basement frame dwlg.
Owner.....John T. Grace, 1013 Rhoue Island, San Francisco.
Architect...None.
Day's work.....COST, \$1000

(1249) NW WEBSTER & JACKSON. Lath and plaster front.
Owner.....Chas. S. Adams, Humboldt Bank Bldg., San Francisco.
Architect...None.
Contractor...W. G. Gilmour, 180 Jessie, San Francisco.
COST, \$550

(1250) S WASHINGTON, bet. Powell and Stockton. Construction of brick school (Oriental).
Owner.....City & County of S. F.
Architect...Albert Pissis, Flood Bldg., San Francisco.
Contractor...Elmer Carlson, 209 Prospect Ave., San Francisco.
COST, \$87,285

(1251) ELECTRIC WORK ON ABOVE.
Contractor...Butte Eng. & Elec. Co., 683 Howard, San Francisco.
COST, \$2387

(1252) HEATING AND VENTILATING on above.
Contractor...Scott Company.
COST, \$3260

(1253) PLUMBING AND GAS FITTING on above.
Contractor...Chas. Wright.
COST, \$5200

(1254) E PALM AVE 290 N Geary. Two-story and basement frame dwlg.
Owner.....Jeanette Yates, 201 Euclid Ave., San Francisco.
Architect...J. M. Geary, 234 & Folsom, San Francisco.

Contractor...L. V. Riddle, 261 Euclid Ave., San Francisco.
COST, \$5000

(1255) E COLLINS 196-8 N Geary. Two-story and basement frame dwlg.
Owner.....L. Eschen & Co., Geary and Collins, San Francisco.
Architect...None.
Contractor...Wm. Yates, 335 21st Ave., San Francisco.
COST, \$2360

(1256) E COLLINS 221-8 N Geary. Two-story and basement frame dwlg.
Owner.....L. Eschen & Co., Geary and Collins, San Francisco.
Architect...None.
Contractor...Wm. Yates, 335 21st Ave., San Francisco.
COST, \$2360

(1257) E COLLINS 171-8 N Geary. Two-story and basement frame dwlg.
Owner.....L. Eschen & Co., Geary and Collins, San Francisco.
Architect...None.
Contractor...Wm. Yates, 335 21st Ave., San Francisco.
COST, \$2360

(1258) NE CALIFORNIA & STOCKTON Cut opening in walls.
Owner.....Mrs. Margaret Lees, 785 Market, San Francisco.
Architect...Henry C. Smith, 785 Market, San Francisco.
Contractor...Jacobs, Baid & Livingston
COST, \$500

(1259) E SIXTH AVE 50 N Kirkham. All work for two-story and basement frame flats.
Owner.....J. and Selma Reinertsen.
Architect...O. E. Evans, 2367 Mission, San Francisco.
Contractor...S. R. Anderson.
Filed Apr. 14, '14. Dated Apr. 14, '14.
Frame up\$1025.00
Brown coated 1025.00
Standing finish on..... 1025.00
Completed and accepted..... 1027.50
Usual 35 days..... 1367.50
TOTAL COST, \$5470.00

Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

(1260) NE UNION AND LAGUNA N 45 XE 60. Alterations and additions to two-story and basement frame bldg.
Owner.....Annie E. Kellogg.
Architect...Frank S. Van Trees, 1925 Hyde, San Francisco.
Contractor...Marcus Marcussen, 19 De Viadoro, San Francisco.

Filed Apr. 14, '14. Dated Apr. 4, '14.
Completion of work in basement\$1000
Completed and accepted..... 1000
Usual 35 days..... 1050
TOTAL COST, \$3050

Bond, none. Limit, 60 days from April 6. Forfeit, none. Plans and specifications, none.
NOTE:—1st report April 11, No. 1172.

(1261) NW POST AND STOCKTON N 137-6XW 137-6. Plumbing accessories for steel and concrete hotel building.
Owner.....Blanche M. Burbank, Union Square Hotel, S. F.
Architect...Macdonald & Macdonald, Holbrook Bldg., S. F.
Contractor...Nathan-Dohrman Co., Butler Bldg., San Francisco.
Filed Apr. 15, '14. Dated Apr. 8, '14.

On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$741
Bond, none. Limit, on completion of
hardware. Forfeit, \$50. Plans and
specifications filed.

(1262) HARDWARE ON ABOVE.
Contractor..Joost Bros., 1274 Market,
San Francisco.
Filed Apr. 15, '14. Dated Apr. 6, '14.
Payments same as above.....
TOTAL COST, \$2709
Bond, none. Limit, 90 days. Forfeit,
\$50. Plans and specifications filed.

(1263) WOODWORK ON ABOVE.
Contractor..Ira W. Coburn, Inc.,
Hearst Bldg., S. F.
Filed Apr. 15, '14. Dated Apr. 8, '14.
Payments same as above.....
TOTAL COST, \$28,000
Bond, \$14,500. Surety, U. S. Fidelity &
Guaranty Co. Limit, 30 days. Forfeit,
\$50. Plans and specifications filed.

(1264) MARBLE WORK ON ABOVE.
Contractor..The Vermont Marble Co.,
244 Brannan, S. F.
Filed Apr. 15, '14. Dated Mar. 31, '14.
Payments same as above.....
TOTAL COST, \$540
Bond, none. Limit, as required. Forfeit,
\$50. Plans and specifications filed.

(1265) TILE WORK ON ABOVE.
Contractor..Tile Manufacturing Co.,
526 Bay, San Francisco.
Filed Apr. 15, '14. Dated Mar. 30, '14.
Payments same as above.....
TOTAL COST, \$2850
Bond, \$1425. Surety, United States Fidelity
& Guaranty Co. Limit, as required.
Forfeit, none. Plans and
specifications filed.

(1266) PLUMBING ON ABOVE.
Contractor..Alexander Coleman, 706
Ellis, San Francisco.
Filed Apr. 15, '14. Dated Mar. 23, '14.
Payments same as above.....
TOTAL COST, \$19,448
Bond, \$9724. Surety, Fidelity & Deposit
Co. of Maryland. Limit, as required.
Forfeit, \$50. Plans and specifications
filed.

(1267) STEEL WORK ON ABOVE.
Contractor..The Ralston Iron Works,
26th and Indiana, S. F.
Filed Apr. 15, '14. Dated Mar. 20, '14.
Payments same as above.....
TOTAL COST, \$25,000
Bond, \$12,500. Surety, The Aetna Accident
& Liability Co. Limit, 70 days
after May 29. Forfeit, \$50. Plans and
specifications filed.

(1268) LATHING ON ABOVE.
Contractor..The Atlantic Fireproofing
Co., Pacific Bldg., S. F.
Filed Apr. 15, '14. Dated Mar. 21, '14.
Payments same as above.....
TOTAL COST, \$5400
Bond, \$2700. Surety, Maryland Casualty
Co. Limit, as required. Forfeit,
\$50. Plans and specifications filed.

(1269) GLAZING ON ABOVE.
Contractor..California Plate & Window
Glass Co., 864 Mission, S. F.
Filed Apr. 15, '14. Dated Mar. 26, '14.
Payments same as above.....
TOTAL COST, \$1987
Bond, \$993.50. Surety, Maryland Casualty
Co. Limit, 5th day after notification.
Forfeit, \$50. Plans and specifications
filed.

(1270) FURNISHING AND SETTING
elevators on above.
Contractor..Van Emon Elevator Co., 60
Natoma, San Francisco.
Filed Apr. 15, '14. Dated Mar. 21, '14.
Payments same as above.....
TOTAL COST, \$5990

Bond, \$2995. Surety, Pacific Coast
Casualty Co. Limit, as required. Forfeit,
\$50. Plans and specifications filed.

(1271) ROOFING AND SHEET METAL
work on above.
Contractor..Jas. T. Conway (as Western
Furnace & Corncue Co.)
1645 Howard, S. F.
Filed Apr. 15, '14. Dated Mar. 25, '14.
Payments same as above.....
TOTAL COST, \$6743

Bond, \$3372. Surety, The Aetna Accident
& Liability Co. Limit, as required.
Forfeit, \$50. Plans and specifications
filed.

(1273) ORNAMENTAL IRON WORK
on above.
Contractor..Erode Iron Works, 31
Hawthorne, S. F.
Filed Apr. 15, '14. Dated Mar. 21, '14.
Payments same as above.....
TOTAL COST, \$1340
Bond, \$700. Surety, Massachusetts
Bonding & Insurance Co. Limit, none.
Forfeit, \$50. Plans and specifications
filed.

(1273) PLASTERING ON ABOVE.
Contractor..C. C. Morehouse, Crocker
Bldg., San Francisco.
Filed Apr. 15, '14. Dated Mar. 21, '14.
Payments same as above.....
TOTAL COST, \$18,700
Bond, \$9350. Surety, United States Fidelity
& Guaranty Co. Limit, as required.
Forfeit, \$50. Plans and specifications
filed.

(1274) ELECTRIC WORK ON ABOVE.
Contractor..Rex Elec. & Constr. Co.,
Monadnock Bldg., S. F.
Filed Apr. 15, '14. Dated Mar. 24, '14.
Payments same as above.....
TOTAL COST, \$4543
Bond, \$2271. Surety, Southwestern
Surety Ins. Co. Limit, as required.
Forfeit, \$50. Plans and specifications
filed.

(1275) PAINTING ON ABOVE.
Contractor..Clarke & Dickson, 1754
Haight, San Francisco.
Filed Apr. 15, '14. Dated Mar. 23, '14.
Payments same as above.....
TOTAL COST, \$5154
Bond, \$2577. Surety, Chicago Bonding &
Surety Co. Limit, as required. Forfeit,
\$50. Plans and specifications filed.

(1276) E TWENTY-FIRST AVE 200
N Anza N 25xE 120. All work for
two-story frame residence.
Owner.....W. J. and wife Ella M. Mc-
Phail, 464 21st Ave., S. F.
Architect.....George F. Clesse.
Contractor..George F. Clesse, 524 27th
Ave, San Francisco.
Filed Apr. 15, '14. Dated Apr. 14, '14.

Frame up\$650
Brown coat mortar on 650
Completion of building..... 650
Usual 35 days..... 650
TOTAL COST, \$2600

Bond, none. Limit, 30 days. Forfeit,
none. Plans and specifications filed.

(1277) S TWENTY-SECOND 200 E
Guerrero E 25xS 114. Repairing and

renovating three-story and basement
frame flats.

Owner.....Patrick McGrail, 3359 22d,
San Francisco.

Architect...Chas. J. I. Devlin, Pacific
Bldg., San Francisco.

Contractor..J. W. Smith, 180 Jessie,
San Francisco.

Filed Apr. 15, '14. Dated Apr. 15, '14.

On 1st and 15th, comg May next 75%
Usual 35 days, 25%.....\$819.25

TOTAL COST, \$3277.00
Bond, \$1700. Sureties, A. Lynch and D. J.
Sullivan. Limit, 40 days. Forfeit,
\$10. Plans and specifications filed.

(1278) S GREENWICH 192-6 E Fill-
more E 27-6xS 120. All work for
three-story and basement frame flats.

Owner.....Fortunato and Francesco
Scatena, 634 Washington,
San Francisco.

Architect...Chas. Fantoni, 916 Kearny,
San Francisco.

Contractor..A. DeBenedetti & G. Cuneo
20 Cotter, San Francisco.

Filed Apr. 15, '14. Dated Apr. 9, '14.

Building roofed\$3200

Brown coated 3200

Completed and accepted..... 3200

Usual 35 days..... 3200
TOTAL COST, \$12,800

Guaranty bond in favor of owner.

Sureties, Pio. De Martini and A. Crovo.
Limit, 90 days after April 14. Forfeit,
\$6. Plans and specifications filed.

(1279) S PINE 81-3 W Webster. One-
story brick garage.

Owner.....H. W. Bernheim, Grenoble
Apartments, S. F.

Architect...None. COST, \$1000

Day's work.

(1280) NO. 22 SADOWA. Add one-
story to dwelling and minor changes.

Owner.....Minnie Fisher Morrison,
Premises.

Architect...None.

Contractor..C. W. Page, 12 Sadowa,
San Francisco.

COST, \$1000

(1281) NO. 1041 MARKET. Cut open-
ing in floors and install windows.

Owner.....Weinstein Co., Premises.

Architect...Wm. Knowles, Hearst
Bldg., San Francisco.

Day's work. COST, \$1000

(1282) SE PARIS 275 S Persia. Two-
story and basement frame dwelling.

Owner.....M. J. Terranova, 68 Post,
San Francisco.

Architect...Rhodes & Marish, 3872 16th
San Francisco.

Day's work. COST, \$2000

(1283) S POST 90 W Larkin. Four-
story and basement Class "C" con-
crete (27) apartments.

Owner.....E. V. Lacey and J. B. Reite

Architect...Rousseau & Rousseau, 437
Monadnock Bldg., S. F.

Day's work. COST, \$31,900

(1284) E TWENTY-THIRD AVE 175
N Irving. Two-story and basement
frame dwelling.

Owner.....Johnson & Johnson, 55-A
Devisadero, S. F.

Architect...None. COST, \$2500

Day's work.

(1285) NO. 3001 STEINER. Minor
changes in saloon.

Owner.....Peter Ceschl, Premises.

Architect...L. Weisemann, Pacific Bldg., San Francisco.
Contractor...J. Hager.
COST, \$500

(1286) S SUTTER 150 W Larkin. Underpin one-story brick store.
Owner.....Wolf & Hollman, 37 Montgomery, S. F. (Agents).
Architect...W. H. Crim Jr.
Contractor...Sidney Watson, 150 Jessie, San Francisco.
COST, \$500

(1287) W HOLLISTER 175 S Griffith. One-story frame dwellings.
Owner.....Virginia De Heller, 1027 Hollister, San Francisco.
Architect...None.
Contractor...J. B. Eldridge, 923 Hollister, San Francisco.
COST, \$1000

(1288) SE BUSH & LEAVENWORTH. Enlarge and add rooms and 2 baths.
Owner.....James Irvine, Crocker Bldg San Francisco.
Architect...None.
Contractor...Holger & Carl Nelson, 4150 21st, San Francisco.
COST, \$1800

(1289) E THIRTY-SEVENTH AVE 175 N Cabrillo. Two-story and basement frame dwelling.
Owner.....J. J. Pratt, 6737 Geary, San Francisco.
Architect...None.
Contractor...Roy A. Pratt & Co., 6632 Geary, San Francisco.
COST, \$2500

(1290) E VARENNES 77½ N Green. Two-story and basement frame (2) flats.
Owner.....E. and G. Cleerone, 71 Valparaiso, San Francisco.
Architect...None.
Day's work.
COST, \$3600

(1291) SE LOMBARD & MONTGOMERY Two-story frame stable.
Owner.....Merchants' Ice & Cold Storage Co., Lombard and Battery, San Francisco.
Architect...Edmund Kollofrath, 560 Belvedere, San Francisco.
Day's work.
COST, \$4000

(1292) SE LOMBARD & MONTGOMERY One-story Class "A" engine house.
Owner.....Merchants' Ice & Cold Storage Co., Lombard and Battery, San Francisco.
Architect...Edmund Kollofrath, 560 Belvedere, San Francisco.
Day's work.
COST, \$2750

(1293) SE MONTGOMERY & LOMBARD Five-story and basement Class "C" ice and cold storage building.
Owner.....Merchants' Ice & Cold Storage Co., Lombard and Battery, San Francisco.
Architect...Edmund Kollofrath, 560 Belvedere, San Francisco.
Day's work.
COST, \$60,000

(1294) W TEXAS 155 N 20th N 25 — All work for frame cottage.
Owner.....Albert Johnson, 315 Texas, San Francisco.
Architect...None.
Contractor...B. W. Demarals, 732 Page, San Francisco.
Filed Apr. 16, '14. Dated Apr. 1, '14.
Roof on\$339

Brown coated 537
Completed 527
30 days after 537
TOTAL COST, \$2150
Bond, none. Limit, 90 days after Apr. 6. Forfeit, none. Plans and specifications filed.

(1295) NE JACKSON AND CHERRY. No. 20 Cherry. Tearing out and all new wood work and panel work, doors, mirrors, setting of finish hardware, etc., for alterations to residence.
Owner.....W. D. McCann.
Architect...Houghton Sawyer, Shreve Bldg., San Francisco.
Contractor...The Brunswick Balke Colender Co., 765 Mission, San Francisco.
Filed Apr. 16, '14. Dated Mar. 18, '14.
As work progresses on 1st of each month payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, \$3750
Bond, \$1375. Surety, Fidelity & Deposit Co. of Maryland. Limit, as fast as required. Forfeit, \$10. Plans and specifications filed.

(1296) STEEL WORK, IRON WORK, brick, dampproofing, roofing, sheet metal, carpenter, framing, roof sheathing, stairs, plaster, plumbing, wiring and heating on above.
Contractor...Isaac Penny, Phelan Bldg. San Francisco.
Filed Apr. 16, '14. Dated Mar. 9, '14.
Payments same as above.....
TOTAL COST, \$2011.30
Bond, \$1005. Surety, United States Fidelity & Guaranty Co. Limit, as fast as required. Forfeit, \$10. Plans and specifications filed.

(1297) SE YORK & TWENTY-THIRD. All work for one-story and basement frame building.
Owner.....Mrs. Rose Wrinn.
Architect...None.
Contractor...J. H. Verner, 1921 23rd, San Francisco.
Filed Apr. 16, '14. Dated Apr. 16, '14.
35 days after completion.....\$1575
TOTAL COST, \$1575
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(1297) SE POST AND SHANNON S 92-6xE 57-6. Plumbing for seven-story and basement Class "C" bldg.
Owner.....H. O. Trowbridge & United Realty Co. (by Cameron & Disston), 180 Jessie, S. F.
Architect...Fredk. H. Meyer, Bankers' Investment Bldg., S. F.
Contractor...Herman Lawson, 344 4th Ave., San Francisco.
Filed Apr. 17, '14. Dated Apr. 16, '14.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$9583
Bond, \$9585. Sureties, R. J. O'Brien & J. P. Leonard. Limit, none. Forfeit, \$10. Plans and specifications, none.

(1298) NW BRYANT 50 NE Converse NE 25xNW 75. Alterations and additions for two-story frame store and flat.
Owner.....John Skance, 494 8th, S. F.
Architect...None.
Contractor...J. I. Mitrovich Bldg., Co., 1034 Golden Gate Ave., S. F.
Filed Apr. 17, '14. Dated Apr. 4, '14.
On signing contract.....\$500
As work progresses weekly pay-

ments of 75%
On completion 25%
TOTAL COST, \$2900
Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(1299) N BROADWAY 127-6 W Mason W 27-6xN 137-6. All work except foundations, cement floors in basement, shades, gas and electric fixtures for two-story frame flats.
Owner.....Stephen P. Lavezo and Frank Rossi, 938 Broadway, San Francisco.
Architect...None.
Contractor...Demartini & Co., 274 29th, San Francisco.
Filed Apr. 17, '14. Dated Apr. 14, '14.
Framing and rustic on..... 25%
Plastering completed 25%
Completed and accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, \$2425
Bond, none. Limit, 70 days. Forfeit, \$5. Plans and specifications filed.

(1300) E NINTH AVE 325 N Fulton 25xE 120. Excavation, grading, concrete, brick, carpenter work, etc., for two-story frame flats.
Owner.....Jos. A. De La Fontaine.
Architect...J. E. Kraft & Sons, Phelan Bldg., San Francisco.
Contractor...J. Harold Johnson, 732 9th Ave., San Francisco.
Filed Apr. 17, '14. Dated Apr. 9, '14.
Roof sheathed & floors laid, \$ 300.00
Roof on, plastering finished and exterior finish on..... 1000.00
Completed 1300.00
36 days after 1183.75
TOTAL COST, \$4383.75
Bond, \$2200. Surety, Fidelity & Deposit Co. of Maryland. Limit, Aug. 1. Forfeit, none. Plans and specifications filed.

(1301) N LAKE 30 W Tenth Ave. Three-story and basement frame (3) flats.
Owner.....Fred Roettger, 612 Mills Bldg., San Francisco.
Architect...E. E. Young, 231 Kearny, San Francisco.
Day's work.
COST, \$6500

(1302) W FILLMORE 137-6 S Grove. Underpin wall.
Owner.....Carl Granz, Dinuba, Cal.
Architect...Frank S. Hinah, 102 Haight, San Francisco.
Contractor...Brandon & Lawson, 511 Hearst Bldg., S. F.
COST, \$400

(1303) S HAIGHT 40 E Stanyan. Repair stores.
Owner.....Hotaling Estate Co., Merchants' Exchange Bldg., San Francisco.
Architect...None.
Contractor...E. T. Leiter & Sons, 303 Sheldon Bldg., S. F.
COST, \$1500

(1304) NO. 1251 JONES. Underpin wall.
Owner.....Mrs. Harry Hill, 3560 Washington, San Francisco
Architect...N. Blaisdel, 555 California, San Francisco.
Contractor...D. J. and T. Sullivan and Brandon & Lawson, 180 Jessie, San Francisco.
COST, \$500

(1305) N GRAPTON 50 E Granada.
Add one room nad new roof.
Owner.....Mrs. M. J. Noonan, 222
Raymond, San Francisco.
Architect...None.
Contractor...T. H. Parry, 222 Raymond,
San Francisco.

COST, \$400

(1306) NO. 2273 MISSION. Minor
changes in store.
Owner.....G. Pugliese, Premises.
Architect...J. A. Porporato, 619 Wash-
ington, San Francisco.
Day's work.

COST, \$400

(1307) NOS. 1217-1219 McALLISTER.
Minor changes and repairs on stores
Owner.....Captain Harvey, Mission
Street Wharf, S. F.
Architect...None.

Contractor...F. Crothers, 1426 10th Ave
San Francisco.

COST, \$850

(1308) N JESSIE 80 W Seventh. In-
stall bake oven.
Owner.....T. L. McLaughlin.
Architect...None.
Contractor...John Old, 138 Beulah, S. F.

COST, \$1600

(1309) NE FOURTH AND MISSION.
Wire mesh and pine floor, new front
and windows.
Owner.....Voorman & Co., 110 Mar-
ket, San Francisco.
Architect...W. J. Miller, 45 Kearny,
San Francisco.
Contractor...P. J. Walker Co., 1073 Mo-
nadnock Bldg., S. F.

COST, \$400

(1310) N SANCHEZ 115 N 14th; No. 80
Sanchez. Erect retaining walls.
Owner.....John Ostlund, Premises.
Architect...None.
Contractor...C. C. W. Haun, 180 Jessie,
San Francisco.

COST, \$400

(1311) NE EDDY AND STEINER.
Add two rooms and minor repairs.
Owner.....A. Burmeister, 1582 Eddy,
San Francisco.
Architect...Foulkes & Hildebrand,
1118 Crocker Bldg., S. F.
Day's work.

COST, \$450

(1312) NO. 4122 GEARY. New front.
Owner.....C. Fish, 609 Fife Bldg.,
San Francisco.
Architect...None.
Contractor...B. Hughes, 3921 Geary,
San Francisco.

COST, \$400

(1313) NO. 376-SUTTER. Repair fire
damage.
Owner.....Wm. Hendrickson Jr., 1009
Shreve Bldg., S. F.
Architect...None.
Contractor...L. A. Secor, 80 Casselli,
San Francisco.

COST, \$450

(1314) W ELEVENTH AVE 50 N Anza
Two-story and basement frame dwlg.
Owner.....A. T. Morris, 616 9th Ave.,
San Francisco.
Architect...None.
Contractor...A. T. Morris, 616 9th Ave.,
San Francisco.

COST, \$1900

(1315) W ELEVENTH AVE 25 N Anza
Two-story and basement frame dwlg.
Owner.....A. T. Morris, 616 9th Ave.,
San Francisco.

Architect...None.
Contractor...A. T. Morris, 616 9th Ave.,
San Francisco.

COST, \$1900

(1316) W HURON 200 S Slekles. One
and one-half-story and basement
frame dwelling.
Owner.....Oscar Heyman & Bro., 742
Market, San Francisco.

Architect...None.
Day's work.

COST, \$2300

(1317) SE GROVE AND MASONIC.
Three-story and basement frame (6)
apartments.
Owner.....C. J. & W. J. Keenan,
Grove and Masonic, S. F.
Architect...None.

Day's work.

COST, \$7000

(1318) E TWENTY-THIRD AVE 125
S Taraval. Two-story and basement
frame (2) flats.
Owner.....E. Peterson, 1205 10th Ave.,
San Francisco.

Architect...None.
Day's work.

COST, \$6000

(1319) SW GEARY AND LARKIN W
76x8 120. Steam heating and steam
fitting for six-story and basement
hotel building.

Owner.....P. J. Gartland, 467 Guer-
rero, San Francisco.

Architect...Rousseau & Rousseau, Mo-
nadnock Bldg., S. F.
Contractor...Petersen-James Co., 710
Larkin, San Francisco.

Filed Apr. 18, '14. Dated Apr. 16, '14.
On 10th of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$3460

Bond, \$1730. Sureties, R. W. Kinney
and J. H. Wright. Limit, as soon as
possible. Forfeit, none. Plans and
specifications filed.

(1320) MILL WORK ON ABOVE.
Contractor...Spencer Street Planing
Mill, 50 Spencer, S. F.

Filed Apr. 18, '14. Dated Apr. 16, '14.
All outside frames and sashes
delivered.....\$1600

Inside mill work delivered..... 1600
Mill work completed & accepted 1600
Usual 35 days..... 1600

TOTAL COST, \$6400

Bond, \$3200. Surety, Fidelity & De-
posit Co. of Maryland. Limit, as fast
as required. Forfeit, none. Plans and
specifications filed.

(1321) PLUMBING, SEWERAGE, GAS
fitting, etc., on above.
Contractor...Frank J. Klimm, 221 Oak,
San Francisco.

Filed Apr. 18, '14. Dated Apr. 15, '14.
Roughing in of plumbing done.....\$7000
Completed and accepted..... 4605

Usual 35 days..... 3869

TOTAL COST, \$15,474

Bond, \$7750. Sureties, Jeremiah Dono-
van and David Lyons. Limit, as soon
as possible. Forfeit, none. Plans and
specifications filed.

(1322) N MISSION, bet. 11rd and
Fourth. Structural steel, cast iron
hases for St. Patrick's Church.

Owner.....Roman Catholic Arch-
bishop of S. F., 1100 Arch-
bishop, San Francisco.

Architect...Shea & Lofquist, 742 Jones
San Francisco.
Contractor...California Constr. Co.
(cpn), Monadnock Bldg.,
San Francisco.

Filed Apr. 18, '14. Dated Apr. 9, '14.

When completed and ready for
erection, value of material..... 50%
Completed and accepted, value of
material erected..... 75%
Usual 35 days..... 25%

TOTAL COST, \$21,175

Bond, \$10,587.50. Surety, Pacific Coast
Casualty Co. Limit, 110 days from
April 14. Forfeit, \$25. Bonus, \$25 n
day. Plans and specifications filed.

(1323) NW CALIFORNIA AND DE-
visadero W 82-6x15. Alterations and
additions, except wiring, electric fix-
tures and shades or two-story frame
dwelling.

Owner.....Mary E. Dutton, Insurance
Exchange Bldg., S. F.

Architect...Nathaniel Blaisdell, 255
California, San Francisco.

Contractor...J. Hippely, 1464 Grove, S F
Filed Apr. 18, '14. Dated Apr. 16, '14.

Framing & enclosure completed.....\$450
New windows ready for glazing 450
Completed and accepted..... 482

Usual 35 days..... 482

TOTAL COST, \$1925

Bond, \$963. Surety, Royal Indemnity
Co. Limit, 40 days. Forfeit, \$10. Plans
and specifications filed.

(1324) N CLEMENT 32-6 E 25th Ave
E 25x100. All work for one-story
frame store building and move out-
tage from front to rear of lot and
construct basement under same,
painting, gas and electric fixtures,
excepted.

Owner.....Jos. P. and Mary A. Fla-
herty, 2348 Clement, S. F.
Architect...None.

Contractor...Thos. Hamill, 268 25th Ave
San Francisco.

Filed Apr. 18, '14. Dated Apr. 11, '14.
Frame up and roof on.....\$375

Brown mortar on..... 375

Completed and accepted..... 375

Usual 35 days..... 375

TOTAL COST, \$1500

Bond, none. Limit, 35 days. Forfeit,
none. Plans and specifications filed.

(1325) NE SIXTEENTH AND MIS-
sion N 260x8 240. Plumbing,
drains, gas fitting, plumbing fixtures,
etc., for two-story dancing pavilion
and alterations to present building.

Owner.....Henry Investment Co., 1st
and Market, San Francisco

Architect...Henry H. Meyers, Kohl
Bldg., San Francisco.

Contractor...F. W. Snook, 596 Clay,
San Francisco.

Filed Apr. 18, '14. Dated Apr. 14, '14.
Rough piping in.....\$400

Completed and accepted..... 350

36 days after..... 250

TOTAL COST, \$1000

Bond, \$500. Surety, United States Fi-
delity & Guaranty Co. Limit, 20 days.
Forfeit, \$20. Plans and specifications
filed.

(1326) WOOD AND METAL LATHING,
plastering, etc., on above.

Contractor...MacGruer & Co., 252 Mis-
souri, San Francisco.

Filed Apr. 18, '14. Dated Apr. 14, '14.
On 10th of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$3350

Bond, \$1675. Surety, Maryland Casu-
alty Co. Limit, 30 days. Forfeit, \$20.
Plans and specifications filed.

(1327) ROOFING, FLASHINGS, ETC.,
on above.

Contractor...Paraffine Paint Co. 34 1st San Francisco.
Filed Apr. 18, '14. Dated Apr. 14, '14.
Completed and accepted.....\$355.50
36 days after.....118.50
TOTAL COST, \$474.00
Bond, none. Limit, 10 days after roof boards on. Forfeit, \$10. Plans and specifications filed.

(1328) PAINTING, ETC., ON ABOVE.
Contractor...Wagner Bros, 110 Jessie, San Francisco.

Filed Apr. 18, '14. Dated Apr. 14, '14.
One-half work completed....\$494.25
Completed and accepted.....494.25
Usual 35 days.....329.50

TOTAL COST, \$1318.00
Bond, \$659. Surety, Southwestern Surety Ins. Co. Limit, 15 days after standing finish on. Forfeit, \$20. Plans and specifications filed.

(1329) EXCAVATING, CONCRETE, ratproofing, brick, work, iron and steel work on above.

Contractor...James S. Fennell, 185 Stevenson, San Francisco.

Filed Apr. 18, '14. Dated Apr. 14, '14.
Concrete foundation completed and ready for 1st floor joists....\$2000
Iron and steel work erected and wrought iron delivered.....1900
Brick work completed ready for 2nd floor joists.....1500
Brick walls completed and ready for ceiling joists.....1500
Completed and accepted.....1779
36 days after.....2494
TOTAL COST, \$11,573

Bond, \$5786.50. Surety, Massachusetts Bonding & Insurance Co. Limit, 50 days. Forfeit, \$20. Plans and specifications filed.

(1330) CARPENTER, MILL, GLASS, hardware, stairs, colling doors, galvanized iron, marquise, marble and tile work, composition floors on above.

Contractor...George B. Reichley & W. B Knowles, 353 Haight, San Francisco.

Filed Apr. 18, '14. Dated Apr. 14, '14.
On 10th of each month.....75%
Usual 35 days, 25%.....\$2914
TOTAL COST, \$11,656

Bond, \$5828. Surety, Aetna Accident & Liability Co. Limit, 50 days from completion of brick walls. Forfeit, \$20. Plans and specifications filed.

(1331) ELECTRIC WIRING, CONDUITS, switches, panel boards, switch boards, etc., on above.

Contractor...H. S. Tittle, 245 Minna, San Francisco.

Filed Apr. 18, 14. Dated Apr. 14, '14.
Rough conduits installed.....529
Completed and accepted.....320
36 days after.....254

TOTAL COST, \$1133
Bond, \$566.50. Surety, Aetna Accident & Liability Co. Limit, 10 days after standing finish on. Forfeit, \$20. Plans and specifications filed.

INCORPORATIONS.

SAN FRANCISCO COUNTY.

International American Oil Co. Capital stock, \$5,000. Subscribed, \$3; shares \$1 each. Directors—W. C. Mikulich, R. H. Morrow, E. W. Madden, 1 share each. Place of business, San Francisco.
Desmond Supply Co. Capital stock,

\$50,000. Subscribed, \$30; shares, \$10 each. Directors—G. D. Perry, F. T. Poore, R. T. O'Connell, 1 share each. Place of business, San Francisco.
Standard Syndicate. Capital stock, \$200,000. Subscribed, \$50; shares, \$10 each. Directors—J. Miltner, I. H. Gold myer, M. A. Smythe, E. A. Israel, M. L. Williamson, 1 share each. Place of business, San Francisco.

Harbor Pharmacy. Capital stock, \$25,000; shares, \$10 each; subscribed, \$20. Directors—J. B. Hussey and E. E. Bacon, 1 share each. Place of business, San Francisco. Attorney—F. J. Truman, Jr.

Hawaiian Cigar Co. Capital stock, \$50,000; shares, \$1 each; subscribed, \$25. Directors—G. St. John, J. R. Wilson, J. L. Daniels, H. A. Yzuzok and C. W. Reed. Place of business, San Francisco.

Wilson-Sanford Non-Skid Tire Co. Capital stock, \$1,000,000; shares \$1 each; subscribed, \$5. Directors—J. A. Sanford, G. Sanford, C. R. G. W. Wilson, C. Wilson, C. Burtshell, 1 share each. Place of business, San Francisco.

Motor Transportation Co. Capital stock, \$1,000,000; shares, \$100 each, subscribed, \$300. Directors—O. E. Jones, F. Bonetti and E. O'Gara, 1 share each. Place of business, San Francisco. Attorney—J. P. Sweeney.

Automatic Burglar Proofing Co. Capital stock, \$1,000,000; shares, \$1 each. Directors—A. B. Colby, C. C. Cook, and A. W. Miskell, 1 share each. Place of business, San Francisco. Attorney—L. C. Conneys.

American Dredging Co. Certified copy of articles.

St. Francis Home Building Co. Capital stock, \$50,000; shares, \$100 each; subscribed, \$500. Directors—D. McDuffie, C. C. Young, E. J. Rowell, C. G. Dall, and W. E. Creed, 1 share each. Place of business, San Francisco. Attorney—Titus, C. & D.

Rudolph Wuritzer Co. of California. Capital stock, \$10,000; shares, \$300 each; subscribed, \$300. Directors—G. H. Leatherby, W. E. Creed and C. G. Dall, 1 share each. Place of business, San Francisco. Attorney—Titus, C. & D.

Western Fountain Co. Capital Stock, \$100,000; subscribed, \$100,000; shares, \$1 each. Directors—W. B. Broadwell, 50,000 shares; J. B. Young, C. Schiffer, 25,000 shares each. Place of business, San Francisco.

John C. Siegfried & Co. Capital Stock, \$100,000; subscribed, \$100,000; shares, \$100 each. Directors—J. C. Siegfried, 998 shares; C. J. Siegfried, K. Taylor, 1 share each. Place of business, San Francisco.

Martin Cement Gun Co. Capital Stock, \$200,000, subscribed, \$50; shares, \$10 each. Directors—J. S. Martin, H. A. Minton, A. J. Dibblee, A. M. Donovan, A. C. Henning, 1 share each. Place of business, San Francisco.

Martell-Whited Co. Capital Stock, \$11,000; subscribed, \$50; shares, \$10 each. Directors—H. G. Martell, W. S. Alexander, J. M. Whited, I. I. Kellogg, d. P. Oakford, 1 share each. Place of business, San Francisco.

Valley Pipe Line Co. Capital Stock, \$100,000; subscribed, \$500; shares, \$100 each. Directors—W. M. Smith, J. Lawson, B. D. Adamson, J. C. van Eck, H. R. Gallagher, 1 share each. Place of business, San Francisco.

NOTICE OF NON-RESPONSIBILITY.

Apr. 17, 1914—S H AIGHT 118-104, E Clayton E 28-74XS 137-6 No. 1567 Haight. Louis Cohn as to improvements on leased property.....

COMPLETION NOTICES.

San Francisco.

Apr. 11, 1914—NINTH AVE, bet. Fulton and Cabrillo, J Harold Johnson to whom it may concern.....

Apr. 11, 1914—W THIRTY-FIFTH AV 28 S Balboa; No. 707 35th Ave. Henry Harris to W A Savane.....

Apr. 10, 1914.....April 10, 1914

Apr. 11, 1914—W THIRTIETH AVE 100 S California. Martin Nelson to Martin Nelson.....Apr. 4, 1914

Apr. 13, 1914—NW BALBOA & FIFTH Ave N 50XW 95. John Parrell to J M Ploeger.....Apr. 13, 1914

Apr. 13, 1914—N O'FARRELL 112-6 W Taylor W 25XN 87-6. Andrew Allen to Reite & Halling.....Apr. 10, '11

Apr. 13, 1914—S SEVENTEENTH 152-10 W Cole W 26-5XS 114-4. N J Nelson to whom it may concern.....Apr. 11, 1914

Apr. 13, 1914—SW NINETEENTH & Diamond S 55XW 37-6. V Filisetti to P Carmignani & J Martindell.....Apr. 11, 1914

Apr. 13, 1914—SW VALENCIA & McCoppin W 90XS 75. Carpenters' Hall Ass'n, Inc to Robert Dewar & Son.....Apr. 8, 1914

Apr. 13, 1914—W CERES 175 N Williams Ave N 25XW 100. August H Eickhoff to Stevenson & Gowan.....Apr. 13, 1914

Apr. 13, 1914—LOT 28 BLK "K" Mission Street Land Co. Homestead Realty Co to William H Grann.....Apr. 10, 1914

Apr. 14, 1914—SW BRITTON & VISITACION Ave S 37-XSW 119; Lot 7 Blk 23, Sunnyvale Hd. Pietro and Carlotta Ferro to G Giorardo, V Garibaldi and L Stagnaro.....Apr. 10, 1914

Apr. 14, 1914—S H AIGHT 110 W Pierce W 27-6XS 87-6. O Garibaldi to Ellingson & Holt.....Apr. 11, 1914

Apr. 14, 1914—W ELEVENTH AVE 100 N Clement N 65XW 120. Robt and Robt W Murray to whom it may concern.....Apr. 13, 1914

Apr. 14, 1914—LOT 6 BLK "I" Mission Terrace, Wilson and Amy J Rogers and Felix and Adelaide Marie Calmette to whom it may concern.....Apr. 4, 1914

Apr. 14, 1914—NW GREEN AND Baker W 70-10XS 50. Mille Langley Wright to E T Leiter & Son.....Apr. 8, 1914

Apr. 15, 1914—S PINE 55 E Octavia S 120XE 55. Buddhist Church of S F to Frasier & Frasier, Apr. 10, '14

Apr. 15, 1914—E THIRTY-FIFTH Ave 100 N Irving 25X120. Edw E Mansean to E E Mansean.....Apr. 10, 1914

Apr. 15, 1914—NW COLUMBUS AVE (Montgomery) & S Adler W along S Adler 46-44 S 20 E 63-0 NE 25-104 50 V B 87. Martha Wagner Mueller to Charles Fleischer.....Sept. 15, 1913

Apr. 15, 1914—SE SUTTER & JONES S 100XE 72. S L M Starr and L G Larsen (as Starr & Larsen) to Joseph Pasqualetti (as San Fran-

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San Francisco**

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San Francisco Concrete Co. Apr. 15, 1914
Apr. 16, 1914—S PACIFIC AVE 32-6
E Walnut E 11988 127-83, Katharine P Hooker to Farrell & Reed
Apr. 16, 1914—E SEVENTEENTH AVE
50 N Anza N 25x E 20, Jos C Kirby
to whom it may concern.
Apr. 16, 1914—E TWENTY-THIRD
Ave 250 N California, Chas A Hall
to whom it may concern. Apr. 16, 1914
Apr. 16, 1914—E TWENTY-THIRD
Ave 275 N California, Chas A Hall
to whom it may concern. Apr. 16, 1914
Apr. 16, 1914—LOT 16 BLK 22 Forest
Hill, Helen Ladd Nichols to M
Fisher.
Apr. 16, 1914—E TWENTY-FIRST
Ave 250 N Geary S 25x120, Geo A
Ducker to Wm F Yates.
Apr. 16, 1914—W SPEAR & HOWARD
NW 137-6xSW 68-9, Orville C Pratt
Jr to Otis Elev Co, Albach & Mayer,
and Conlon & Roberts.
Apr. 16, 1914—N MORAGA 53 E 16th
Ave E 25xN 100, Edw F Kearny

and Nellie G Kearney to Alfred
Johnson.
Apr. 16, 1914—S PACIFIC AVE 43 E
Buchanan S 127-83, xW 45 W A 210
Alice D McAllister (by John W
Carey) to Henry Jacks.
Apr. 17, 1914—S TWENTIETH 155 E
C Ulrich E 25xS 114, Patrick Roddy
to H W Arnold.
Apr. 17, 1914—S CALIFORNIA 82-6 E
24th Ave E 50xS 100, John Gray to
whom it may concern.
Apr. 17, 1914—N SACRAMENTO 31-9
W Steiner W 29xN 103, Morris and
Mina Green to Ratto & Hannell.
Apr. 17, 1914—W STONE 77-6 N
Washington, Lee Moon Heung to
Brandt & Stevens.
Apr. 17, 1914—W STONE 77-6 N
Washington, Lee Moon Heung to
Brandt & Stevens.
Apr. 17, 1914—SE GABRIEL AVE
238.05 NE Santa Rosa Ave NE 30.10
SE 125.45 SW 30.10 NW parallel
with NE line Lot 8 Blk "B" 125.45
Lot 8 and NE 5.01 feet Lot 9 Blk
"B" Mission Terrace, Maybelle
Lucy Ellis (w/ Robert H Ellis) to

William and Francis Smith.
Apr. 17, 1914—S BUSH 183-4 E Stock-
ton E 31-8xS 126, Mrs A Rudger
to Frank M Garden, Apr. 8; Fibre-
stone & Roofing Co, Apr. 8; Chas A
Hock, Apr. 8; Richmond Cut Stone
Co.
Apr. 17, 1914—N BROADWAY 68-9 W
Webster W 148-9xN 275, James L
Food to Pacific Mfg Co, Apr. 16; C
C Morehouse, Apr. 8; Campbell Bros
.
Apr. 17, 1914—SW POST & POWELL
W 137-6 S 63-6 E 69-7 N 6-6 E
67-11 W 37, Crocker Hotel Co to
John McGulgan & Co., Apr. 15, 1911
Apr. 17, 1914—S GEA 137-6 E
Mason E 37-6xS 137-6, Chas A
Stewart to Wm Bernstein. Apr. 17, '14

LIENS FILED.

San Francisco.

Apr. 4, 1914—W BRODERICK 130 S
Lombard S 25xW 106-3, Redwood
Manufacturers Co vs John A. Car-
dinell, John F Haner, James Tar-
bett and Fred Knott.
Apr. 4, 1914—W BRODERICK 130 S
Lombard S 25xW 106-3, J H Kruse
vs John A Cardinell, Jas Tarbett
and Fred Knott (Tarbett & Knott)
.
Apr. 6, 1914—W BRODERICK 130 S
Lombard S 25xN 120, The Watson
Mantel & Tile Co vs John A Car-
dinell, J F Haner, Jas Tarbett and
Fred Knott
Apr. 5, 1914—N FILBERT 133-9 W
Broderick — 25 N 137-6 E 25 S
131-6, Western Builders vs Mollie
B Jackson and Elliot G Jackson
.
Apr. 8, 1914—E VAN NESS AVE 75
N Green N 25x E 125, C Bloom vs
E and L Autard and Peter Hansen
.
Apr. 9, 1914—S PINE 137-6 E Leaven-
worth E 37-6xS 137-6, S Hannah
vs Clara K Suro and Adolphine
Suro
Apr. 9, 1914—E FILLMORE 59.075 N
Bay N 1067x E 475 and Exposition
Site, MacGruer & Co vs H H Law,
Hartland Law, Chas Lillie, Adele
Lillie, City & County of S F and
Panama-Pacific International Ex-
position Co
Apr. 9, 1914—E FILLMORE 59.075 N
Bay N 1067 E 475 S 1067 W 475 m
or l and Exposition Site, Neph-
Plaster & Mfg Co, cpn vs H E Law,
Hartland Law, Chas. Lillie, Adele
Lillie, City and County of S F and
Panama-Pacific International Ex-
position Co
Apr. 9, 1914—W BRODERICK 130 S
Lombard, J Gibbs vs John S Car-
dinell
Apr. 10, 1914—W BRODERICK 130 S
Lombard S 25xW 107-6, Columbia
Lumber Co vs James Tarbett, Fred
Knott and John A Cardinell.
Apr. 11, 1914—W BRODERICK 130 S
Lombard S 25 W 107 th r a W
107-6, Bin & De Tredei vs John A
Cardinell
Apr. 11, 1914—W BRODERICK 130 S
Lombard S 25xW 106-3, Redwood
Manufacturers Co vs John A Car-
dinell, John F Haner, James Tar-
bett and Fred Knott.
Apr. 13, 1914—W PRENTISS 75 N
Powhattan — 25 W 70 S 25 E 70,
Morton Bldg Co vs J S and Susan

Roe McCarthy, August S Lily and Geo S Lily.....\$27
 Apr. 15, 1914—S HAIGHT 90 E Clayton E 25-10½XS 100. Stiley Grading & Teaming Co vs J W Johnson and W F Windeler.....\$305.60
 Apr. 17, 1914—S LINCOLN WAY 57 W 18th Ave. M Bertolino vs H Moheim.....\$15
 Apr. 17, 1914—NW LAWRENCE AVE and De Wolf N 100XW 25. Panama Constr Co vs Abel Reynolds, Jas Coloway & McEwen Bros.....\$482.80
 Apr. 17, 1914—W BRODERICK 130 S Lombard S 25xW 106-3. F G Norman & Sons vs John A Cardinell, Jas Tarbett and Fred Knott (Tarbett & Knott).....\$20.70

OAKLAND AND ALAMEDA COUNTY.

LODGE HALL—2 story and base, brick and steel. Cost not stated. Oakland, Cal. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owners, Sons of St. George. The building will be erected at the northeast corner of 25th and Grove streets, covering a considerable ground area. The entire structure will be occupied by the owners and will be arranged for lodge rooms, offices and library. Interior finish will be of pine and hardwoods. There will be steam heat and a modern system of vacuum cleaning. Maple floor will be used in the ball room. Exterior will be faced with pressed brick and stone. Plans are complete and figures are being taken.

FACULTY CLUB—2 story and base, frame, \$12,500. Berkeley, Alameda Co., Cal. Architect, Warren C. Perry. 263½ Dwight Way, Berkeley. Owners, Faculty Club. The present building will undergo repairs and a two-story addition will be made. Interior finish will be of pine and hardwood with hardwood floors throughout. There will be a central heating system and open fire places. Mantels will be of tile or brick. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

MUNICIPAL AUDITORIUM—Granite and architectural terra cotta. Cost not stated. Oakland, Cal. Architect, J. J. Donovan, Security Bank Bldg., Oakland, Owners, City of Oakland. Bids were opened Tuesday by the Oakland City Council for the granite work and settling and for the architectural terra cotta work on the Oakland Auditorium. The California Granite Co. submitted the lowest bid for granite work and settling, also for the alternate proposition of using limestone in place of granite. N. Clark & Son were low on the architectural terra cotta. A complete list of the bids submitted will be found under the heading of Oakland and Alameda County in this issue.

FLATS—2 story and base, frame, \$5,000. Oakland, Cal. Architect, none. Owner, H. N. Turrell, 841 Walker avenue, Oakland. The building will be erected at the southwest corner of Alcatraz and Dana streets, and has been designed to contain fourteen rooms which will be arranged in two seven-room flats. Interiors will be finished in pine, blue gum and hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath

rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner. The work will be done by Day Labor. All materials are now being purchased.

FLATS—2 story and base, frame, \$5,000. Oakland, Cal. Architect, none. Owner, H. N. Turrell, 841 Walker avenue, Oakland. The building will be erected on Alcatraz avenue south of Dana street and will contain twelve rooms arranged in two six room flats. Interior finish will be of pine and redwood with hardwood floors throughout. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$4,000. Oakland, Cal. Architect, none. Owner, P. W. Morehouse, 144 Broadway, Oakland. The dwelling has been designed for a seven-room house and will be erected on the west side of Spruce street near Prospect avenue. Interior finish will be of pine and hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are being purchased.

RESIDENCE—2 story and base, frame, \$5,000. Berkeley, Alameda Co., Cal. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owner, Thomas Cuthill. The dwelling will be erected on Spruce street, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine and hardwood veneer with beam ceilings and hardwood floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$12,000. Oakland, Cal. Architect, Charles Mau, Macdonough Bldg., Oakland. Owners, Misses Mary and Margaret Dunn. The dwelling will be erected at the northeast corner of Bellevue and Van Buren avenue, and has been designed to contain twelve rooms, three baths and sleeping porches. Interior finish will be of pine, redwood and hardwood. There will be furnace heat and open fire places. Mantels will be of tile and brick. Hardwood floors will be used in the living room, dining room and reception hall. Bath rooms will have tile floors and wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

STORES AND OFFICES—3 story and base. Class A construction, \$60,000. Oakland, Cal. Architect, C. W. Dickey. Central Bank Bldg., Oakland. Owners, Moody Estate. The building will be erected on the north side of 14th street between Clay and Jefferson streets, and has been designed with foundations and steel heavy enough to carry five additional stories. The first floor will contain stores and the upper floors will be arranged for a number of modern offices. There will be a complete steel frame, concrete or brick exterior walls and fireproof interior partitions. Interior finish will be of pine and hardwoods with metal trim and marble and tile. Metal window frames and sash are specified. There will be patent store fronts, sidewalk doors, lifts and lights. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures will be called for at once.

Bids For Oakland Granite Work In.

California Granite Co. Low For Granite and Limestone. N. Clark & Son Low on Terra Cotta.

Bids were opened Tuesday by the Oakland City Council for the granite work and settling and for the architectural terra cotta work on the Oakland Auditorium. The California Granite Co. submitted the lowest bid for granite work and settling and also for the alternate proposition using limestone in place of granite. N. Clark & Son were low on the architectural terra cotta. A complete list of the bids follow:

Granite Work and Settling.

Bidder	Granite Limestone
California Granite Co.....	\$71,557
Arthur T. Hunt.....	59,650
Raymond Granite Co.....	75,500
	64,300

Architectural Terra Cotta.

Gladding McBean Co.....	\$24,750
N. Clark & Son.....	23,900

No award of contract has been made.

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Am't.
926	Bensen	Bensen	2,900
927	Morehouse	Morehouse	3,900
928	Gatkenes	McChesney	400
929	Cinnahon	Edwards	4,000
930	Columbia	Poster	2,500
931	Derry	Derby	1,600
932	Baird	Walker	90
933	Sudoha	Anderson	13,625
934	Becker	Fittner	4084
935	Sirelt	S F Elevator	1,800
936	Colt	Colt	600
937	Kittling	Edgett	8,000
938	Coverages	Pfingst	2,500
939	Rawling	Poree	600
940	Kratz	Bold	500
941	Fleming	Fleming	650
942	Coverages	Edgett	500
943	Moylan	Anderson	30,000
944	Schmitz	Schmitz	2,000
945	Pfingst	Pfingst	1,800
946	Same	Same	2,500
947	Woodward	McPhee	3,000
948	East Bay Bldgs.	Owner	1800
949	Pilben	Mager	3008
950	Parish	Hopper	3,709
951	Russell	Russell	2,000
952	Hudson	Hudson	500
953	Schmidt	Schmidt	1,200
954	Anderson	Anderson	2,000
955	Trakounatsos	Williams	5000
956	Ottrell	Junke	1000
957	Ayer	Brasch	2,500
958	Ferreira	Silva	1,006

971	Felg	Hindshaw	500
973	Powell	Carr	900
974	Spicer	Barnett	400
975	Uney	Uney	400
979	Capellini	Vaughn	2250
980	Turrell	Turrell	5000
981	Same	Same	5000
982	Rafetto	Leiter	5000
983	Ferreiro	Silva	1025
986	Blake	Blake	3000
987	Parry	Sullivan	2150
989	Calderwood	Lovely	1800
990	Kessler	Kessler	2000
991	Varnie	Cainomenosi	1000
992	Uth	Uth	400
993	Peterson	Peterson	2500
995	Sherwood	Flittner	1332

(926) W DOLORES 50 N El Centro, Oakland. Two-story 7-room dwlg. Owner.....Fied Bensen, 2106 Montana, Oakland. Architect...None. Day's work. COST, \$2500

(927) W SPRUCE 50 S Prospect Ave., Oakland. Two-story 7-room dwlg. Owner.....P. W. Morehouse, 1444 Broadway, Oakland. Architect...None. Day's work. COST, \$3900

(928) N CALMAR 500 E Paloma, Oakland. Garage. Owner.....D. B. Gatgens, 778 Calmar Ave., Oakland. Architect...None. Contractor...W. E. McChesney, 2605 Etna, Oakland. COST, \$400

(929) NO. 234 E-EIGHTEENTH, Oakland. Alterations. Owner.....S. J. and Ethel Cinnamon, Premises. Architect...None. Day's work. COST, \$400

(930) W GREENWOOD AVE 300 S Brighton Ave., Oakland. One-story 5 room dwelling. Owner.....Columbia M. B. & L. Ass'n, 812 Broadway, Oakland. Architect...None. Contractor...J. E. Foster, 1715 Telegraph Ave., Oakland. COST, \$2500

(931) NE 106TH AVE & LONGFELLOW Ave., Oakland. One-story 6-room dwelling. Owner.....J. M. Derry, Premises. Architect...None. Day's work. COST, \$1600

(932) SE FOURTEENTH AVE AND Hopkins, Oakland. One-story four-room dwelling. Owner.....P. E. Baird, 1715 Telegraph Ave., Oakland. Architect...None. Contractor...W. A. Walker, 1613 Telegraph Ave., Oakland. COST, \$2000

(933) SW SEVENTH AND ADELINE 53x110, Oakland. Alter one-story frame building to moving picture theatre. Owner.....K. Sudaba and A. Saba, Oakland. Architect...H. P. Smith. Contractor...W. A. Anderson, 440 Laguna Ave., Oakland. Filed Apr. 13, '14. Dated Apr. 10, '14. 10 days after work commences. \$400 20 days after work commences. 400 Completed and accepted. 597 Usual 35 days. 466 TOTAL COST, \$1863 Bond, \$932. Surety, National Surety

Co. Limit, 40 days after Apr. 10. Forfeited, \$5. Plans and specifications filed.

(934) SW WOOD AND GOSS 100 on Wood by 105 on Goss, Oakland. Repairs, alterations and additions to 1-story frame store building. Owner.....Miss Elizabeth Becker, 2485 Folsom, S. F. and Mrs. Maria Sander, St. Helena. Architect...None. Contractor...Jos. Flittner, 1700 35th Ave., Oakland.

Filed Apr. 13, '14. Dated Apr. 9, '14. Frame up 1/4 1st coat plaster on 1/4 Completed and accepted. 1/4 Usual 35 days. 1/4

TOTAL COST, \$1084 Bond, \$2012. Surety, Southwestern Surety Ins. Co. Limit, 70 days after Apr. 13. Forfeited, \$10. Plans and specifications filed.

(925) ELEVENTH AND FRANKLIN, Oakland. Passenger elevators for six-story and basement steel frame hotel. Owner.....Barbara Streit. Architect...W. M. Wilde, Albany Bldg., Oakland. Contractor...S. F. Elevator Co., 860 Folsom, San Francisco.

Filed Apr. 13, '14. Dated Mar. 18, '14. Overhead and guides up. 1/4 Machine delivered. 1/4 Running and accepted. 1/4 Usual 35 days. 1/4

TOTAL COST, \$1800 Bond, \$925. Surety, Maryland Casualty Co. Limit, forfeited, none. Specifications only filed.

(938) N GRAND AVE 200 E Perkins, Oakland. Alterations and repairs. Owner.....Coit Invst. Co., 1542 Broadway, Oakland. Architect...None. Contractor...Roger Coit, 1542 Broadway, Oakland. COST, \$600

(939) W FRUITVALE AVE 150 S E-27th, Oakland. One-story office. Owner.....J. J. Keating, 2657 Fruitvale Ave., Oakland. Architect...None. Contractor...J. S. Riddle, 208 Sherman, Healdsburg, Cal. COST, \$800

(940) NO. 169 SANTA ROSA, Oakland. Alterations. Owner.....Jane P. Rawlings, Los Gatos, Cal. Architect...None. Contractor...H. H. Porter, 2638 Cedar, Oakland. COST, \$650

(941) NO. 3247 ROULEVARD, Oakland Addition. Owner.....L. Kratz. Architect...None. Contractor...Bold & Son, 1984 Minnesota Ave., Oakland. COST, \$500

(942) SW QUIGLEY & LOMA VISTA Ave., Oakland. One-story 4-room dwelling. Owner.....G. T. Fleming, 151 9th, Okd. Architect...None. Day's work. COST, \$650

(943) NO. 1765 EIGHTY-THIRD AVE., Oakland. Addition.

Owner.....R. Couerges, Premises. Architect...None. Contractor...Robt. Elliott, 1905 81st Ave., Oakland. COST, \$500

(950) W GRAND 450 S Orange, Piedmont. Two-story frame residence. Owner.....J. H. Noylan, 256 Euclid Ave., Berkeley. Architect...C. H. Miller, Dalziel Bldg., Oakland. Contractor...W. A. Anderson, 440 Lagunitas Ave., Piedmont. COST, \$2000

(953) E CLAREMONT AVE 100 N Forest, Oakland. One and one-half-story 6-room dwelling. Owner.....C. Schmitz, 467 Hudson, Oakland. Architect...None. Day's work. COST, \$2000

(954) S CLIFTON 150 E Manila, Oakland. One-story 5-room dwelling. Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland. Architect...None. Day's work. COST, \$2500

(955) S AILEEN 150 W Dover, Oakland. One-story 5-room dwelling. Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland. Architect...None. Day's work. COST, \$2200

(956) NO. 1434-40 SAN PABLO AVE., Oakland. Alteration to frame bldg. Owner.....F. J. Woodward, Oakland Bank of Savings, Oakland. Architect...None. Contractor...A. J. McPhee, 2144 E-27th, Oakland. COST, \$3000

(957) NE SIXTY-SECOND AVE AND Virginia, Oakland. One-story 4-room dwelling. Owner.....East Bay Home Bldrs, 1754 Broadway, Oakland. Architect...None. Day's work. COST, \$1800

(958) SE AYALA AVE 115 NE Martin E 36x8 135, Oakland. All work except finish hardware, wall beds, shades and electric light fixtures for two-story and basement frame dwlg. Owner.....Mrs. A. Filben, Oakland. Architect...Albert Schroeffer, Foxcroft Bldg., S. F. Contractor...Mager Bros, 110 Jessie, San Francisco.

Filed Apr. 13, '14. Dated Apr. 14, '14. Frame up \$600 Brown coated 800 Completed and accepted. 863 Usual 35 days. 800

TOTAL COST, \$2063 Bond, \$1000. Sureties, D. B. Macdonald and Severin Mager. Limit, 75 days. Forfeited, none. Plans and specifications filed.

(959) NW SANTA RAY AVE 350 NE Vine Ave NE 50xNW 110, Oakland. All work except finish hardware, electric fixtures, window shades and heating for two-story and basement frame dwelling. Owner.....J. E. Parish, 1541 36th Ave. Oakland. Architect...P. D. Voorhees, Central Bank Bldg., Oakland. Contractor...M. E. Hopper & Sons, 90 Glen Ave., Oakland.

Filed Apr. 15, '14. Dated Apr. 15, '14.
1st day of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$3209
Bond, \$1700. Surety, U. S. Fidelity &
Guaranty Co. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(960) N LINDA AVE 235 W Echo Ave.,
Oakland. One-story 6-room dwlg.
Owner.....J. B. Russell, 363 47th, Okd.
Architect...None.
Day's work..... COST, \$2000

(961) W EVERETT AVE 130 S Ham-
pel, Oakland. One-story five-room
dwelling.
Owner.....L. G. Hudson, 1957 E-38th,
Oakland.
Architect...None.
Day's work..... COST, \$2000

(962) W GLENN AVE 750 N E-24th,
Oakland. One-story 4-room dwlg.
Owner.....E. A. Schmidt, 1484 Harri-
son, Oakland.
Architect...None.
Day's work..... COST, \$1200

(963) NO. 1835 EIGHTH AVE., Oak-
land. Alter. dwelling into apartments
Owner.....Isabella C. Anderson, 1967
Franklin, Oakland.
Architect...None.
Day's work..... COST, \$2000

(964) N E-FOURTEENTH 100 E 97th
Ave., Oakland. One-story theatre
Owner.....Jno. Brakoumatsos, 9715
E-14th, Oakland.
Architect...E. P. Whitman, San Le-
andro.
Contractor...E. L. Williams, 1644 Au-
seon Ave., Oakland.
COST, \$5000

(966) S SIXTY-FIRST 425 W Colby,
Oakland. Two-story 6-room dwelling
Owner.....F. G. Cottrell, Cr Contractor
Architect...None.
Contractor...Junk-Riddell Co., 2247
Telegraph Ave., Berkeley.
COST, \$4000

(967) SW MANILA & CLIFTON, Oak-
land. One-story 5-room dwelling.
Owner.....P. Myer, 5836 Ocean View
Drive, Oakland.
Architect...None.
Contractor...M. P. Brash, 5836 Ocean
View Drive, Oakland.
COST, \$2500

(968) N E-NINTH 50 W 28th Ave.,
Oakland. All work for one-story 4-
room dwelling.
Owner.....Manuel L. Ferreira, Okd.
Architect...None.
Contractor...Silva & Luzane, 2869 Ford,
Oakland.

Filed Apr. 16, '14. Dated Apr. 14, '14.
Frame up ¼
1st coat plaster on..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, 1006.50
Bond, none. Limit, 60 days after Apr.
23. Forfeit, \$2. Plans and specifications
filed.

(971) NOS. 840-42-44-46 FOURTEENTH
Oakland. Alterations.
Owner.....Wm. Feig, San Francisco.
Architect...None.
Contractor...Wm. Hindshaw, 1100 Clay,
Oakland.
COST, \$500

(973) NO. 571 TWENTIETH, Oakland.
Fire repairs.
Owner.....Mrs. J. M. Powell, 53 Ma-
nila Ave., Oakland.
Architect...None.
Contractor...W. H. Carr, 1617 5th Ave.,
Oakland.
COST, \$900

(974) NO. 1308 SEVENTH, Oakland.
Alterations.
Owner.....B. Spicer, 1672 5th, Okd.
Architect...None.
Contractor...L. S. Barnett, 895 22nd,
Oakland.
COST, \$400

(975) NO. 9318 "D." Oakland. One-
story three-room dwelling.
Owner.....August Uney, Premises.
Architect...None.
Day's work..... COST, \$400

(979) S SIXTY-FIRST 210 E Canning,
Oakland. One-story 5-room dwlg.
Owner.....G. J. Capellini, 441 61st,
Oakland.
Architect...None.
Contractor...M. C. Vaughn, 5833 Ayala,
Oakland.
COST, \$2250

(980) S ALCATRAZ AVE 50 S Dana,
Oakland. Two-story 12-room dwlg.
Owner.....H. N. Turrell, 841 Walker
Ave., Oakland.
Architect...None.
Day's work..... COST, \$5000

(981) SW ALCATRAZ AVE & DANA.
Oakland. Two-story 14-room flats.
Owner.....H. N. Turrell, 841 Walker
Ave., Oakland.
Architect...None.
Day's work..... COST, \$8000

(982) E PARK VIEW DRIVE 248 N
Grand Ave., Oakland. Two-story 6-
room dwelling.
Owner.....W. F. Raffetto, 511 Adeline
Oakland.
Architect...None.
Contractor...E. T. Lelter & Sons, Shel-
don Bldg., San Francisco.
COST, \$5000

(983) N E-NINTH 50 W 28th Ave.,
Oakland. One-story 4-room dwlg.
Owner.....Manuel L. Ferreira, 2761
Boehmer, Oakland.
Architect...None.
Contractor...Silva & Luzane, 2869 Ford,
Oakland.
COST, \$1025

(986) NO. 516 ELEVENTH, Oakland.
Alterations.
Owner.....M. J. Blake Estate Co., 352
Blake Bk., Oakland.
Architect...None.
Day's work..... COST, \$3000

(987) LOT 10 BLK "F" Map Central
Piedmont Tract, Piedmont. All work
for two-story frame dwelling.
Owner.....John J. Parry, Oakland.
Architect...None.
Contractor...Sullivan Bros., 6452 Har-
mon Court, Oakland.

Filed Apr. 17, '14. Dated Apr. 14, '14.
Frame up ¼
1st coat plaster on..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, \$3190
Bond, none. Limit, 90 days after April
20. Forfeit, none. Plans and speci-
fications filed.

(989) N MANILA AVE 112 E College
Ave., Oakland. One-story 4-room
dwelling.
Owner.....Mrs. M. Calderwood, 539
53rd, Oakland.
Architect...None.
Contractor...W. H. Lovejoy, 2701 12th
Ave., Oakland.
COST, \$1600

(990) 3 JAMES AVE 80 N Clifton,
Oakland. One-story 5-room dwlg.
Owner.....J. Kessler.
Architect...None.
Day's work..... COST, \$2000

(991) NO. 408 CAVOUR, Oakland.
One-story 3-room dwelling.
Owner.....C. Varnie, Premises.
Architect...None.
Contractor...E. Campomenosi, 5165
Miles Ave., Oakland.
COST, \$1000

(992) NO. 1307 MAGNOLIA, Oakland.
Alterations.
Owner.....Mrs. E. Bingham Uth, 1307
Magnolia, Oakland.
Architect...None.
Day's work..... COST, \$400

(993) N BOULEVARD 110 W 55th
Ave., Oakland. One-story 6-room
dwelling.
Owner.....T. S. Peterson, 2035 ½
Parker, Berkeley.
Architect...None.
Day's work..... COST, \$2500

(995) W THIRTY-EIGHTH AVE 429.73
SW Old County Road W 265.31 SW
6.04 SW 60.22 SE 180.5 SE 71.55 NE
82.73, Oakland. All work for one-
story five-room dwelling.
Owner.....Mrs. California S. Sher-
wood, 1829 35th Ave., Okd.
Architect...None.
Contractor...Jos. Flittner, 1700 35th
Ave., Oakland.

Filed Apr. 18, '14. Dated Apr. 16, '14.
Frame up ¼
1st coat plaster on..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, \$1332

Bond, \$666. Surety, Southwestern
Surety Ins. Co. Limit, 60 days. For-
feit, \$1. Plans and specifications filed

Building Contracts Awarded. Berkeley.

No.	Owner	Contractor	Am't.
923	Pfe	Kidder	425
924	Mereen	Mereen	10000
925	Bartlett	Bartlett	1100
926	Dunn	Manly	2000
937	Hildebrandt	Button	4000
944	Wright	Engler	13000
945	Bonestell	Wiley	4500
948	Johnson	Richter	1785
949	Merritt	Pearson	10663
951	Heide	Heide	1000
952	Wingate	Montgomery	2900
965	Neltmann	K. Meyer	4000
969	Ala Home Bldg.	Nailanen	3000
970	No Bkly Cong Ch	Wikie	750
972	Ayer	Ayer	450
976	Hale	Thaxter	400
977	Ingall	Thaxter	400
978	Nickerson	Sorensen	23063
984	Ure	Sampson	3000
985	Button	Button	400
988	Demigh	Patrick	5550
994	Peters	Sheridan	7668

(Correction in Ent Number.)

(906) E ROBLE ROAD 70 S Tunnel
Road being Lot 11 Bk 18, Claremont
Park, Berkeley. All work except
foundations, grading, brick work,
plastering, plumbing, sewer, leaders.

tile roof, malthoid, paper, tile floors, marble, electric work, painting and finish hardware for two-story and basement frame dwelling.

Owner.....W. H. Ratcliff Jr., 1st National Bank Bldg., Bkly.

Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., Bkly.

Contractor...Walter Sorensen, 3219 Ellis, Berkeley.

Filed Apr. 9, '14. Dated Apr. 7, '14.

Frame up and roof boarded.....\$1000

1st coat plaster on.....1000

Completed and accepted.....1000

Usual 35 days.....1072

TOTAL COST, \$4072

Bond, limit, forfeit, none. Plans and specifications filed.

(923) NO. 2728 REGENT, Berkeley.

Alter and add.

Owner.....W. C. Fife, Premises.

Architect...None.

Contractor...Kiddler & McCullough, 2073 Addison, Berkeley.

COST, \$125

(924) N RUSSELL 150 — Claremont Blvd., Berkeley. Two-story 12-room dwelling.

Owner.....Arno Meren, 2701 Benvenue Ave., Berkeley.

Architect...Mitchell & Hodges, 742 Market, San Francisco.

Day's work. COST, \$10,000

(925) W BELVEDERE AVE 373.12 S Cedar, Berkeley. One-story 4-room dwelling.

Owner.....W. C. Bartlett, 1334 Stanage Ave., Berkeley.

Architect...None.

Day's work. COST, \$1100

(926) W DOHR 40 S Oregon, Berkeley. One-story 2-room dwelling.

Owner.....T. M. Dunn.

Architect...None.

Contractor...C. M. Manly, Berkeley.

COST, \$2600

(927) W LE ROY AVE 50 S Buena Vista, Berkeley. Two-story 7-room dwelling.

Owner.....Joel Hildebrandt.

Architect...James Plachec, Acheson Bldg., Berkeley.

Contractor...F. Button, 1625 Shattuck Ave., Berkeley.

COST, \$1600

(944) SE GARBBER & OAK KNOLL, Terrace, Berkeley. Two-story and attic 15-room dwelling.

Owner.....H. M. Wright, Channing & Warring, Berkeley.

Architect...Albert Farr, 68 Post, S. F.

Contractor...Louis Engler, 2728 Benvenue, Berkeley.

COST, \$13,000

(945) N GARBBER 260 E Claremont Blvd., Berkeley. Two-story 8-room dwelling.

Owner.....C. K. Bonestell Jr., 2845 Garber, Berkeley.

Architect...None.

Contractor...J. M. Wiley, 1718 Hearst Ave., Berkeley.

COST, \$1500

(948) LOTS 9 AND 10 BLK 7, Claremont, Berkeley. All work for two-story and basement frame dwellings and two garages.

Owner.....H. L. Johnson, Berkeley.

Architect...John Hudson Thomas, 1st National Bank Bldg., Bkly.

Contractor...F. E. Allen, 468 34th, Okd.

Filed Apr. 14, '14. Dated Apr. 13, '14.

Frames up.....1/4

Brown coated.....1/4

Completed and accepted.....1/4

Usual 35 days.....1/4

TOTAL COST, \$17,875

Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(949) S DURANT AVE 100 W Ellsworth S 130xW 50, Berkeley. All work for two-story frame apartments.

Owner.....Mrs. H. J. Merritt, 2211 Fulton, Berkeley.

Architect...Julia Morgan, Merchants' Exchange Bldg., S. F.

Contractor...Ben Pearson, 2403 Grant, Berkeley.

Filed Apr. 14, '14. Dated Apr. 11, '14.

Frame up and boarded in, chimneys up and rough plumbing in.....1/4

1st coat plaster on.....1/4

Completed and accepted.....1/4

Usual 35 days.....1/4

TOTAL COST, \$10,663

Bond, \$5331.50. Surety, National Surety Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(951) N RUSSELL 150 E Sacramento, Berkeley. One-story 4-room dwlg.

Owner.....Andrew Heide, 1511 Russell, Berkeley.

Architect...None.

Day's work. COST, \$1000

(952) E COLUSA 140 S Sonoma Ave., Berkeley. One and one-half-story 6-room dwelling.

Owner.....D. P. Wingate, 2329 Ward, Berkeley.

Architect...None.

Contractor...W. S. Montgomery, 2321 Ward, Berkeley.

COST, \$2900

(965) W SHATTUCK AVE 291.61 S Los Angeles Ave., Berkeley. Two-story 11-room dwelling.

Owner.....Wm. H. Nettelmann, 2011 Yolo Ave., Berkeley.

Architect...None.

Contractor...Adolph Kluster, 2011 Yolo Ave., Berkeley.

COST, \$4000

(969) W GRANT 50 N Addison N 40x W 100, Berkeley. All work for two one-story frame dwellings.

Owner.....Alameda County Home Builders, Inc., 1st National Bank Bldg., Berkeley.

Architect...None.

Contractor...Otto Mallanen, 2429 9th, Berkeley.

Filed Apr. 16, '14. Dated Apr. 14, '14.

Frame up.....1/4

Rough plastered.....1/4

Completed and accepted.....1/4

Usual 35 days.....1/4

TOTAL COST, \$3000

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(970) SE CEDAR AND O.FORD, Berkeley. Alterations.

Owner.....North Berkeley Congregational Church, Premises.

Architect...None.

Contractor...A. Wilkie Co., Clunie Bldg San Francisco.

COST, \$750

(972) W EVELYN 75 S Gilman, Berkeley. Alterations.

Owner.....Geo. Ayer, 1304 Evelyn Ave., Berkeley.

Architect...None.

Day's work. COST, \$450

(976) NO. 51 OAKVALE AVE., Berkeley. Two-story 2-room store and servants' rooms.

Owner.....Charles E. Hale, Premises.

Architect...None.

Contractor...F. C. Richter, 1912 Vine, Berkeley.

COST, \$400

(977) NO. 2112 SHATTUCK AVE., Berkeley. Alterations.

Owner.....Ingall Shoe Co., 2915 Florence, Berkeley.

Architect...None.

Contractor...F. W. Thaxter, 2454 Ashby Ave., Berkeley.

COST, \$100

(978) LOT 1 BLK 18, Claremont, Berkeley. All work except interior painting for two-story and basement dwelling.

Owner.....E. A. Nickerson, 2908 Pine, Berkeley.

Architect...W. R. Ratcliff Jr., 1st National Bank Bldg., Bkly.

Contractor...Walter Sorensen, 3219 Ellis, Berkeley.

Filed Apr. 16, '14. Dated Apr. 15, '14.

Frame up and roof boarding on.....1/4

1st coat plaster on interior and exterior.....1/4

Completed and accepted.....1/4

Usual 35 days.....1/4

TOTAL COST, \$23,063

Bond, \$11,531.50. Surety, Maryland Casualty Co. Limit, 110 days. Forfeit, none. Plans and specifications filed.

(984) N LE CONTE 200 E Scenia Ave., Berkeley. One-story 2-room Class "C" kitchen and furnace room.

Owner.....Jessie Ure, 2419 Le Conte, Berkeley.

Architect...A. W. Smith, 1010 Broadway, Oakland.

Contractor...Sampson & McCreary, 6506 Wheeler, Oakland.

COST, \$2000

(985) S HILLCREST ROAD 90 E Claremont Ave., Berkeley. Shed.

Owner.....Mrs. L. E. Button, 3147 Claremont Ave., Berkeley.

Architect...None.

Day's work. COST, \$100

(988) (1) NECKINLEY AVE AND Channing Way N 80 E 37; (2) N Channing Way 74 E McKinley Ave N 80 E 37; (3) N Channing Way 148 E McKinley Ave N 120 E 36.96 S 120 W 37.68, Berkeley. All work for three one-story 5-room dwellings.

Owner.....Basil K. Denbigh, 2035 Shattuck Ave., Berkeley.

Architect...None.

Contractor...Patrick Nelson Bldg. Co., 2011 Shattuck Ave., Bkly.

Filed Apr. 17, '14. Dated Apr. 17, '14.

Frames up.....1/4

1st coat plaster on.....1/4

Completed and accepted.....1/4

Usual 35 days.....1/4

TOTAL COST, \$3550

Bond, \$2775. Surety, U. S. Fidelity & Guaranty Co. Limit, 70 days after Apr. 15. Forfeit, \$3. Plans and specifications filed.

(1994) PTN LOTS 7 AND 8 University Terrace, Berkeley. One two-story and basement 8-room dwelling and one two-story 5-room dwelling. Owner.....E. R. Peters, 2619 Dwight Way, Berkeley.
Architect...John Hudson Thomas, 1st National Bank Bldg., Bkly.
Contractor...Phil Sheridan, 1510 Harmon, Berkeley.
Filed Apr. 17, '14. Dated Apr. 15, '14.
Frames up 1/4
Brown coated 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$7668
Bond, \$2834. Surety, U. S. Fidelity & Guaranty Co. Limit, 150 days. Forfeit none. Plans and specifications filed.

Building Contracts Awarded.

Alameda.

No.	Owner	Contractor	Am't.
946	Westman	Strang	2900
947	Joseph	Gilston	700

(1946) NO. 1314 CAROLINE, Alameda. One-story 6-room dwelling.

Owner.....Mrs. Westernman, S. F.
Architect...None.
Contractor...F. N. Strang, 1334 Eighth, Alameda.
COST, \$2900

(1947) NO. 508 SANTA CLARA AVE., Alameda. Add to dwelling.

Owner.....C. B. Joseph, Premises.
Architect...None.
Contractor...H. Gilston, 1505 Sixth, Ala
COST, \$700

OAKLAND'S BUILDING SUMMARY.

February, 1914.

	No. of Bldgs.	Cost.
New construction	152	\$387,929.00
Alterations, additions and repairs	127	41,263.20
Total	279	\$429,192.20

March, 1914.

	No. of Bldgs.	Cost.
New construction	209	\$569,291.50
Alterations, additions and repairs	179	56,616.00
Total	388	\$625,907.50

COMPLETION NOTICES.

ALAMEDA COUNTY.

Apr. 4, 1914—NE ELEVENTH AND Franklin, Okd. (Building owned by Mrs. B. Streit). E Anderson to G Warner.....Mar. 27, 1914
Apr. 4, 1914—E SHATTUCK AVE 200 S Los Angeles, being No. 1015 Shattuck Ave, Bkly. Edgar E Jamieson to E J Aalto.....Mar. 1, 1914
Apr. 10, 1914—NE THIRTEENTH & Webster E 100xN 50, Okd. H A Powell to A M Ponsen, No. 814 Apr. 10, 1914—LOT 99 Amended Map Alta Piedmont Tract, Piedmont. J L Rankin to E W Larmer.....Apr. 9, '14
Apr. 13, 1914—LOT 11 BLK 6 East Piedmont Heights, being No. 814 Cairmar Ave, Okd. John Van Slicklen to H M Swalley.....Apr. 2, 1914
Apr. 13, 1914—E THIRTEENTH AVE 300 N Wellington Ave, Okd. J E Cochran to E W Woodard, Apr. 13, '14
Apr. 13, 1914—LOTS 80 AND 81 BLA 6 Map Havenscourt, Okd. Emil J

and Josephine M Metzler to whom it may concern.....Apr. 9, 1914
Apr. 14, 1914—LOT 11 Map Latimer Tract, Okd. Sophie M Steenbergh to whom it may concern, Apr. 14, 1914
Apr. 14, 1914—W CLAY, bet 3rd and 4th, Okd. John Hansen and J C McDermid to John Anderson.....Apr. 14, 1914
Apr. 15, 1914—LOT 11 BLK 7 Map Melrose Heights, Okd. East Bay Home Bldrs to whom it may concern.....Apr. 15, 1914
Apr. 15, 1914—S 25 LOT 7 BLK 23 Map McGee Tract, Bkly. East Bay Home Bldrs to whom it may concern.....Apr. 15, 1914
Apr. 15, 1915—N 40 LOT situated on NE Cor Alcatraz Ave and Dana, Okd. J O H Beamer to Alex C Wielen.....Apr. 7, 1914
Apr. 15, 1914—LOTS 1 AND 2 BLK 5 Amended Map Ptn Bks 4 and 5 Map Cragmont, Oakland Tp. D E and Mary M Wiseman to whom it may concern.....Apr. 1, 1914
Apr. 16, 1914—S TWENTY-SECOND 360 E Webster E 51xS 162, Okd. California Door Co vs D Miller.....\$1588.25
Apr. 16, 1914—LOT 46 BLK 5 Map Melrose Heights, Okd. Melrose Lumber & Supply Co vs Gordon Wiser and Howard J Piersol.....\$249.15
Apr. 15, 1914—LOT 12 Map Piedmont by-the-Lake, Okd. John P Maxwell vs F A Briggs and Bruce Burnett.....\$29.50
Apr. 16, 1914—SE CEDAR & WALNUT Okd. North Berkeley Congregational Church to Andrew Wilkie Co.....Apr. 14, 1914
Apr. 16, 1914—LOT 19 BLK 15 Northbrae, Bkly. L Beauman to Patrick Nelson Bldg Co.....Apr. 14, 1914
Apr. 17, 1914—SE SIXTEENTH AND San Pablo Ave NE 18.68 SE 80.10 SW 36.42 SW 75.19 N 67.46, Okd. 1st Trust & Savings Bank (by P J Walker Co, Agents) to American Marble & Mosaic Co.....Apr. 16, 1914
Apr. 17, 1914—NE SEVENTEENTH & Broadway N 60x E 56-2, Okd. Lucy Fay Thomson (by P J Walker Co, Agents) to W D Henderson.....Apr. 8, 1914
Apr. 17, 1914—NE PORTIETH LOT 1 Bk 12 Boulevard Park, Okd. Soren C Bilsgrad to Alex C Wielen.....Apr. 16, 1914
Apr. 17, 1914—NW TWENTY-FOURTH and Broadway N 61.42 W 111.42 N 59.50 W 40 S 119 E 136.25, Okd. Christopher and James H Hampton (Hampton Bros) vs Broadway Development Co and Bruce B Burnett.....\$530
Apr. 17, 1914—LOT 45 BLK 5 Map Melrose Heights, Okd. Powell Bros Constr Co vs Mary L and Howard J Piersol and Gordon J Wiser.....\$143.25
Apr. 17, 1914—S TWENTY-SECOND 360 E Webster E 51xS 162, Okd. B C White vs D Miller.....\$567.52
Apr. 17, 1914—LOT 118 Fremont Tct, Okd. T W Leydecker vs Frank P Holmes.....\$25
Apr. 17, 1914—N NINTH 60 W Madison W 75xN 100, Okd. Pacific Fuel & Bldg Material Co vs George E Tuman, Sarah J Hastings. N A Thompson, E M Reagh and W F Karger.....\$108.15
Apr. 17, 1914—LOTS 7, 9 AND 10 Broadway Villa Tct, Okd. Rectgr. Wardens and Vestrymen of St.

Peter's Parish to Ben Pearson.....Apr. 13, 1914

LIENS FILED.

ALAMEDA COUNTY.

Apr. 11, 1914—N NINTH 60 W Madison W 75xN 100, Okd. A K Goodmundson vs George E Tuman, and E M Reagh.....\$252
Apr. 13, 1914—E 15 LOT 9 AND W 26 Lot 10 and W 36 of N 19 Lot 20 Map Part Ppty Harmon Estate and E 14 Lot 10 and Lot 11 and ptns Lots 18 and 19 Map Part Ppty Harmon Est., Okd. Howard Co vs D Miller.\$1954.17
Apr. 14, 1914—NW TWENTY-FOURTH and Broadway W 61.42 W 111.42 N 59.50 W 40 S 119 E 136.25, Okd. Sunset Lumber Co vs Broadway Development Co, Bruce B Burnett and S Brush.....\$60.47
Apr. 14, 1914—NW TWENTY-FOURTH and Broadway N 61.42 W 111.42 N 59.50 W 40 S 119 E 136.25, Okd. John P Maxwell vs Broadway Development Co, Bruce B Burnett and S Brush.....\$132.91
Apr. 14, 1914—S TWENTY-SECOND 360 E Webster E 51xS 162, Okd. John P Maxwell vs D Miller and E H Parker.....\$402.46

SAN JOSE AND THE SANTA CLARA VALLEY.

RESIDENCE—2 story and base, frame, \$20,000. Hollister, San Benito Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owner, George E. Syker. The dwelling has been designed for a modern ranch house and will be erected on the Palacios Ranch near Hollister. There will be twelve living rooms, three baths and sleeping porches. Interior will be finished in pine and redwood with hardwood floors in the principal rooms. There will be furnace, heat and a hot water supply. Open fire places and tile mantels will be used in the principal rooms. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the dwelling will be covered with cement plaster on metal lath. A red clay tile roof will be used. Plans are complete and figures will be taken at once.

THEATRE—1 story and base. Class C construction, \$25,000. Burlingame, San Mateo Co., Cal. Architect, Harris Allen, Central Bank Bldg., Oakland. Owner's name withheld. The building will be erected on one of the main streets in San Mateo and will have a seating capacity of about 800 people. Interior finish will be of pine with some ornamental plaster. A modern system of heating and ventilation will be installed. Special electric work will be specified. Exterior of the building will be faced with pressed brick and cement plaster. Plans are now being prepared.

POST OFFICE—1 story and base, brick and frame, \$20,000. Palo Alto, Santa Clara Co., Cal. Architects, Bakenwell & Brown, 251 Kearny street, S. F. Owners, Leland Stanford, Jr., University. The building will be erected on the Campus of the University and has been designed for a branch post office to be used exclusively by the college. Interior will be finished in pine and hardwood. Special cabinet work will be required. There will be steam heat. Exterior of the building will be faced



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with cement plaster. Plans are now being completed and figures will shortly be called.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

LOT 6, Lenzen Sub., San Jose. All work for five-room frame building.

Owner.....J. P. Jensen, 28 Lenzen Ave., San Jose.
Architect...L. Lenzen, 110 S-Second, San Jose.

Contractor...J. P. Jorgensen, 145 S-24th, San Jose.

Filed Apr. 4, '14. Dated Apr. 2, '14.
Frame up and roof on.....\$706.25
Enclosed and 1st coat stain on 706.25
When completed 706.25
Usual 35 days..... 706.25
TOTAL COST, \$3253.00

Bond, \$1412.50. Sureties, P. Jorgensen and J. H. Moellering. Limit, 55 days. Forfeit, none. Plans and specifications filed.

N SAN FERNANDO, Bet. Third and Fourth Sts., San Jose. All work for one-story brick and frame store bldg.

Owner.....Lizzie Fennell, 103 E-San Fernando, San Jose.
Architect...None.
Contractor...J. H. Miller, 1041 S-Second St., San Jose.

Filed Apr. 6, '14. Dated Apr. 2, '14.
Brick work 1/2 story.....\$669.25
Brick work completed..... 669.25
Building completed 669.25
Usual 35 days..... 669.25
TOTAL COST, \$2677.00

Bond, \$400. Sureties, F. B. Hubbard and W. A. Beall. Limit, forfeit, none. Plans and specifications filed.

LOT 9 BLK 2, Shottenhamer Sub. No. 2 San Jose. All work for five-room frame cottage.

Owner.....P. Mullaly, 1218 Orchard, San Jose.
Architect...None.
Contractor...J. A. Weldon, 639 Willis Ave., San Jose.

Filed Apr. 7, '14. Dated Apr. 6, '14.
Frame up\$500
Mortar on 500
When completed 500
Usual 35 days..... 500
TOTAL COST, \$2000

Bond, none. Limit, July 7. Forfeit, none. Plans and specifications filed.

COR. EIGHTH AND SAN ANTONIO, San Jose. All work for one-story frame cottage.

Owner.....Theo. Barus, 149 E-Santa Clara, San Jose.
Designer...L. I. Kelley.

Contractor...L. I. Kelley, 6 Mayellen Ave., San Jose.

Filed Apr. 9, '14. Dated Apr. 8, '14.
Frame up\$365
Brown plaster on..... 365
When completed 365
35 days after..... 635
TOTAL COST, \$1460

Bond, none. Limit, 50 days. Forfeit, none. Plans and specifications filed.

AGNEWS, CAL. All work for one-story frame galvanized iron roof building.

Owner...Western Grain & Sugar Products, Inc.

Architect...None.
Contractor...F. L. Hoyt, San Francisco.

Filed Apr. 9, '14. Dated Apr. 9, '14.
Roof completed\$871.75
Completed and accepted..... 871.75
TOTAL COST, \$1743.50

Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

THIRTEENTH, bet. San Fernando and San Antonio, Naglee Park, San Jose.

All work for one-story frame dwlg.
Owner.....F. O. Reed, 27 S-11th St., San Jose.

Architect...F. D. Wolfe, 1st National Bank Bldg., San Jose.
Contractor...Geo. Lindholm, 519 W-San Carlos, San Jose.

Filed Apr. 10, '14. Dated Apr. 6, '14.
Frame up\$1125
1st coat plaster on..... 1125
Building completed 1125
Usual 35 days..... 1125
TOTAL COST, \$4500

Bond, \$2250. Surety, Globe Indemnity Co. Limit, 75 days. Forfeit, \$5. Plans and specifications filed.

NO. 23 SOUTH FIRST, San Jose. All work for installing saloon.

Owner.....Joe Schutte, 42 W-San Fernando, San Jose.
Architect...None.
Contractor...Home Mfg. Co., 543 Brannan, San Francisco.

Filed Apr. 11, '14. Dated Mar. 5, '14.
On arrival of goods.....\$1500
Every 30 days until paid..... 500
Last 7 payments secured by notes bearing legal rate of interest each payment 500
TOTAL COST, \$5000

Bond, none. Limit, By April 25. Forfeit, none. Plans and specifications filed.

IN THE WILLOWS W of Lupton Ave. vs Minnesota & Pine Aves, San Jose All work for one-story frame cottage, garage and tank house.

Owner.....W. V. Kelleran, 125 Martin St., San Jose.

E. H. Williams

Chalmer Munday

Munday & Williams

Attorneys-at-Law

Special Attention Given to Building
Law and Bankruptcy Cases

Telephone Kearny 2622

615 Phelan Building, San Francisco

Architect...C. S. McKenzie, 509 San Jose Bank Bldg., San Jose.

Contractor...J. P. Jorgensen, 145 S-24th San Jose.

Filed Apr. 11, '14. Dated Apr. 7, '14.
As work progresses..... 75%
Usual 35 days..... \$1049
TOTAL COST, \$4196

Bond, \$2200. Sureties, C. Pallison and F. F. Boes. Limit, 80 days. Forfeit, none. Plans and specifications filed.

ST. JOHN ST., bet. 16th and 11th Sts. San Jose. All work for five-room cottage.

Owner.....J. S. Mize, 156 Santa Teresa St., San Jose.

Architect...None.
Contractor...Baggott & Son, 820 Spring St., San Jose.

Filed Apr. 11, '14. Dated Apr. 9, '14.
Building plastered\$400 1/2
30 days after..... 1/2
TOTAL COST, \$1725

Bond, \$864.50. Sureties, F. B. and A. L. Hubbard. Limit, 110 days. Forfeit, none. Plans and specifications filed.

No. 485 S-SIXTEENTH, San Jose. One and one-half-story residence.

Owner.....Mrs. M. E. Hewlett, 47 E-Santa Clara, San Jose.

Architect...O. M. Voorman, 58 S-7th, San Jose.

Contractor...W. R. Latta, 444 N-11th, COST, \$5500

N BIRD AVE, 3rd Lot N of Paim Haven Ave., San Jose. Five-room cottage and sleeping porch.

Owner.....G. R. Wightman, Prem.
Architect...None.
Day's work. COST, \$2500

NOS. 225 TO 246 N-FIRST, San Jose. One-story garage.

Owner.....Olson & McFarland Auto Co., Premises.
Architect...None.
Day's work. COST, \$19,000

NO. 182 ACCASIA, San Jose. Five-room cottage.

Owner.....J. R. Mini, Premises.
Architect...None.
Contractor...C. H. S. Hastings, 75 Sunole San Jose.

COST, \$1800

NE GRANT AND ORCHARD, San Jose. Four-room cottage.

Owner.....Kelley Bros., Premises.
Architect...None.
Day's work. COST, \$1200

NO. 1225 S-VINE, San Jose. Five-room cottage.

Owner.....A. Orlando, Premises.
Architect...None.
Contractor...C. R. Rastro, 1217 Vine,
San Jose.
COST, \$850

LIENS FILED.

SANTA CLARA COUNTY.

RECORDED AMOUNT
Apr. 6, 1914—E ½ of SE ¼ of SEC
14 Tp 7 South of Range 2 West M
D M (containing 20 acres). O P
Mills vs Geo Leonard.....\$42.50
Apr. 6, 1914—LOT 12 BLK 6 East San
Jose Homestead Add'n, San Jose.
C P Montgomery vs Minnie Favors
.....\$173

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED ACCEPTED
Mr. 28, 1914—NEAR LOS GATOS. M
Bleibler to H J Ross.....Mar. 24, 1914
Apr. 4, 1914—LOT 6 of Schaad Sub.
San Jose. T Bruch to E E Weldon
.....Apr. 2, 1914
Apr. 11, 1914—LOT 13 BLK 3 Shot-
tenhamer Tract No. 2, San Jose. J
A Weldon to J A Weldon.....Apr. 11, '14
Apr. 11, 1914—LOT "E" BLK 2, Shot-
tenhamer Tract No. 2, San Jose. W
F Fuller to whom it may concern..
.....April 11, 1914

BUILDING CONTRACTS.

SAN MATEO COUNTY.

LOT 32 BLK 42, Easton Add'n to Bur-
lingame No. 3. All work for five-
room cottage.
Owner.....N. B. Boucke, 2521 Polk,
San Francisco.
Architect...Owner.
Contractor...Caldwell & Wisnom, San
Mateo.

Filed Apr. 10, '14. Dated Apr. 6, '14.
Rough frame up, etc.....\$700
Enclosed and 1st coat plaster on 700
Completed and accepted.....700
Usual 35 days.....
TOTAL COST, \$2800

Bond, \$1400. Sureties, Robert Wisnom
and Wm. F. Turnbull. Limit, 70 days.
Forfeit, none. Plans and specifications
filed.

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
Apr. 3, 1914—LOT 8 BLK 14, Hill-
crest. Gustaf A Johnson to Gustaf
A Johnson.....Apr. 2, 1914
Apr. 8, 1914—LOT 19 BLK 18, Crock-
er Estate Tract, Sub No. 1. Wm
F Dreyer to whom it may concern..
.....March 28, 1914
Apr. 9, 1914—COUNTY ROAD Adj. St.
Matthew's Church, San Mateo. St.
Matthew's Red Cross Hospital to
Thos Alton.....Apr. 8, 1914
Apr. 9, 1914—COUNTY ROAD Adj. St.
Matthew's Church, San Mateo. St.
Matthew's Red Cross Hospital to
Thos Alton.....Apr. 8, 1914

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

SCHOOL—2 story and base, rein-
forced concrete. \$50,000. Patterson,
Stanislaus Co., Cal. Architect, Henry
C. Smith, Humboldt Bank Bldg., S. F.
Owners, Patterson Union High School
District. Bids were opened Saturday,
April 18th, by the Board of Education
of the Patterson School District for
the construction of a two-story and
basement reinforced concrete school.
Caldwell & Son of this city submitted
the lowest general figure at \$16,950
and were awarded the contract. The
Standard Electric Time Co. was award-
ed the program clock work, and Peter-
son & Wilson were awarded the heat-
ing and ventilating. A complete list
of these figures will be found under
the heading of Fresno, Modesto, Stanislaus
and Central California.

POST OFFICE—2 story and base,
brick and concrete, \$60,000. Hanford,
Kings Co., Cal. Architect, Supervising
Architect O. Venderoth, Washing-
ton, D. C. Owners, United States Gov-
ernment. Word comes from the Super-
vising Architect's office that work-
ing drawings are nearly complete for
the new post office which is to be
erected in Hanford. The building will
be of semi-fireproof construction with
pressed brick facing trimmed with
terra cotta. Interior finish will be of
pine, hardwood and tile. There will
be steam heat and an oil burning fur-
nace. Special fixtures and cabinet
work will be installed. Plans will be
forwarded to the west for figures
about May 1st. Further mention will
be made of the work.

AUTOMOBILE EXHIBIT BUILDING
—Brick construction, \$10,000. Fresno,
Fresno Co., Cal. Architect, Eugene
Mathewson, Forsythe Bldg., Fresno.
Owners, Fresno County Agricultural
Association. The building will cover
an area of 95 by 120 feet and will be
20 feet high. Interior will be finished
in pine and hardwoods with a cement
and tile floor. Steam heat and modern
plumbing and electric work will be
installed. Patent store fronts are
specified. Exterior of the building
will be faced with pressed brick. Pre-
liminary plans are being prepared.

Patterson School Work Awarded.

Caldwell & Son of this City Awarded
General Construction, Plumbing
Goes to Peterson & Wilson.

Bids were opened Saturday afternoon
by the Board of Education of the Pat-
terson School District for the construc-
tion of a two-story and basement rein-
forced concrete school. Caldwell &
Son of this city submitted the lowest
general figure at \$46,950, and was
awarded the contract. The Standard
Electric Time Co. were awarded the
program clock work and Peterson &
Wilson were awarded the heating and
ventilating. The buildings was de-
signed by Architect Henry C. Smith. A
complete list of the bids follow:

Patterson High School.
Benson & Johnson.....\$54,727

O. Monson 48,937
Caldwell & Son..... 46,950
Peterson & Wilson..... 48,160
Howard S. Williams..... 19,200

Heating and Plumbing.

O. Monson 48,937
Peterson & Wilson..... 3,500
J. C. Hurley..... 4,019
Pacifiac Blower & Heating Co. 4,685
Program Clocks.
Standard Elec. Time Co.....\$1,175

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

BUILDING CONTRACTS.

CONTRA COSTA COUNTY.

DESCRIBED TRACT in City of Pitts-
burg. All work for 5-room cottage.
Owner.....C. A. Hooper & Co., Balboa
Bldg., San Francisco.
Architect...G. B. Ashcroft, Balboa
Bldg., San Francisco.
Contractor..Wm. E. Green and B.
Vestnys (as Green &
Vestnys).

Filed Apr. 14, '14. Dated Apr. 13, '14.
Floor joists laid.....\$422
Roof completed 422
Building completed 422
Usual 35 days..... 423

TOTAL COST, \$1689
Bond, \$844.50. Sureties, A. O. Deiber
and J. Royce. Limit, 70 days. Forfeit,
\$1 per day. Plans and specifications
filed.

DESCRIBED TRACT in City of Pitts-
burg. All work for 5-room cottage.
Owner.....C. A. Hooper & Co., Balboa
Bldg., San Francisco.
Architect...G. B. Ashcroft, Balboa
Bldg., San Francisco.
Contractor..Wm. E. Green and B.
Vestnys (as Green &
Vestnys).

Filed Apr. 14, '14. Dated Apr. 13, '14.
Floor joists laid.....\$391.00
Roof completed 391.00
Building completed 391.00
Usual 35 days..... 392.15

TOTAL COST, \$1565.15
Bond, \$782.60. Sureties, A. O. Deiber
and J. Royce. Limit, none. Forfeit, \$1
per day. Plans and specifications filed.

DESCRIBED TRACT in City of Pitts-
burg. All work for 4-room house.
Owner.....C. A. Hooper & Co., Balboa
Bldg., San Francisco.
Architect...G. B. Ashcroft, Balboa
Bldg., San Francisco.
Contractor..Wm. E. Green and B.
Vestnys (as Green &
Vestnys).

Filed Apr. 14, '14. Dated Apr. 13, '14.
Floor joists laid.....\$360.00
Roof completed 360.00
Building completed 360.00
Usual 35 days..... 361.35

TOTAL COST, \$1441.35
Bond, \$720.70. Sureties, A. O. Deiber
and J. Royce. Limit, 70 days. Forfeit,
\$1 per day. Plans and specifications
filed.

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
Apr. 11, -914—LOT 4 BLK "C" Town
of Crockett. A. A. Paul, E O Chapel,
W A Davis (for 1st Congregational
Church of Crockett) to whom it

may concern. May 16, 1914
Apr. 11, 1914—LOT 1, AND PTN LOT
11 Bk 21, Henderson Tapscott Trct
No. 1, Abbott & Chinnock
Abbott & Chinnock.....Mar. 1, 1914

LIENS FILED.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
Apr. 10, 1914—LOT 16 RACE TRACT
Shdvn to Concord, Oren-McGuire
Lumber Co vs R N Burgess Co and
Chas Kauffelt\$288.38
Apr. 10, 1914—LOTS 25 AND 26 Olsen
Shdvn to Walnut Creek, Oren-Mc-
Guire Lumber Co vs R N Burgess
Co and William Pearson.....\$140.15

LIENS FILED.

MARIN COUNTY.

RECORDED AMOUNT
Apr. 15, 1914—LOT 23-D AND 24-B,
Bush Tract, San Anselmo, N Cal-
etti & Co vs Robert Dodds and
Francis W Auller (erected for
Western Union Home Bldrs of Oak-
land\$37.72

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

CHURCH—1 story and base, brick,
\$20,000. Stockton, San Joaquin Co.
Cal. Architect, Joe Losekan, San Joa-
quin Bldg., Stockton. Owners, Clay
Street Methodist Church, Rev. Smith,
Pastor. A new site has been secured
at the northeast corner of San Joaquin
and Clay streets and construction will
be started as soon as plans can be
completed. The new church will be
designed in the Mission style and will
contain, besides the main auditorium,
Sunday school rooms and pastor's
study. Interior finish will be of pine
and ornamental plaster. There will be
a central heating system, probably
warm air. Art glass is specified. Ex-
terior of the building will be faced
with cement plaster. A clay tile roof
will be used. Plans are now being pre-
pared.

HALL OF RECORDS—2 story and
base, reinforced concrete \$50,000. Co-
lusa, Colusa Co., Cal. Architect, Henry
C. Smith, Humboldt Bank Bldg., S. F.
Owners, Colusa County. The building
will be erected on Jay and 6th streets
on property adjoining the County Court
House. Construction will be fireproof
throughout with reinforced concrete
walls, floors and interior partitions of
hollow tile and metal bath and plaster.
Interior finish will be of pine, hard-
woods and metal trim. Metal window
sash and frames, fireproof doors and
metal shelves and furniture will be
used. There will be steam heat, a vac-
uum cleaning system and water supply.
Exterior of the building will be faced
with cement plaster. Plans are com-
plete and figures are being taken. Bids
will be opened on May 6th. An official
proposal appears in another column of
this issue.

CLASS ROOM BUILDING — 2 story
and base, brick. Cost not stated. Dav-
is, Yolo Co., Cal. Architects, Cunning-
ham & Politeo, First National Bank
Bldg., S. F. Owners, Regents of the
University of California. Plans have
been completed for a two-story class-
room building which is to be erected

at the University Farm. The structure
will cover an area of 90 by 152 feet,
and will contain, in addition to the
class rooms, a large assembly hall and
library. Interior finish will be of pine
throughout. There will be steam heat.
Special cabinet work will be required.
A slate roof will be used. Exterior of
the building will be faced with cement
plaster. Plans are complete and out
for figures. Bids will be opened by
the Regents of the University on April
30th. An official proposal appears in
another column of this issue.

SCHOOL—2 story and base, brick
and tile, \$50,000. Chico, Butte Co., Cal.
Architect, A. J. Bryan, Chico. Owners,
Oakdale School District. The building
will contain eight class rooms, assem-
bly hall, teachers' rooms and principal's
office. Interior finish will be of pine
with maple floors in the class
rooms. There will be steam heat and
an oil burning plant. Vacuum clean-
ing and program clocks will be in-
stalled. Exterior of the building will
be faced with pressed brick. Plans are
complete and separate figures are now
being taken for the general construc-
tion and heating and ventilating.
These bids will be opened on April
30th. On the same day the Board of
Education will open figures for a four-
room addition to the 4th and Cleander
Street School, and for a one-story re-
inforced concrete addition to the Chico
School. Plans can be secured from the
architect.

OFFICES—2 story and base, rein-
forced concrete. Cost not stated.
Woodland, Yolo Co., Cal. Architects,
Ward & Blohme, Alaska Commercial
Bldg., S. F. Owners, Yolo Water Co.
The building will be designed to con-
tain the company's offices on the first
floor and an attorney's offices on the
second floor. Interior will be finished
in pine and hardwood with some or-
namental iron and bronze grilles.
There will be a central heating system.
Exterior of the building will be faced
with cement plaster. Plans are com-
plete and the work will probably be
done by Day Labor.

HOTEL—4 story and base. Class C
construction. Cost not stated. Lodi,
San Joaquin Co., Cal. Architect, E. B.
Brown, Stockton. Owners, Lodi capi-
talists. The building will be erected
on a corner site and will contain, be-
sides the hotel lobby and offices, a
store and banking quarters. Upper
floors will be arranged for 65 guest
rooms and a number of baths. The
building will cover an area of 85 by
100 feet. Considerable steel will be
used. Interior will be finished in pine
and redwood. Plans provide for steam
heat, an oil burning plant, a hot water
supply and patent store fronts. Special
interior finish will be used in the
bank and fireproof vaults are also
specified. Exterior of the building
will be faced with pressed brick and
terra cotta. Plans are now being
prepared.

SCHOOL—2 story and base, rein-
forced concrete, \$200,000. Sacramento,
Cal. Architects, Shea & Lofquist,
Bankers' Investment Bldg., S. F. Own-
ers, City of Sacramento. This building
has been out for figures before but
overrun the estimated cost consider-
ably. Plans have been revised de-
creasing the height by about two feet
and lightening the construction in
some particulars. Interior finish will
be of pine throughout with maple

floors in the class rooms. Manual
training departments and domestic
science rooms are also included. There
will be steam heat and an oil burning
plant. Exterior of the building will
be faced with cement plaster. Plans
are complete and an official advertise-
ment has been published calling for
bids which are to be opened on May 1.

ACADEMY BUILDING—2 story and
basement, brick. Cost not stated. Ar-
chitects, Stone & Wright, San Joaquin
Bldg., Stockton. Owners, St. Agnes
Academy. The following bids were
opened by Father McGough for the
construction of the new academy
building to be erected for St. Agnes
Parish in Stockton. The structure will
be a two-story building and was de-
signed by Architects Stone & Wright;
James L. McLaughlin, \$55,793; Ward &
Goodwin, \$19,200; Chirhardt & Nystedt,
\$45,446; Anthony & Meyers, \$44,975;
John Kuykendall, \$14,530; F. J. Klenck,
\$43,197; James Mulcahy, \$36,984.

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

S 26 FEET LOT 2 AND ALL LOT 3 SE
G and Railway Co sub. E Oak Park,
Sacramento. Two-story brick store
building and office, lodging house on
second story.

Owner.....Ernest A. Thiele, 1601 21st
St., Sacramento.

Architect.....Geo. E. Sellon, 1005 K St.,
Sacramento.

Contractor.....R. M. Smith, 2718 18th St.,
Sacramento.

COST, \$13,000

E ½ LOT 7 S. T, 17TH AND 18 STS.,
No. 1715 T St., Sacramento. Frame
dwelling, 2 flats of four rooms and 1
apartment of 7 rooms.

Owner.....Miss N. Bader, 716 P St.,
Sacramento.

Architect.....None.

Contractor.....W. R. Saunders, 2310 J St.
Sacramento.

COST, \$1990

LOT 23 Mier & Sowell High School Trct,
Sacramento. One-story frame dwlg.
Owner.....C. H. Chatterton, 3126 T St.
Sacramento.

Architect.....None.

Contractor.....Chatterton Bros., 3126 T
St., Sacramento.

COST, \$2450

LOT 23 Mier & Sowell High School Trct,
Sacramento. One-story 5-room frame
dwelling.

Owner.....C. H. Chatterton, 3126 T
St., Sacramento.

Architect.....None.

Contractor.....Chatterton Bros., 3126 T
St., Sacramento.

COST, \$2450

W 20 FT. LOT 86 AND E 20 FT. LOT 85
H J Goethe Co., Add'n. Sacramento.
One-story 5-room frame dwelling.

Owner.....H. F. Carstens, 1831 I St.,
Sacramento.

Architect.....None.

Contractor.....H. F. Carstens, 1831 I St.,
Sacramento.

COST, \$1850

E 40 FT. LOT 86 H J Goethe Co., Add'n.
Sacramento. One-story 5-room frame
dwelling.

Owner.....H. F. Carstens, 1831 I St.,
Sacramento.

Architect...None.
Contractor...H. F. Carsten, 1831 I St.,
Sacramento.
COST, \$1800

Owner.....Joe Cayocca, Box 816
Catherine Av., Sacramento
Architect...None.
Day's work. COST, \$250

days. Forfelt, \$10. Plans and specifications filed.

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
APR. 11, 1914—N ¼ LOT 8, F. G. 26TH
and 27th Sts., Sacramento. Gilbert
W Richards to The Capitol Paint
Co.....March 30, 1914

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—4 story and base. Class C construction. Cost not stated. Los Angeles, Cal. Architects, Blanchard & Tifal, California Bldg., L. A. Owner, Elbert L. Miller. The building will be erected on Ingraham street, covering an area of 60 by 100 feet. There will be a total of 100 rooms arranged in two and three room suites with wall beds and private baths. Interior finish will be of pine and hardwood. Plans provide for steam heat and a hot water supply. There will be forty baths with tile wainscot and composition floors. Exterior of the building will be faced with pressed and glazed brick. Plans are now being prepared.

HOTEL—4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, Anton Reif, Higgins Bldg., L. A. Owners, John G. Orth, Susan B. Campbell and Ben Weingart. The building will be erected on San Julian street between 5th and 6th streets, covering an area of 66 by 134 feet. Plans provide for a total of 194 rooms with two baths and two showers on each floor. Interior finish will be of pine throughout. There will be steam heat, elevator service and a hot water supply. Bath rooms will be finished in tile. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

HOTEL—3 story and base, frame. Cost not stated. Los Angeles, Cal. Architect, C. F. Skilling, Garland Bldg., L. A. Owners, Mrs. Wagner and Mrs. Fullerton. The building will be erected on West 8th street, covering an area of 50 by 90 feet. There will be a total of 30 rooms, 50 per cent of which will have private baths. Interior finish will be of pine and redwood. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

HOTEL—10 story and base. Class A construction, \$210,000. Los Angeles, Cal. Architect, Lyman Farwell, Story Bldg., L. A. Owner, J. W. Brunton. The building will be erected on 6th street between Hope and Flower streets, and will have a frontage of 75 feet by a depth of 104 feet. Construction will be of reinforced concrete and steel with concrete floors, walls and roof slabs and fireproof interior partitions. Plans provide for three stores besides the hotel office and lobby on the first floor and a total of 218 guest rooms, 50 per cent of which will have private baths, on the upper floors. Interior finish will be of hickory and mahogany. There will be steam heat, a hot water supply, vacuum cleaning and

N 51 FT. LOT 15 East End Add'n, 34th St., bet. T and U Sts., Sacramento. One-story four-room frame dwlg.
Owner.....O. G. Hopkins, 700 21st St., Sacramento.
Architect...None.
Contractor...J. Jennings, 719 J St., Sacramento.
COST, \$1500

E ½ LOT 1 AND S 80 FT. OF W 36 FT. Lot 2, J, K, 11th and 12th Sts., Sacramento. One-story and basement building.
Owner.....C. J. Chenu, L. L. Gillis, R. M. Richardson and Philip S. Driver, F. & M. Bank Bldg., Sacramento.
Architect...None.
Contractor...Harry A. Hendren, 2915 I St., Sacramento.
Filed Apr. 11, '14. Dated Apr. 9, '14.
COST, \$2334

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

N-HUNTER ST. BLK 70 LOTS 10, 15 and 16, Stockton. All work for two-story brick garage.
Owner.....Almer E. Eshbach, West Fremont, Stockton.
Architect...Ralph P. Morrell, 12-15 I. O. O. F. Bldg., Stockton.
Contractor...James Mulcahy, Stockton.
Filed Apr. 9, '14. Dated Apr. 8, '14.
1st floor completed.....\$4000.00
Brick ready for trusses..... 3990.25
Roof ready for roofer..... 5000.00
Plastering, wood completed. 5000.00
Usual 35 days..... 5996.25
TOTAL COST, \$23,987.00

Bond, \$12,000. Sureties, A. J. McPhee and P. E. Goodell. Limit, 90 days. Forfelt, none. Plans and specifications filed.

LOTS 1, 3, 5 AND 13 BLK 106 E. Stockton. Foundation for brick school.
Owner.....W. E. McGough, 293 East Washington, Stockton.
Architect...Stone & Wright, San Joaquin Bldg., Stockton.
Contractor...James Mulcahy.
COST, \$—
NOTE: Building will cost about \$40,000

LOT 6 BLK "C." McCleod's Addition Stockton. All work for one-story frame bungalow.
Owner.....J. G. Smith.
Architect...W. B. Thomas, Yosemite Bldg., Stockton.
Contractor...A. J. McPhee, 11 California, Stockton.
Filed Apr. 14, '14. ated Apr. 13, '14.
Plaster completed.....\$1000
Usual 35 days..... 1167
TOTAL COST, \$2167

Bond, \$1000. Sureties, H. P. Fischer and Louis Cassinella. Limit, 90 days. Forfelt, none. Plans and specifications filed.

OAK AND EAST STS., Stockton. All work for two-story brick school.
Owner.....East Side Grammar School Stockton.
Architect...Stone & Wright, 16 South California, Stockton.
Contractor...O. B. Ackerman & Son, 1752 69th Ave., Oakland.
Filed Apr. 14, '14. Dated Apr. 13, '14.
1st day of each month..... 75%
Usual 35 days, 25%.....\$16,831.25
TOTAL COST, \$67,285.00
Bond, \$84,000. Surety, Chicago Bonding & Surety Co of Illinois. Limit, 200

LOT 177 BOULEVARD PARK No. 501 21st St., Sacramento. One-story frame garage.
Owner.....John W. Ott, Premises.
Architect...None.
Day's work. COST, \$—

LOTS 75 AND 76 BLK "C" Oak Grove, No. 3206 4th Ave., Sacramento. Erect concrete bakery.
Owner.....R. G. Kaeser, Premises.
Architect...None.
Contractor...Murcell & Haley, Ochsner Bldg., Sacramento.
COST, \$7200

W ½ LOT 8, J, K, 27TH AND 28 STS., No. 2701 K St., Sacramento. Two-story five-room frame dwelling.
Owner.....August Klutz, Premises.
Architect...None.
Contractor...Henry Wynn, 1022 97th St., Sacramento.
COST, \$3570

N 120 FT. LOT 1, K, S. 27TH AND 28TH STS., No. 2760 R St., Sacramento. Erect repair shop.
Owner.....N. D. Hulse & Son, Prem.
Architect...None.
Day's work. COST, \$500

LOT 14 NEIL TRACT, Elmhurst Ave., Sacramento. One-story three-room frame dwelling.
Owner.....F. H. Preston, 424 10th St., Sacramento.
Architect...None.
Day's work. COST, \$250

LOT 2568 OAK TERRACE No. 3616 5th Ave., Sacramento. One-story 5-room frame dwelling.
Owner.....M. A. Walsh, 3618 5th Ave., Sacramento.
Architect...None.
Contractor...C. E. Mendenhall, 3729 Madrone Ave., Sacramento.
COST, \$1500

E ½ LOT 7, G. H. 27TH AND 28TH STS No. 2715 H St., Sacramento. One-story cement block private garage.
Owner.....C. W. Griffith, Premises.
Architect...None.
Day's work. COST, \$500

E 37 ½ FT. LOT 2, Tullar Tract, No. 3826 J St., Sacramento. One-story 6-room frame dwelling.
Owner.....Julian Ferrant, 3814 J St., Sacramento.
Architect...None.
Contractor...W. J. Frazer, 615 Montclair Ave., Sacramento.
COST, \$2200

E 3 FT. W ½ OF S ½ LOT 12, Edwin Tullar Tract, Sacramento. One-story frame blacksmith shop.

two elevators. All ~~other~~ rooms will have the floors and walls of. Patent store fronts and metal sash and frames are specified. Lobby and office will be finished in ornamental plaster, marble and tile. Exterior of the building will be faced with glazed brick and terra cotta. Plans are now being prepared.

SCHOOL BUILDINGS—7 1 and 2 story and base, brick. Cost not stated. Alhambra, Los Angeles Co., Cal. Architect, Norman F. Marsh. Broadway Central Bldg., L. A. Owners, Alhambra School District. The group will consist of seven buildings of one and two stories. Only three of these buildings will be erected at the present time, one of which will be the central heating plant. Exteriors will be faced with cement plaster. Detail information cannot be given at this time as only preliminary sketches have been completed.

GREEK THEATRE—Reinforced concrete construction. Cost not stated. Los Angeles, Cal. Architects, S. Tilden Norton and J. H. Wallis. Title Insurance Bldg., L. A., associated with Architects Heath & Gove, Tacoma, Wash. Owners, City of Los Angeles. The theatre will be erected in Griffith Park. A proposed science observatory is also a part of the project. The new theatre will be one of the largest Greek theatres in the United States. Complete plans will be submitted to the City Council within a week or ten days, and bids will be called for at once. Further mention will be made of the work.

Contracts Awarded.

HOTEL—1 story and base, brick and steel, \$50,000. Los Angeles, Cal. Architects, George F. Costerisan and J. F. Kavanaugh, California Bldg., L. A. Owner, J. B. Solomon. Contractor, Fred W. Siegel, Stimson Bldg., L. A. Contract price, \$50,000. Note: This contract has been taken on a percentage basis and working drawings are not yet complete.

RESIDENCE—2 story and base, frame and plaster, \$21,400. Pasadena, Los Angeles Co., Cal. Architect, Elmer Grey, Wright and Callender Bldg., L. A. Owner, W. H. Brophy. Contractor, W. A. Taylor, 966 Elizabeth street, Pasadena. Contract price, \$21,240.

RESIDENCE—2 story and base, frame and brick, \$29,410. Oak Knoll, Los Angeles Co., Cal. Architects, Hudson & Munsell, Stimson Bldg., L. A. Owner, Morris Cohn. Contractor, John L. Conner, 435 West 31st street, L. A. Contract price, \$29,410.

PORTLAND AND OREGON.

CITY HALL—2 story and base, brick and concrete, \$20,000. Seaside, Ore. Architect, O. G. Brubaker, Seaside. Owners, City of Seaside. The building will be designed in the classic style and will cover a considerable ground area. The first floor will contain police and fire departments, city offices and two fireproof vaults. Second floor will be arranged for the Mayor's office, council chamber and offices. There will be steam heat. Interior will be finished in pine throughout. Exterior of the building will be faced with pressed brick. A general contract will be let. Plans are complete and figures are now being taken.

THEATRE—1 story and base, brick, \$15,000. Hood River, Ore. Architect, Aaron Gould, Henry Bldg., Portland. Owner, William Baker. The building has been designed for a motion picture house and will cover an area of 50 by 100 feet. Besides the main floor plans provide for a balcony which will give the house a combined seating capacity of 650 people. Interior finish will be of pine throughout. Modern heating and ventilation will be installed. Special electric work is also specified. Exterior of the building will be faced with cement plaster. Plans will go out for figures in about one week. A general contract will be awarded.

THEATRE AND STORES—3 story and base, reinforced concrete, \$50,000. Portland, Ore. Architect, W. B. Bell, Sherlock Bldg., Portland. Owner, A. C. Ruby. The building will be erected at the corner of 5th and Burnside streets, covering an area of 80 by 100 feet. Construction will be fireproof throughout with reinforced concrete walls, floors and roof slabs. Interior partitions will be of metal lath and plaster and hollow tile. There will be five stories on the ground floor besides the main auditorium and entrance. The theatre will seat 650 people. A portion of the upper floors will be arranged for hotel rooms, there being 69 rooms and several baths. Interior finish will be of pine throughout with some ornamental plaster in the theatre. Plans provide for steam heat, ventilating system and a hot water supply. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

THEATRE—1 story and base, brick, \$20,000. Portland, Ore. Architects, Emil Schacht & Son, Commonwealth Bldg., Portland. Owner, Joseph Closet. The building will be erected on the corner of First and Main streets, covering an area of 50 by 100 feet, and has been designed for a motion picture house. Interior will be finished in pine and ornamental plaster. The main portion of the building will have a seating capacity of 500 people. Plans provide for one small store besides the theatre. There will be steam heat and a modern system of ventilation. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

Contracts Awarded.

HOSPITAL—3 story and base, brick, \$15,000. La Grande, Ore. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Owners, Grand Bond Hospital. Contractor, C. H. Rust, La Grande. Contract price, \$15,000.

SEATTLE AND WASHINGTON.

THEATRE AND OFFICES—6 story and base, Class A construction, \$500,000. Architect, B. Marcus Pretica, Empire Bldg., Seattle. Owner, Alex Pantages. This building will be erected on one of the principal business corners, and will cover an area of 111 by 120 feet. Construction will be class A throughout with a complete steel frame, reinforced concrete walls, floors and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. The main portion of the building will be occupied by the theatre, which will have a seating capacity of 2,000 people. Upper floors will contain twelve offices to the floor. In-

terior of the theatre will be finished in the French Renaissance style. Plans provide for steam heat, elevator service and a modern system of ventilation. Interior of the offices will be finished in pine and hardwood. Marble and tile will be used extensively. Exterior of the building will be faced with white glazed terra cotta. Plans are complete and figures are being taken.

THEATRE—3 story and base, Class A construction, \$135,000. Bellingham, Wash. Architect, Stanley Piper, Bellingham. Owners the Edison Amusement Co. A report states that this company, which is a large British Columbia firm, has secured a location in Bellingham and will start construction on a large theatre within the next three months. The exact location and other details of construction are lacking at this time. The report states however that construction will be of the class A type, and that the theatre will have a seating capacity of 1,500 people. Further mention will be made of the work.

Contracts Awarded.

APARTMENT HOUSE—3 story and base, brick, \$50,000. Seattle, Wash. Architects, Walter & White, 1626 4th avenue, Seattle. Owner, J. N. Shaw. Contractors, Walter & White, 1626 4th avenue, Seattle. Contract price, \$50,000.

HOTEL—5 story and base, brick and steel, \$60,000. Seattle, Wash. Architect, L. B. Johnson, 2838 Evanston street, Seattle. Owner, Hotel Buttrick. Contractor, L. B. Johnson, 3838 Evanston street, Seattle. Contract price, \$60,000.

TALLEST CHIMNEY IS IN ARIZONA.

The tallest steel stack in the world is now building at Jerome, Ariz., as part of the new works there of the United Verde Copper Company. The chimney is 30 feet in diameter inside the brick lining, 30 feet 9½ inches inside of the steel shell and 400 feet 1 inch from top of foundation to top of steel. In comparison it may be stated that Liberty statue, in New York harbor, from bottom of pedestal to torch, is 205 feet in height, whereas the statue proper is only 151 feet. The unusual size of this structure, the connections for three flues, and the protection of the steel plate from the flue gases caused several interesting problems in the design.

The diameter and height of the chimney were determined by the draft calculations; the diameter and height of bell were made one-eighth of the height of the chimney, or 50 feet. The brick lining was supported on the legs of circular angles riveted to the inside of shell and spaced 15 feet apart. By this method the bearing capacity of the brick is not exceeded and any section can be replaced without affecting the others.

The wind load was assumed to be 50 pounds per square foot, or 25 pounds per square foot on the projected diameter, equal to 770 pounds per foot of height. The dead load was taken as the actual weight of steel plus the weight of brick lining, assumed at 112 pounds per cubic foot.—Engineering and Mining Journal.

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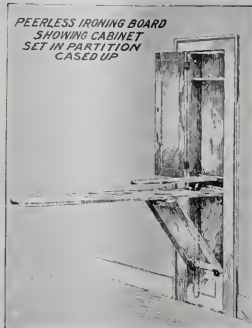
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Speidel, P. F.
Stockholm & Al-

lyn
Strehlow, Freese
& Peterson.

Taylor & Goerick
Taylor, V. A. &
C. C.

Tessmer, H. A.
Thurston & Co.
E.

Trost, Robert
Van Sant-Hough-
ton Company

Walker, G. H. &
Seth
Ward & Goodwin

Wendler,
Witzelberger, J.
Williams Bros. &

Henderson
Witch, Chas.
Honorary Mem.

Architectural Iron
Works.

Acme Iron Works
& Wire Works.

Brode Iron Works
Brode, W. H. &
Iron Works

Farrerkopf &
Sons, C.
Glasco & Kloeres

Hillard & Co., C.
J.
Hill Iron Works

Keystone Orn.
Mark & Brenze
Works

Leithold & Co., M.
Monarch Iron
Works

Mitchel & Pfeffer
Ristron Iron
Works

Vulcan Iron Wks
Western Iron Wks
West Coast Wire

& Iron Works
Arch. Sheet Metal
Works

S. F. Meta Stamp-
ing & Engr. Co.
Arch. Term Cottg.

Calif. Pottery Co.
Carnegie Brick &
Pottery Co.

Clark & Sons, N.
Diamond Brick Co.
Gladding, Mc-

Clerk

E. A. McCallum

Bean Co.
McNear Brick

Steiger Terra Cot-
to Co.
Valejo Brick and

Tile Co.
Art Ceilings.
Berger Mfg. Co.

Art Glass.
Grosslicht & Din-
ner

Pioneer Pate &
Window Glass Co.
Schwarz & Gott-

lieb
Artistic Plaster
Decorations.

Benkman, Ed. G.
Binner Theodore
Blanton, O. & S.

Lipp & Co., I. P.
Co.
Asbestos Materials

Johns
Manville Co., H. W.
Magnesia Asbes-

tos Supply Co.
Magnesia Co.
Western Builders'

Supply Co.
Asphalt & Bitu-
menous Paving.

Nugent, Robinson
Attorneys.

Altken & Altken
Auto Delivery.

Hild, J. P.
Star Con. Co.
Automobile

Supplies.
Burgers, Fred W.
Bollers.

Deasy Utilities Co.
Peerless Agencies
Company

Boller & Pipe Cov-
erlog.

Johns - Manville
Co., H. W.

Lewis, W. S.
Magnesia Asbestos
Supply Co.

Western Asbestos
Magnesia Co.
Bonds & Insurance

Arp, Chas. W.
Agency Company
Aetna Life Ins. Co.

Assur. Corp.
Glass, Samuel
Hayburn, Jas. C.

Hill, George
Lloyd & Spengier
MacMeans, H. V.

Meierin & Son,
Mark
Pacific Coast Cas-
ualty Co.

Pacific Surety Co.
Webster, All-

app Co.
Brick Contractors

Alexander, Robt.
Alb, C. J.
Anderson & Rain-

eynen, J. E.
Callahan
Devillers, J.

Finnaul & Sea-
holm
Gillertsen & John

Johns
Lindner, John E.
Hansen & Co.

Holding & Car-
man

Brick Dealers.

Bay Develop. Co.
Cal. Pottery Co.

Carnegie Brick &
Pottery Co.
City Supply Co.

Clark & Sons, N.
Diamond Brick Co.
Tile Co.

Gladding - Mc-
Lean Co.
Golden Gate Brick

Co.
McNear Brick
Agency

Steiger Terra Cot-
ta Pottery Wks
& United Materials

Valejo Brick &
Western Develop-
ment Syndicate

Western Lime &
Cement Co.

Builders.

Keuffel & Esser Co.
Hauling Journals

Architect & En-
gineer.

Building and In-
dustrial News.
Daily Pacific

Builder
Building Materials

Algettinger, E.
Alsen's Portland
Cement Co.

Baker & Hamil-
ton
Bay Develop. Co.

Berger Mfg. Co.
Bird & Son, P. W.
Cal. Bldg. Mate-

rial Co.
Cal. Pottery Co.,
Inc.

City Supply Co.
Cal. Lime & Hy-
drate Co.

Carnegie Brick &
Pottery Co.
Comyn, Mark

and Company.
Cowan Lime and
Cement Co., H.

Diamond Brick Co.
Dwan Co., I. E.
Fall's Mfg. Co.

Fuller & Co., W.P.
Gladding - Mc-
Lean Co.

Gross Co., Felix
Guerin & Co., J. S.
Hollway B. & P.

Holland, J. P.
Holmes Lime Co.
Holland, J. P.

Johns - Manville
Co., W.
Jorgensen & Co., C.

Lennon Co., J. E.
Lilly & Thurston
Co.

Meier, Adolph
Pac. Portland Ce-
ment Co.

Paraffine Paint Co.
Parrott & Co.
Roman Co., C.

S. F. Lime Co.
Shannon, M. T.
Sherman - Kim-

ball Co.
Simon-Fout Brick
Co.

Standard Portland
Cement Co.
Steiger Terra Cot-

ta Pottery Wks
Stonely & Co.
Vallejo Brick &

Tile Co.
Waterhouse &

Price Co.
Western Asbestos
Magnesia Co.
Western Builders'
Supply Co.

Western Develop-
ment Syndicate.
Western Lime &
Cement Co.

Whittier - Coburn
Co.
Woods & Hud-
dard

Cement Dealers.
Algettinger, E.
Alsen's Portland

Cement Co.
City Supply Co.
Cowan Lime &

Cement Co.
Cowan Lime &
Cement Co., J. E.

Guerin & Co., J. S.
Holland, J. P.
Lennon Co., J. E.

Lilly & Thurston
Co.
Meyer, Adolph

Pacific Portland
Cement Co.
Standard Portland

Cement Co. &
Waterhouse &
Price Co.

Western Lime &
Cement Co.
Chinnays, Patent

Clawson, L. F.
Dresser - McDon-
nell Co.

Dunley & Gettle
Hughes, H. J.
Cold Storage Issu-

ance
Van Fleet, M. V.
Concrete Contrac-

tors.
Amorsen C.A. & T.
Barrett & Hill

Camp & Carillon
Chase, S. A.
Crecent Concrete

Co.
Dillon, H.
Gass Bros. Co.

Gneco, M. H.
Grussel, Herman
Hansen & John-

son.
Haun, C. C. W.
Hurley, P.

Leonard, J. P.
McCabe & Brown
Mission Concrete

& Mosaic Wks.
Monorelli, John
Nilson & Arras

New Era Marble
& Concrete Co.
Nugent, Robinson

Peterson & Co.,
Chas. T.
Rasmussen, A.

Riboni, Henry
San Francisco
Concrete Co.

Schlosser, Max
Schmidt & Son, J.
Sundberg & Seno

Sparks, John
Sznok, Francis
Thomas & Sands

Western Lime &
Cement Co., W. M.
Zimmerman, L. M.

Concrete Machy.
Racon & Co., E. F.
Lloyd Mather, Co.

Langing Co.
Lilly & Thurston
Co.

Livermore Co.,
Norman B.
Contractors' Im-

plement.
A. L. Young Ma-
chinery Co.

Benjamin, E. B.
Deming, F. R.
Lansing Co.

Langford, Pelts &
Langford, Pelts &
Ornstein - Ar-

thur Koppel Co.
Carnegie Works
Cornice

Works
Atlas Heating &
Ventilating Co.

Barth Cor. Wks.
Capitol Sheet
Metal Works

Conley & Roberts
Crown Cornice
Works

Guilfoy Cor. Wks.

Comyns & Nygren
Forder, Cornice
Works

G. & M. Sheet
Metal Works.
Hubert & Co.

Metal Works.
Hughes, H. J.
Humbelle Bros.

Idol Cornice Co.
Korell & Co., J. A.
Modern Sheet

Metal Works
Morrison & Co.
Olive & Leary

United Metal
Works
Western Furnace

& Cornice Co.
S. F. Metal Stamp
& Corr. Co.

Crude Oil Burners
Bill & Jacobsen
Sherman, Kimball

& Co.
Crushed Rock.
Hay Devel. Co.

Cal. Building Ma-
terial Co.
Cassarotto, John

City Supply Co.
Henderson, A. L.
McMullin, A. L.

Simon-Fout Brick
Co.
Star Contracting

Company.
Standard Crushed
Stone Co., E. B.

A. L.
Western Develop-
ment Syndicate

Damp Proofing.
Bickley, P. J.
Fox, John L.

Imperial Water-
proofing Co.
Reagle & Jamel

Taylor, L. J.
Whittier - Coburn
Company.

Door Opener non
Closer.

Rischmiller, Geo.
Fischer Electric Co.
City Electric Co.

Pac. Gas & Elec.
Company.

Electric Wiring &
Equipment.

American Elect.
Eng. Co.

Cal. Elec. Constr.
Central Elec. Co.

City Protective
Electric Co.

Decker Electrical
Construction Co.

Farnsworth Elec-
trical Works.

Constr. Co.
Globe Electric

Hampden, W. S.
Kirsten, W. H.
Lauder, H. I.

Leah Electric Co.
Manhattan Elec-
tric Co.

McCall Elec. Co.
National Electric
Co.

Newberry - Bend
heim Elec. Co.
Pac. Fire Ex-

tension Co.
Ridley, A. F. R.
Ridley, A. F. R.

Schmitzschek, M.
Standard Elec Co.
Turner Co. The

Van Elec. Co.
Weidenthal - Gos-
liner Elec Co.

Wiel Electric Co.

Elevator Builders

S. F. Elevator Co.
Van Popen Eleva-
tor Co.

Estimator.

Crosett & East-
man
Dillon, H.
Foshburg, R. L.

Ferguson, W. H.
H. J. Hodge, H. J.
Morser, E. J.
Pridmore, E. J.

Fluors, Composit-

Arthurs Mfg. Co.
Bender R. & P. Co.
J. W.
Dwan Co., J. E.
Fluorstone &
Roofing Co.
Fluorite H. & P. Co.
R. H.
Malott & Peterson
Goodman, A. K.
Watsonite Co.

Fluors, Hardwood
Hardwood Int. Co.
Inland Floor Co.
Pac. Floor Sand-
ing Co.

Galvanized Iron.
Baker & Hamill-
ton
Herger Mfg. Co.

Gas Fixture.
Day Co., Thomas
Gas Heating Sys-
tem

Reactor System
Gas Heating Co.

Gasoline Tanks &
Pumps.
Daming, E. R.

Glass & Glazing.
Cal. Plate & Win-
dow Glass Co.

Cohen, I.
Fuller Co., W. P.
Grosslicht & Din-
nane

Habenicht &
Howlett
Mission Plate &
Window Glass Co.

Pioneer Plate &
Window Glass Co.

Schwarz & Gott-
lieb
United Glass
Works (Inc.)

Grading.
Brantley, J. P.
Rutten, I. V.
Carlin Bros.

Cassaretto, John
Lucinacini & Co.,
L.

Dillon Teaming
Co.

Georgi Co., G.
Hartnett J. D.
Holland, J. P.
Lennon Co., J. E.

Letler, Fred
McGinty &
Monahan

Montague Co., P.
O'Day Co., Dan'l.
O'Donnell, Philip
Pico, Edw. F.

Rehman & Woods
Schmid, A.
Shiley Grading &
Teaming Co.

Star Con. Co.
Wright Co., I. H.

Granite Carbing.
Graham Granite
Co.

Lead Granite Co.,
W.
Pacific Granite Co.
Placer Granite Co.

Gravel.
Hay Devel. Co.
Cal. Building Ma-
terial Co.

Cassaretto, John
City Supply Co.
Standard Crushed
Rock Co.

Shaw Contracting
Company
Stone Co., E. B. &
A. L.

Hardwood Deol-
ers.
Inland Floor Co.
Hardwood Inter-
ior Co.

Wood Lumber Co.,
R. K.

Hardware, Dealers,
Baker & Hamill-
ton

Bennett Bros.
Brittain & Co.
Krusse, J. H.

Joist Bros.
Meyer, Adolph
Norman & Sons,
F. G.

Pacific Hardware Co.
S. F. Hardware Co.
Smith Co., P. A.

Hay & Grains
Algering, E.

Heating & Ventila-
ting.
Alhbach & Mayer
Atlas Heating &
Ventilating Co.

Kiernan & O'Brien
Hurlbut, J. C.
Lawson, Herman
Looney Co., J.

Margum & Otter
Snook & Co.,
Fred W.

Turner Co., The
Houses Movers &
Removers.

Hatch, H. L.
Pearson, N. H.
Sullivan, D. J. & T.

Inland Floors.
Hardwood Inter-
ior Co.

Inland Floor Co.
Pac. Floor Sand-
ing Co.

Iron Foundry.
Entarissa Found-
ry Co.

Steiglitz & Kerr,
Stove & Found-
ry Co.

Iron & Steel.
Baker & Hamill-
ton

Dawson & Noyes
Lucifer Mfg. Co.
Pacific Coast Steel
Pipe Company

Trussed Concrete
Steel Company,
Woods & Huddart

Iron Works.
Brode Iron Wks.
Dyer Bros.

Burkha Wire &
Iron Wks.
Glazier & Kloaras

Golden Gate Iron
Works
Hillard Co., C. J.

Kerr & Pfister
Michel & Pfister
Monarch Iron
Works

Ralston Iron
Works
S. F. Iron Works

Sartorius Co.
Shaw's Iron
Works

Security Iron &
Wire Works
Steiglitz & Kerr

Stove & Found-
ry Co.
Valley Iron Wks.

West Coast Wire
& Iron Works
Western Iron
Works

Zenith Iron Wks.
Kortek - Falls
Mfg. Co.

Lilley & Thurston
Roman Co., C.
Wardhouse &
Price Co.

Western Hidra.
Supply Co.

Lathers, Wood &
Metal.
Balzke, Robt.
Edwards, H.

Hayden, Fred
Lynch, Richard
McGee, E. T.

Raymond, Wm. H.
Snell & Dennis
Ward, J. E.

Lime & Plaster
Dealers.

Arden Plaster Co.
Cal. Lime & Hy-
drate Co.

Cowell Lime &
Cement Co.
Gurkin & Co., J. S.

Holland, J. F.
Lennon Co., J. E.
Pacific Portland
Cement Co.

Western Lims &
Cement Co.

Lumber Dealers.
Acme Lumber Co.
Christenson Lum-
ber Co.

Columbia Lumber
Co.
Doe Co., Frank P.

Hardy Lumber Co.
Hart-Wood Lum-
ber Co.

Haupmann Lum-
ber Co.
Krusse Co., J. H.

MacDonald Lum-
ber Co.
Miggins Lumber
Co., J. E.

Loop Lumber Co.
MacDonald Lum-
ber Co.

Moore Mill and
Lumber Co.
Olson Lumber Co.

Mahony
Lumber Co.
Peterson, E. T.

Pope & Talbot
Reinhart Mill &
Lumber Co.

Ryan, George
Sawant Lumber Co.
Valley Mill & Lum-
ber Co.

Santa Fe Lumber
Co.
S. F. Lumber Co.

Schouten & Co., J.
Sunset Lumber Co.

Tierman & Beronio
Van Arsdale-Har-
rington Lumber Co.

Wilson Bros. & Co.
Wall, Jos. P.
Walsh Lumber Co.,
E. K.

Vates, Wm. F.

Manganese Floor-
ing.
Arthurs Mfg. Co.

Bender R. & P. Co.
Dwan & Co., J. E.
Fluorstone &
Roofing Co.

Fluorite H. & P. Co.
R. H.
Goodman, A. K.

Malott & Peter-
son
Watsonite Co.

Mantels, Tiles &
Grates.
Ginsberg Bros.

Kirwan & Dono-
hue

Mangrum & Otter
Peerless Agencies
Co.

Riley, Thos. F.
Watson Mantel &
Tile Co.

Marble and Mosaic
Work.
Gnecco, M. H.

Grassl & Co., P.
Mission Concrete
& Mosaic Wks.

Mission Marble
Works.
Munro Sons-Keen-
an Co.

New Era Marble
& Concrete Co.
Vermont Marble
Co.

Metal Lath.
Atlantic Fire-
proofing Co.

Fire Mfg. Co.
Holloway Metal
Lath Company.
Lilley & Thurston

Metel Stamping
S. F. Metal Stamp-
ing & Corr. Co.

Oil & Grease.
H. J. Hodge, H. J.
Standard Oil Co.

Ornamental Plas-
ter.
Benkman, Ed. G.

Binner, Theodore
Larson, O. F.
Lipp & Co., J. P.

Painters and De-
corators.
Baker Co., W. T.

Bernstein, Wm.
Blum, Louis
Brook & James

Burns Bros.
Clark & Dickson
Cramer Bros.

Connor, E. J.
Copnick, T. W.
Dani, T. H.

Donovan,
Ericksen, John
Hansen, Elbing A.

Lewis, S.
Miller, J.
Miller, Geo. F.

McCubbin, James
Mannig, John
Neal

Quandt & Son
Ruderman, I.
Salisbury, Ben.

Schaffer, Wm.
Simon Nelson Co.
Smith, J. S.

Sovig, C. B.
Spick & Sons.
John H.

Swanson, Peter
Tanner, May
Wagner, Fred

Wagner Bros.
Zelinsky, R.

Paints, Oils, Varn-
ishes, Etc.
Clark & Dickson

Cohn & Co., Mar-
ion D.
Fuller Co., W. P.

O'Brien, J. S.
Paradise Paint Co.
Pratt & Lambert

Whittier - Coburn
Co.

Parent Chinaware
Clawson Co., I. F.

Dresser, McDon-
ald
Hugler, H. J.

Dunlevy & Gertl.
Pile Driving.
Lamburth, C. E.

Planing Mills.
Anderson Bros.
Atlas Planing
Mill Co.

Birth Co., L. H.
Builders' Supply
Depot

Cal. Door Co.
Cal. Planing Mill
Emanuel, L. & E.

(Inc.)
Empira Planing
Herrmann, A.

Herring's Mill
Holden - Deuprev
Lorden Mill Co.,
J. P.

Maple St. Planing
Moore Mill & Lum-
ber Co.

Premus Planing
Reinhart Lumber
& Planing Mill

Ryan, George
Santo Metal Plan-
ing Mill

Santa Clara Val-
ley Mill & Lum-
ber Co.

Spencer St. Plan-
ing Mill
Taylor & Co.

Yanna Mfg Co.
Western Planing
Co.
Vehle & Collins
Vates, Wm. F.

Chalmers, H. A.
(Inc.)
Fay, John

Grassl, Geo. J.
Connell Co., J. E.
Daly, J. H.

Duthie, Chas.
Fraser, Simon
Fry, A.

Gilmour, W. G.
Jacobson, R.
Knowles, A.

Leaf & Kaiser
Lyden & Bickel
MacGraw & Co.

Mowat Donald
Orford, J. A.
Phillips, J. J.

Sexton, T. D.
Terranova, M. J.
The Pacific Plas-
tering Co.

Wagner, James A.
Plumbing and Gas
Fitting.

Alhbach & Mayer
Anton, Thom. W.

Boscut Bros.
Bender, Geo. F.
Condon & Band

Dunn, Nell H.
Empira Plumbing
Co.

Goss, Wm. P.
Grondona, A.
Houston, J.

Kern, F. E.
Kierman & O'Brien
Kirschbaum, W. F.

Lacey Bros.
Lauder, H. I.
Lawson, Herman

Letlich Bros.
Levy Plumbing
Co., M.

Looney Co., J.
May, Gus
McDonald, Leo J.

McLeod, J. J.
Pankerton, J. H.
Paradise, H. J.

Skelly, Thomas
Shaara, John
Snook & Co.

Stewart, James E.
Turner Co., The
Wetzel, Theo. & Co.

Wilson & Co., W.

Plumbers Supplies
Mark-Lally Co.
Nelson Mfg. Co.

Railroad Agent,
Freight & Pas-
senger.

Kent, James B.

Railway Materials
Langford, Felts &
Myers.

Oreinstein - Ar-
thur Koppel Co.

Rigging.
Lamburth, C. E.

Markley, James E.

Roofing, Gravel &
Composition.)
Bender Roofing &
Paving Co.

Cal. Roofing Co.
Cantley Co., J.
Enterprise Roof-
ing Co.

Fluorstone &
Roofing Co.
Flaherty, R. H.

Goodman, A. K.
Irwin Asphalt
Co.

Lawson Roofing
Co.
Lovatt Bros.

Malott & Peterson
Parry & Co., H. M.
Rakeld Roofing
Co.

Samuel Co., H. D.
Tibbets Roofing
Co.
Watsonite Co.

Roofing Materials.
Bird & Son, E. W.

Johns - Manville
Co., H. W.
Parafine Plant Co.

Waterhouse &
Price
Western Asbestos

Magnesia Co.
Western Builders'
Supply Co.

Whittier - Coburn
Co.
Sand, Gravel, Etc.

Barclay Co.
Cal. Building Ma-
terial Co.

Holland, J. F.
McMullin Bros.
Stone Co., E. B. &
A. L.

Western Building
terial Co.
Western Develop-
ment Syndicate.

Sanitary Garbage
Chutes.
Bill & Jacobson

Lead Lining.
McDonald, W. F.

Sheet Metal Wks.
Appman Cornice
Works

Atlas Heating &
Ventilating Wks.
Barth Cornice
Works

Capitol Sheet
Metal Works
Comyns & Nygran

Crown Cornice
Works
Ford's Cornice
Works

G. & M. Sheet
Metal Works
Gulfooy Cornice
Hibernia Sheet
Metal Works

Holler, John J.
Hurabella Bros.
Ideal Cornice Wks.

Korell & Co., J. A.
Metal Works
United Metal
Products Co.

United Metal
Products Co.
Western Furnace
& Cornice Co.

Sidewalk Lights.
Jackson Co., H.

Dwan & Co., J. E.
McGulgan & Co.,
John

Phoenix Sidewalk
Light Co.
Waterhouse &
Price

Stair Builders.
Blashop & Palano
Boller, John J.

Jacobson, J.
Johnson, C. Wm.
Porter, W. F.

Stewart, J. K.

Stationery.
Foster & Short
Wright & H. C.

Steel Bars.
Baker & Hamill-
ton

Dawson & Noyes
Woods & Hud-
dard

Steel Erector.
Schauer, Fred C.

Pioneer Con. Co.
Williams Con-
struction Co.

Street Contra.
Conningham and
Elliot.

Stone Grains
Kawner Mfg Co.
Conningham & Elliot

Structural Steel
Contractors.
Judson Mfg. Co.

Schraeder's Iron
Works.
Western Iron Sup-
ply Co.

Woods & Huddart
Stoves.
Mangrum & Otter
Steiger & Kerr

Structural Steel Contractors.
Brode Iron Wks.
Dwer Bros.
Golden Gate Iron Works
San Francisco Iron Works
Rialston Iron Wks
Vulcan Iron Wks.
Zenith Iron Wks.

Surveyors.
Morser, E. J.
Sanborn & Corin-son
Wetherell, Chas. E.
Teaming & Grading.
Brankin, J. P.
Button, I. V.

Carlin Bros.
Devenenzl & Co., L.
Dillon Teaming Co.
Hartnett, J. D.
Holland, J. P.
Lennon, C. J. E.
Powers, Chas. J.
Luggen, Ernest
McGlinchey & McManan
Montague Co., P.
O'Day Co., D.
Pico Edw., F.
Powers, Chas. J.
Sibley Teaming & Grading Co.
Schmid, A.
Star Contracting Co.

Wright Co., J. H.
Tiling.
Ginsberg & Co., S.
Mangrum & Otter-
Fees See Agency-
Co.
Tile Mfg. Co.
Watson Mantr & A.
Vacuum.
Bill & Jacobson
Hyde & Henry C.
United Elec. Co.
Sherman, Kimball
Wall Heds.
Marshall - Stearns Co.

Water Company.
Spring Valley Water Works.
Whitewashing.
Simon Neilson Co.
Brickley, P. J.
Reids & Jamelson
Taylor, L. A.
Window Cleaning.
American Window Cleaning Co.
Progressive Win-
dow Cleaning
United Window Clean Co.
Windows, Patent.
Birth Co., L. H.
Simplex Window

Electrical.
American Elec-
trical Engi-
neering Co.
California Elec-
trical Works.
Central Electric Co.
City Electric Co.
Decker Electric Co.
Globe Elec. Co.
Levy Elec. Co.
National Elec. Co.
Otis Elevator Co.
Vais Emon Eleva-
tor Co.
Fibre.
S. F. Fibre & Cord-
age Co.
Fireproof Doors.
Gervais, Henry.
Norris, L. A.
Roehling & Sons.
John A.

**Heating & Ventilat-
ing.**
Burnham Plumb-
ing & Heating.
Cronan, Wm.
Mangrum & Otter
Montague, W. W.
**House Moving &
Relating.**
Blume, Con'g's Co.
Pearson, E. K.
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Inland Floors.
Hardwood Inte-
rior Co.
Inland Floor Co.
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Sanding Co.

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Lorenz, Schmaer
& Co.
Michaels & Pfeif-
er
Monarch Iron
Works.
Pacific Rollm
ing Co.
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Works.
**Joint Hangers &
Past Caps.**
Kortick - Falls
Mfg. Co.
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Co.
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Supply Co.

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Store Fronts.**
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Co.

Lathers.
Lynch, R.
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City Electric Co.
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tricity Co.
Lime Cement, Etc.
Acme Cement
Plaster Co.
Alameda Plaster Co.
California Lime &
Hydrate Co.
Cowell Lime &
Schnebl, H. A.
Holland, J. P.
Holmes Distrib-
Lennon, Jas. E.
Lucas, W. E.
Pac Lime & Plas-
ter Co.

Glass and Glazing.
Cal. Plate & Win-
dow Glass Co.
Cohen, H.
Cobbledick Glass
Co., L. N.
Friedman Bros.
Fuller, W. P. &
Co.

Habenicht & Hawlett
Holland, J. P.
Schwarz & Gutt-
leth (Inc.)

Glass and Glazing.
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cial Stone Co.
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Cronan, Wm.
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Guilfoyle Corneice
Works
Apparatus Corneice
Works
Heldt, Wesley.
Morrison & Clark.
S. F. Corneice Co.
Western Furnace & Corneice Wks.

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Snell & Dennis
Raymond, W. H.

Corbling, Granite

McLeneagan, S. B.
Damp Proofs.
Rickleby, P. J.
Reigle & Jamison

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Lang & Bergstrom

Letter, E. T. & Son.
Lynch, M. C.
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Stockholm & Al-
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White Bros. (car-
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Works
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Corbling, Granite

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Damp Proofs.
Rickleby, P. J.
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Gervais, Henry.
Norris, L. A.
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John A.

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Acme Cement
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Alameda Plaster Co.
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Lucas, W. E.
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wig
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bray
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lins
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lips
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Walker, E. J.
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Co.
Gervais, Henry

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Co.

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Mosale.
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Co.

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— THIS WEEK'S ILLUSTRATIONS: —

Synagogue For First Hebrew Congregation
Of Oakland. Designed By G. Albert Lans-
burgh, San Francisco.

The New Belgravia Apartments, San Fran-
cisco. Designed By Architect Frederick H.
Meyer, San Francisco.

WEDNESDAY, APRIL 29, 1914.

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**Combination
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" " "	"	to	$1\frac{1}{2}$ inch
" " "	"	to	$2\frac{1}{4}$ inch

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Roofing Gravel to 1-2 inch Cobble Stones for Bungalows.

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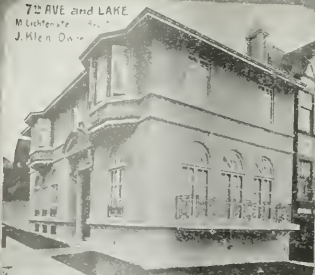
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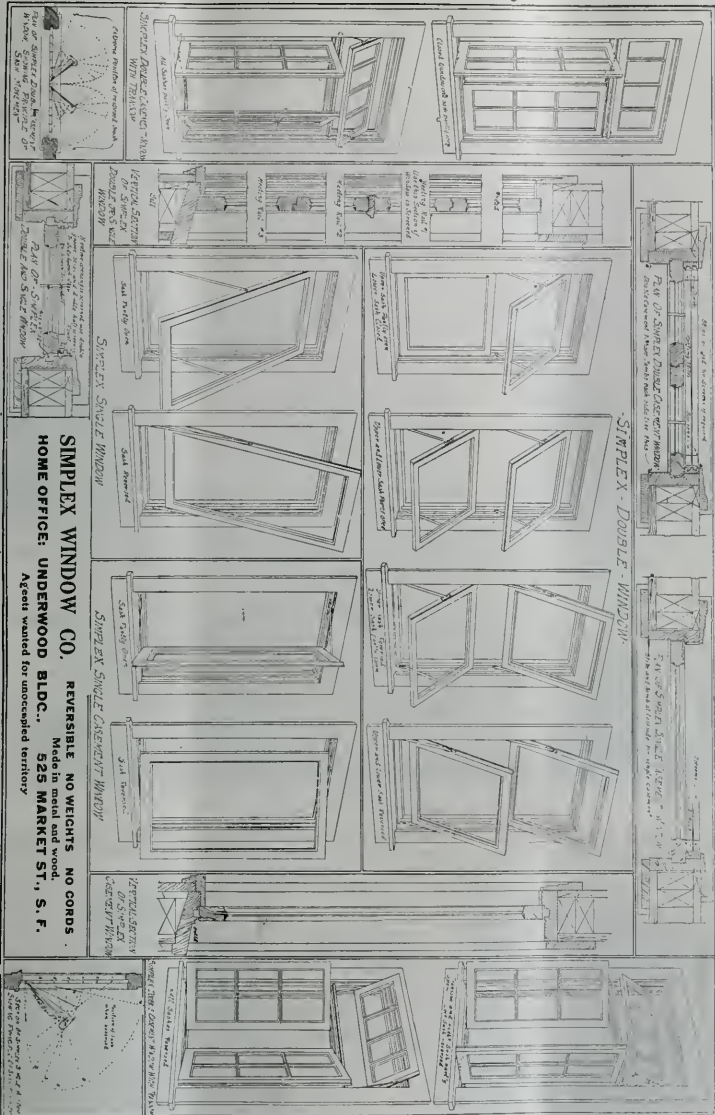
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Editorial Comment.

The battle ships and colliers steaming out of the Bay of San Francisco on the errand of war reminds us that after all the human race is much unchanged since the world began. That the law of might still obtains in the final analysis and that civil law is dependent in the end upon the capacity of the fighting men and the material wealth of the nation. The incident in Mexico is merely an incident so far as this country is concerned. What complications it may lead to no one knows but the situation is such that it looks like there will be little or no notice taken of it by the outside world.

It is a strange thing to contemplate the war footing maintained by the great powers of the world. Half of the wealth produced by the great nations is spent in maintaining preparedness for war. And one nation will not disarm because the other might take advantage of it when it was unprepared.

Mexico and the people in control in the Southern republic can only be brought to a sense of responsibility by armed intervention. It is time wasted to moralize with them. And the only question is whether or not there will be any one strong enough to maintain a stable government even after things are in a degree pacified.

Those citizens of Mexico who desire peace and security should welcome the coming of the military of the United States. For they can expect no security of life and property under present conditions. And whether or not such a protectorate is established as was established in Cuba, in any event the coming of some constructive people that will assume control and hold in subjection the bandits that infest the country will be a hundred times better than present condition.

General Huerta is reported as stating that Mexico will have 400,000 men in the field in twenty days to repel the hated Yankee invader. This statement is perhaps on a par with his previous acts. Judged by the Mexican standard of morals it is impossible for them to believe that President Wilson's action is inspired by any thing but selfish motives. So it seems like the thing that was sought to be averted has happened at last and that armed intervention on the part of the United States is all that can be expected to effect any hope of peace and protection of lives and property in that country.

What can be expected of Huerta, who assumed power by the assassination of his chief who represented the only legitimate head of the republic? What can be expected of Villa a blood thirsty bandit whose record is red with

numberless murders? And under such leaders as these are the people to rally to repel the hated Yankee, whose chief offense is an effort to compel them to be decent and respect the lives and property of the citizens of this nation.

Judged by their own standard of morals it is impossible for these men to understand the action taken by President Wilson. Criminals that they are they consider courtesy to be weakness and honor a thing to be taken advantage of when the opportunity offers. The only way to deal with them is with the nailed fist, and the sooner they are landed on, the better for all concerned.

The Sacramento Bee quotes the Highway Commissioner of Colorado as being in favor of convict labor on highways and reports that his state has secured good results from such labor. Credits are given to the convicts employed in that they have their terms reduced by meritorious work on the state's highways.

This is a sensible way to employ the criminal class. For the country can never have too many good roads and no matter what amount may be expended for this purpose there is always room for improvement. No class of laborers could have legitimate objection for thus employing convicts.

Good roads like cheap transportation benefits everybody. They increase the farmer's output and his profits. As a result the general wealth of the country is increased and improvements go on apace. They make possible the development of mines and open timber lands and any increase in the number of good roads or their improvement materially helps the whole commonwealth.

And further than that there is a good effect on the criminal classes themselves. There is some incentive for good work, and they are employed in the open air on constructive labor. On the whole the plan seems to have worked well where it has been tried and could be well followed.

General Villa is reported to have refused to fight against the United States. May this not be because he still wants to import arms and ammunition from this country since they are stopped from other sources by the United States fleet?

The old adage of the Ancients was to "Beware of the Greeks when they bring gifts." In present language it would be "Beware of the Mexicans at all times." For the only cohesion that the army of Mexicans have is loot, their only desire to fight and plunder. One thing seems to be reasonably certain and that is that events from now on will move reasonably fast and that the next year or two will witness some kind of restoration of order.

The World Importance Of Nitrogen.

The Uses of Nitrogen—Why the Earth's Supply Must Continue and Increase
—The Nitrogen Problem—The Fixation of Nitrogen.

By Herbert R. Moody, Ph.D.

Associate Professor of Analytical and Applied Chemistry, College of the City of New York.

How many of the readers of this publication have ever stopped to think what the source of all vegetable growth really is? Does the reader know that vegetation builds into its structure - metabolizes - elements, belonging to the mineral or inorganic kingdom?

In addition to the oxygen, hydrogen and carbon which plants build up into their structure and from which they obtain from water and the carbon dioxide of the air, they need in varying proportions phosphorus, potassium, sulphur, silicon, calcium, etc., and they also need nitrogen.

The earth contains certain amounts of these necessary elements and so for a period of years plants may be continuously raised in a given area, but with a steadily increasing exhaustion of the soil and the crops would be less and less bountiful. To be sure some natural replacement would occur as certain rocks or minerals, were they present, would disintegrate and furnish some of the elements—phosphorus, potassium, calcium, sulphur, etc. It is also true that parts of the last crop would be left on the ground, potato vines, beet tops, corn stalks, pumpkin vines, etc., and their constituents would be returned to the soil, but these would not wholly make up for the exhaustion of the land.

For generations it has been known that the farm must be manured or fertilized in some manner. Bone meal, bone ash, or bones had been put on to supply the phosphorus; lime to supply the calcium; and wood ashes to furnish potassium. To the soil has been added stable and hen manure, the contents of the outhouse and garbage heap, etc. In such ways much of the material that the plants had extracted from the earth had been returned. Still there was exhaustion. In the last generation the discrepancy between what was taken out and what was returned has increased. Why? Because what might be called "The Cycle Life" of the farm has been destroyed. No longer is all the hay that is raised on a farm eaten by the cattle there. No longer are all the vegetables that are raised on the farm eaten on the place or even in its locality. No longer, then, is a large percentage of the corresponding garbage and excreta returned to the soil of any particular farm. Today population is crowded into cities, whence all garbage must be carried away immediately and all excreta must be water carried to the sea.

Tremendous loss is due to the sewage item alone. Sir William Crookes estimates that the waste fertilizing material lost to England alone through water carried sewage amounts to the almost incredible sum of \$80,000,000. Such waste as this, together with increased needs of man, has made necessary a new industry—the fixation of nitrogen.

In early days, with a virgin soil had a chance to return much of the plant-absorbed material to the ground, the exhaustion was not noticed, but today the need of artificial fertilizers is seriously increasing. The following figures show the vital necessity of bringing material from afar that the land may be kept fertile. French crops use annually (1906) 600,000 tons of nitrogen. If all stable manure were returned to the soil, there would be but 327,000 tons of nitrogen returned (and all does not go back). In addition to the foregoing, note that France used 230,000 tons of Chili nitre, which is equal to 31,200 tons of nitrogen. Now the deficiency of 273,000 tons (600,000 less 327,000) is thus only 11 plus per cent made up by nitre. Hence there is impoverishment even with a supply of nitre to draw upon. It was estimated that thirty years from that date the average acreage yield of 12.7 bushels of wheat would have to be increased to 20 bushels. To make this increase per acre of 7.3 bushels would require the addition of one and a half hundred weight of nitre, per acre, per year. The acreage for wheat at that time was 163,000,000. On these were raised 2,670,000,000 bushels. To raise this to the required 3,260,000,000 bushels would require 12,000,000 tons of nitre.

The three principal ingredients of artificial fertilizers are phosphorus, potassium and nitrogen. It has always been easy to obtain a sufficient supply of both phosphorus and potassium and their production forms the basis of two great industries.

The phosphorus is supplied by bones, from which there is a never failing partial supply of phosphorus, and also by phosphate rock, which in many parts of the world occurs in apparently inexhaustible quantities. Both bones and phosphate rock are largely composed of phosphate of calcium and a simple treatment renders it soluble in plant juices—a necessary step if they are to be used to the best advantage as fertilizers.

The potassium is obtained from salts of potassium which occur in large deposits in Germany. A little of it is also being extracted on our Pacific slope, where in a California desert it is reported to have been found in commercial quantities. On the west coast it is extracted from kelp, which is dredged up from the ocean bed.

Nitrogen, the third ingredient, offers a more perplexing problem. It is chemically lazy; chemists call it "inert." Its principal use in the atmosphere is to dilute the oxygen. In pure oxygen, fire once kindled would be unlikely to go out until all was consumed. Even iron burns in oxygen. A small animal breathing pure oxygen wears out his life in a short time.

It is this property of inertness which keeps nitrogen from easily becoming a part of the plant structure. Before it can be used the element must be chemically combined, unless the plant be of one specific variety. This plant

family can absorb free nitrogen and the growth and decay of its members has been one way in which combined nitrogen has been stored up in the earth. The other contributing cause has been lightning, which is able to cause the nitrogen and oxygen of the air to combine chemically. By these two means a store of what is called "available nitrogen" has been formed in the earth. All varieties of plants could draw from this store and animals ate the vegetation and so incorporated nitrogen into their structure. Now this nitrogen combined in vegetable structure, together with such salts as nitrates and salts of ammonia, is "available nitrogen" since all these forms can be the starting point of the so-called "nitrogen cycle." This cycle consists in the change of animal or vegetable nitrogenous matter into ammonia, the ammonia into nitrous acid and this later into nitric acid. As a salt of nitric acid—a nitrate, the nitrogen may be absorbed by plants. Then the nitrogen in the plant may go through the foregoing changes and the cycle repeated.

Either vegetable or animal matter if piled up and kept moist and somewhat warm, through lack of radiation, will ferment, as it is ordinarily called, many are familiar with the odor of ammonia in a stable, that is the first step in the cycle. Doubtless many have noticed a white efflorescence on stable manure or on the stable wall against which the manure has been piled. That is "nitre"—a nitrate of potassium or calcium or sodium, and it is the result of the combination of the third product of the cycle with whatever base happens to be at hand. This is the finish of the cycle—nitrogenous matter in the manure, ammonia forms from it, nitrous acid from the ammonia and nitric acid (in the nitrate) from the second product. Plants can absorb this final product and then the nitrogen can go through again all the stages mentioned.

No if we kept all that was raised on a farm upon that farm, returned all waste, buried our family and the animals in the fields—theoretically at least, no nitrogen bearing matter need be added to the soil. It has already been seen that old fashioned farm life could not wholly accomplish this and modern life cannot do it as well, so we must replenish or starve in the future.

A remarkable example of complete destruction of fertility is shown in Asia Minor and the Holy Land. Innumerable wars and persecutions have prevented systematic fertilization, all plant food has been taken out and little or none returned to the land. As a result much of that section has been reduced to the condition of a desert. Professor Andrew D. White estimates that in the world "a total area equal to that of a first-class European country has been impoverished to such an extent that it is doubtful if anything but a geological change can ever restore it to agricultural use."

We have now seen that enormous quantities of nitrogen combined in organic material, or as ammonia salts or as salts of nitric acid are needed to keep the fields as productive as they were originally. And still greater quantities are needed to raise the increased crops necessary for the increased population. Besides this the world is using enormously increasing quantities of nitric acid compounds for explosives both or war-like preparations and for peaceful arts, such as mining, quarrying, and excavating. In addition our dye industry has been entirely changed since the last generation. Formerly we relied on animal and vegetable colors; now we produce them from aniline. A whole class of these new dyes are called "azo" dyes from the fact that they contain nitrogen in their structure.

By this time it must be evident why we speak of the nitrogen problem.

Where are we to find the sources of nitrogen which are needed for all of the foregoing purposes?

There are \$1,000,000,000,000 tons of nitrogen in air over the United States and naturally a proportionally greater weight over the rest of the world. But nitrogen, as has been said, must be induced to join with some other element or elements before it is useful. With this one exception: Pod-bearing plants were long known to flourish where other crops failed. Recall the beach-pea and think how little nourishment it can get from the sand in which it grows. For some time this was not understood. But recently improved bacteriological methods showed that on the roots of such plants colonies of bacteria lived and "fed" the atmospheric nitrogen to the plant. Thus the presence of much "available" nitrogen in virgin soil is accounted for—stored up in past ages through the life and decay of such plants. The government (and business houses also) now provide cultures of these nitrogen fixing bacteria and soils in which they are not naturally present may be impregnated with them.

For all other plants, nitrogen must be provided either in a form which will change to nitrates, or in the nitrates themselves. Before we begin to see how such compounds can be made by electro-chemistry let us see what sources there have been before the recently devised processes of "fixing the nitrogen of the air" were invented.

Nitrogen, as has been already said, is returned to the soil, to some extent, in stable manure and household refuse. In addition we have guano (bird excrement from rainless islands off South America), animal refuse, scrap skin, hair, butchers' scrap, blood, tannage, fish scrap, etc. These are used in large quantities. This country produced 18,000 tons of dried blood in 1910, costing \$567,900, and used even more. It used 47,000 tons of guano, costing \$822,500. Each year there are 703,525,500 pounds of food fish caught in this country. Twenty-five per cent of this is waste. So there is produced in the United States alone 175,881,375 pounds of fish scrap. This, too, is an excellent source of nitrogen.

Coal, too, is a source of nitrogen; it contains 2%. When coal is distilled to make coal gas most of this nitrogen appears as ammonia or its salts. In this industry, and the allied coke in-

dustry, there have been unbelievable wastes. Formerly little attempt was made to catch the nitrogen compounds, although the process is simple. The following figures will give an idea of how much nitrogen was wasted. The figures were compiled by Professor Charles Parsons.

In 1911 over 406,000,000 tons of bituminous coal were mined in this country. In it was \$160,000,000 worth of recoverable nitrogen and yet only \$3,800,000 worth was recovered. Pennock states that from 1893 to 1910 enough coal was coked with entire waste of the nitrogen in it to have yielded 9,315,000 tons of ammonium sulphate worth \$558,900,000.

Added to these sources of nitrogen has been "saltpeter" formerly made almost entirely in tropical, more or less rainless countries. There potassium nitrate was cultivated by spontaneous or "assisted" action of bacteria upon nitrogenous organic matter. Potassium nitrate was the product of this action.

The greatest source of all is the famous Chili nitrate field. Here a geological upheaval cut off an arm of the sea. It is a rainless country. The water evaporated and left a mass of organic matter, salts of sodium and other metals. The nitrogenous organic matter went through the "cycle," with which we are familiar, and sodium nitrate was the result. This material is found in a desert 430 miles long and of variable width. The deposits vary in depth from a few inches to 16 feet. A simple process of solution, filtration and crystallization gives us Chili nitrate, more recently indispensable. The new processes make it possible for us to view now with some complacency the diminishing supply from Chili.

This substance was first excavated in 1823. A ship load of it could not be sold in England and had to be thrown away. In 1830, 1,000 tons were produced; in 1870, 150,000 tons in 1911, 2,400,000. The world paid \$100,000,000 for Chili nitrate in 1911, and this country paid \$20,000,000 for its share. It is expected that in 1915 the world will consume 10,000,000 tons, which will be worth \$150,000,000. This product constitutes 80% of Chili's export and furnishes 60% of its government's revenue.

Authorities differ as to the length of time this wonderful source of nitrogen will last. A Chilean commissioner in 1907 placed it at centuries from that time. The Nitrate Prompaga Association place it at 50 years. Others set the date of exhaustion at 1940.

The foregoing will have shown how much available nitrogen is needed and how inadequate the supply soon will be. Is it any wonder that chemists have been working on, and are still busy solving this great problem of making available the inexhaustible, but inert, nitrogen which is all about us?

Power was the crucial factor, and in the next issue we shall show how by some of the greatest engineering feats of modern times power has been transformed into a proper form of energy to act upon the nitrogen and make it inert as it is, combine and so become available.

This is chemical fairy land. These industries are transforming quiet,

lonesome valleys into bustling, humming industrial centers. They are replacing a few isolated farmers' huts by modern beautiful cement dwellings placed along orderly streets. They are doing more, they are saving our descendants from actual starvation which would surely come if no means had been found to return nitrogen to the land.

The Nitrogen Problem is being solved!

Eight years have elapsed since the great conflagration of 1906. Perhaps the greatest fire in the world's history it has been followed by the greatest rebuilding period. And that under labor conditions that obtained nowhere else in the world. The great monuments of history, the pyramids and temples, the great wall of China and the Taj Mahal have been the products of slave labor. Behind the splendid architecture is blood of thousands of human beings. But in the structures of San Francisco is the labor of mechanics, who have received the wage for their skill. So that in the rebuilding of the city the major part of the money has gone to the homes of the laborers, the skilled artisans and the mechanics. The past eight years has witnessed the expenditure of hundreds of millions of dollars in the rebuilding of our city. While it is not altogether what it might be, still it is a city of which we may well be proud.

EXPOSITION NOTES.

Henry Bacon, one of the leading architects of New York, is now on his way to San Francisco to superintend the finishing of the great Court of the Four Seasons, which will be the first of the five courts to be completed.

Plans for the pavilions of Massachusetts and the Philippines were approved March 31 and the actual work will begin in a few days. Idaho's building is almost completed and New York probably will have the distinction of having the second state pavilion to be finished. Honduras has completed her pavilion, which is on a site commanding the foreign and state areas.

Paint From Beans.

From Manchuria comes the invention of a new paint that is both waterproof and fireproof in addition to being cheap and durable. "Solite" is the name of this new product, and three months after its introduction it found a ready market in Shanghai, Harbin and Tientsin. It is reported that the Japanese navy is testing it with a view to adoption. "Solite" is made from bean oil which is produced in tremendous quantities in Manchuria.

An 1,800 Years Old Egg.

An egg which cannot be said to be fresh is one which dates from 1,800 years back. It was found during recent excavations made at Nikopolis, in the tomb of an 11 months old child, Sextus Rufus. Already more than 80 tombs have been explored by the archeological service in this ancient city, which was built to commemorate the battle of Actium. Among the finds are a quantity of gold jewels, also pottery and lamps ornamented with elegant figures in relief.—Scientific American.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will send such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 2 story and base, frame. Cost not stated. Architect, M. J. Welsh, 22nd and Mission streets. S. F. Owner, L. Cella. The building will be erected at the corner of First avenue and Hugo street and has been designed to contain four suites of four rooms each with bath. Interior finish will be of pine with some elm panels and hardwood floors. There will be an automatic water heater in each apartment. Bath rooms will have tile wainscot and composition floors. Wall beds are specified. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Apartment house alterations, 2 story, frame, \$10,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, J. H. Diekmann. The present building located at the corner of California and Laguna streets will be altered from a flat building into a modern apartment house. When complete there will be eight apartments of two and three rooms. The work will call for new interior partitions, interior finish, hardwood floors, plastering, plumbing, electric work and painting. Exterior of the building will also be refinished. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Apartment house, 3 story and base, brick and frame, \$18,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, C. F. Renz. The building will be erected on Alcatraz avenue and has been designed to contain stores on the first floor and a number of modern apartments on the second and third floors. Interior finish will be of pine and redwood with some elm panels. There will be steam heat and a hot water supply. All suites will have wall beds and private bath rooms. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

RICHMOND, CONTRA COSTA CO., CAL.—Apartment house, 2 story and base, brick, \$17,000. Architect, M. J. Welsh, 22nd and Mission streets, S. F. Owner's name withheld. The building will be erected on Macdonald avenue near 10th street, and has been designed to contain stores on the first floor besides the entrance to the apartments. Upper floors will contain about 30 rooms arranged in three and four room suites with baths. Interior will be finished in pine throughout. There will be steam heat and a hot water supply. All suites will have wall beds and private bath rooms. Bath rooms will be finished in tile. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SEATTLE, WASH.—Apartment house, 5 story and base, brick, \$100,000. Architect, John Graham, Lyon Bldg., Seattle. Owner, D. R. McKay. The building will be erected at the

southeast corner of 7th avenue and Pike street and will cover an area of 80 by 120 feet. Interior has been designed to contain seventy-six suites of two and three rooms with baths. All apartments will have wall beds. Interior finish will be of pine and hardwood. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior will be faced with pressed brick. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$15,000. Architect, Arthur G. Scholz, Phelan Bldg., S. F. Owner, John Bayles. The building will be erected at the southeast corner of Third avenue and Hugo street, having a frontage of 35 feet and a depth of 86 feet. There will be a total of twelve suites of three and four rooms. Interior will be finished in pine with some elm panels and oak floors. All suites will have wall beds and private bath rooms. Plans provide for steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and subfigures are being taken on the various parts of the work.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$24,000. Architect, E. H. Denke, 1317 Hyde street, S. F. Owners, Mrs. and Dora Kollander. The building will be erected at the southeast corner of Franklin and Sacramento streets, covering an area of 39½ feet by 75 feet. There will be a total of six apartments of three and four rooms with private baths. Interiors will be finished in pine, redwood and elm. Oak floors will be used in the principal rooms. Plans provide for steam heat and a hot water supply. Portable vacuum cleaners will be installed. All apartments will have wall beds. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. A brick veneer base will be used. Plans have been revised and new figures will be called for at once.

SANTA MONICA, LOS ANGELES CO., CAL.—Apartment house, 3 story and base, Class C construction. Cost not stated. Architect, A. C. Martin, Higgins Bldg., L. A. Owner, Thomas Higgins. The building will be erected at the corner of Second and Arizona streets, covering an area of 75 by 100 feet. There will be a total of 75 rooms arranged in two and three room suites. Interiors will be finished in pine, redwood and some hardwood veneer. Oak floors will be used. There will be steam heat, a vacuum cleaning system, hot water supply and wall beds. All suites will have private bath rooms. Bath rooms will be finished in tile and will have composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 3 story and base, Class C, \$15,000. Architect, L. T. Mayo, Van Nuys Bldg., L. A. Owner, Mrs. Dora Reddin. Contractor, L. T. Mayo, Van Nuys Bldg., L. A. Contract price, \$15,000.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick, \$30,000. Architects, Garrett & Farrell, Currier Bldg., L. A. Owner, H. A. Pierce. Contractors, Atlas Construction Co., Grant Bldg., L. A. Contract price, \$30,000.

LOS ANGELES, CAL.—Apartment house, 3 story and base, Class C construction, \$30,000. Architect, L. L. Jones, Central Bldg., L. A. Owner, Herman Gutterman. Contractors, W. W. La Vanway and Adams, Maryland Apartments, L. A. Contract price, \$30,000.

BANKS.

SACRAMENTO, CAL.—Bank, 1 story and base, reinforced concrete, \$25,000. Architects, Seadler & Hoen, Forum Bldg., Sacramento. Owners, Oak Park Branch of the Sacramento Bank. The building has been designed in the classic style and will be practically fireproof in construction. Reinforced concrete floors and walls and metal lath and plaster interior partitions are specified. Interior will be finished in pine, hardwoods and ornamental plaster. There will be steam heat, ornamental iron and bronze and special bank fixtures. Exterior of the building will be faced with cement plaster. Plans are being prepared.

LOS ANGELES, CAL.—Bank and offices, 7 story and base, Class A construction. Cost not stated. Architects, Reid Bros., California-Pacific Bldg., S. F. Owner, Hulett C. Merritt. The building will be erected at the northwest corner of 8th and Spring streets, covering an area of 60 by 115 feet. There will be a number of stores in the first floor, banking rooms on the second floor and offices on the upper floors. The entire seventh floor will be occupied by the Merritt Co. Construction will be of steel and brick with reinforced concrete floors and roof slabs. The stories will be considerably higher than usual and the building will have an extreme height of 115 feet. Interior will be finished in pine, hardwoods, metal trim and marble. There will be special bank equipment and vaults. Exterior of the building will be faced with pressed brick. Plans are being prepared.

BRIDGES AND DAMS.

VALLEJO, SOLANO CO., CAL.—Bulkhead work, crushed rock and earth, \$100,000. Engineer's name not given. Owners, City of Vallejo. Bids are now being called for on the second section of bulkhead to be erected in Vallejo. Plans and specifications can be secured from the City Clerk. Bids will be opened on May 1st.

REDDING, SHASTA CO., CAL.—Bridge, steel and concrete, \$50,000. Engineer, A. V. Saph. Redding. Owners, Shasta County. The City Trustees of Redding, Shasta County, formally approved plans for the Reid Ferry bridge which were awarded by Engineer A. V. Saph. Approval of the State Highway Commission has also been given. The bridge will cost in the

neighborhood of \$50,000, leaving the sum of \$10,000 for construction of approaches. An official notice will be published at once.

CHURCHES.

SAN FRANCISCO—Church, 2 story and base. Class C construction, \$50,000. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owners, Second Church of Christ, Scientist. The building will be erected on property at the corner of Dolores and Cumberland streets, and has been designed in the classic style. There will be a large main auditorium seating 900 people, study rooms and Sunday school rooms. Interior finish will be of pine with ornamental plaster. Plans provide for a central heating system, probably steam heat. Art glass windows will be used. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

McMINNVILLE, ORE.—Church, 2 story and base, hollow tile construction, \$25,000. Architects, Jacobberger & Smith, Board of Trade Bldg., Portland. Owners, Roman Catholic Church of McMinville. The building will contain an auditorium seating 600 people, vestry and Sunday school rooms. Interior finish will be of pine throughout. There will be steam heat. Some ornamental plaster and art glass will be used. Exterior of the church will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

COURT HOUSES.

SAN FRANCISCO—City Hall, 4 story and dome. Class A construction, \$4,500,000. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Plans for the plastering, metal lath and metal furring work to be done in the new City Hall have been completed and have received the approval of the Board of Public Works. Plans are now out for figures and bids will be opened on May 6th.

FACTORIES & WAREHOUSES.

OAKLAND, CAL.—Warehouse, 2 story and base, brick and reinforced concrete, \$40,000. Architect, Walter D. Reed, Oakland Bank of Savings, Oakland. Owners, W. P. Fuller & Co. The building will cover a considerable ground area and will be erected at the southwest corner of Third and Jackson streets. There will be cement floor, elevator service, metal window sash and frames. Modern plumbing and electric work will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owners who are taking figures on the work.

LOS ANGELES, CAL.—Warehouse, 4 story and base, brick. Cost not stated. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Mrs. J. S. Van Nuys. The building will be erected at the corner of Pico and San Pedro streets, covering an area of 70 by 170 feet. Construction will be of the extra heavy type with brick walls and mill constructed interior. There will be elevators and spiral chutes. Metal window sash and frames are

specified. Exterior of the building will be faced with stock brick. Plans are now being prepared.

Contracts Awarded.

LOS ANGELES, CAL.—Warehouse, 3 story and base. Class C construction, \$40,000. Architect, none. Owner, Moritz Thomsen. Contractor, Joseph F. Rhodes, Central Bldg., L. A. Contract price, \$10,000.

FIRE HOUSES AND JAILS.

RED BLUFF, TEHAMA CO., CAL.—Jail building, 2 story and base, reinforced concrete, \$25,000. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, Tehama County. Plans for this building have been revised and new figures will be called for at once. The building will be of fireproof construction, and, besides the jail proper, will contain the office of the Sheriff and other officials. There will be separate wards for the male and female prisoners. Plans provide for steam heat and a hot water supply. Interior will be finished in pine. Special jail equipment will be used. Exterior of the building will be faced with cement plaster. Plans are to be refigured at once.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,000. Architect, none. Owner, A. P. Fuhman, 7 Shepard street, S. F. The building has been designed to contain two flats of five rooms each, and will cover an area of 20 by 44½ feet. The building will be erected on the west side of Codman street south of Washington. Interior finish will be of pine and redwood. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with rustic and shiplap. Plans are in the hands of the owner and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, M. J. Welsh, 22nd and Mission streets, S. F. Owner's name withheld. The building will be erected on Fourth avenue in the Sunset District, and will contain two modern flats of five and six rooms. A garage will occupy the basement. Interior will be finished in pine, redwood and elm panels. Hardwood floors will be used in the living rooms and dining rooms. Baths will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, none. Owners, John A. Hoots and Son, 251 Kearny street, S. F. The building will be erected on the west side of Ashbury street near 17th, covering an area of 25 by 64 feet. The will be two flats of five and six rooms. Interiors will be finished in pine and redwood with hardwood floors in the principal rooms. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owners who will do the work by

Day Labor. Materials are now being purchased.

SAN FRANCISCO—Flats, 2 story and base, frame, \$6,000. Architect, Edward F. Helms, 5th avenue and California street, S. F. Owner, C. E. Anderson. The building will be erected on 15th avenue near California, having a frontage of 25 feet and a depth of 85 feet. There will be two modern flats with garage in the basement. Each flat will consist of six rooms and bath. Interiors will be finished in pine and elm panels with hardwood floors in the living rooms, dining rooms and reception halls. There will be open fire places in each living room with tile or brick mantels. Automatic water heaters will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 3 story and base, frame, \$8,000. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, Mr. Shihely. The building will be erected on Rich street near Fourth, and has been designed to contain six flats of four and five rooms. Interior finish will be of pine and redwood. There will be open fire places and tile or stock mantels. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exterior of the house will be covered with rustic and shiplap. Plans are now being prepared.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, Mr. Segale. The building will be erected on Pfeiffer between Grant avenue and Stockton, and will contain two modern flats of five rooms each. Interiors will be finished in pine and redwood. Some oak floors will be used. Automatic water heaters will be installed. There will be open fire places and tile or brick mantels. Bath rooms and kitchens will have tile wainscot and composition floors. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Flats, 2, 3 story and base, frame, \$4,000 to \$6,000. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner's name withheld. The building will be erected on Greenwich street near Powell. Each building will contain three flats ranging from four to six rooms. Interiors will be finished in pine and redwood with some elm panels and oak floors. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath and shiplap. Plans are now being prepared.

SAN FRANCISCO—Flats and stores, 2 story and base, frame, \$5,000. Architect, M. J. Welsh, 22nd and Mission streets, S. F. Owner's name withheld. The building will be erected on San Bruno avenue and has been designed to contain a saloon, stores and flats. Flats will have from four to five rooms and baths. Interior finish will be of pine and redwood. There will be open fire places and tile mantels. Bath rooms and kitchens will have the wainscot. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and cement

plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 3 story and base, frame, \$5,000. Architect, E. H. Denke, 1317 Hyde street. S. F. Owner, Joseph Jurisch. The building will be erected on the south side of California street west of Larkin, covering an area of 25 by 65 feet. There will be three modern flats of five and six rooms. Interiors will be finished in pine, redwood and hardwood veneer. Oak floors will be used in the principal rooms. There will be open fire places in the living rooms with tile mantels. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

GARAGES.

OAKLAND, CAL.—Garage, 2 story and base. Class C construction, \$25,000. Architect, Charles W. McCall, Central Bank Bldg., Oakland Owners, Imperial Garage Co. The building, which has been designed for a commercial garage, will cover a large ground area and will be erected on the east side of Franklin street north of 14th street. Construction will be nearly fireproof, with concrete floors, brick and steel walls and steel roof trusses. Interior will be finished in pine. There will be a completely equipped machine shop as well as the storage space. Metal window sash and frames and special gasoline storage tanks are specified. Exterior of the building will be faced with pressed brick. Working drawings are being prepared.

SAN JOSE, SANTA CLARA CO., CAL.—Garage, 1 story and base, reinforced concrete, \$20,000. Architect, none. Owners, Olsen & McFarland Auto Co., 228 North First street, San Jose. The building will be erected on property now occupied by the company on North First street. New building will cover a considerable ground area and will be practically fireproof. There will be concrete floor and walls, steel roof trusses and fireproof interior partitions. Metal window sash and frames and special gasoline storage tanks will be used. Interior will contain display rooms, storage space and machine shop. Exterior of the building will be faced with cement plaster. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

Contracts Awarded.

SEATTLE, WASH.—Garage, 2 story and base, brick and steel, \$28,000. Architect, none. Owners, Firestone Tire and Rubber Co., Seattle. Contractor, L. L. Lang, New York Bldg., Seattle. Contract price, \$28,000.

GOVERNMENT WORK AND SUPPLIES.

Santa Fe Indian School, Dormitory. The following bids were received by the commissioner of Indian Affairs, Washington, D. C., for the construction of addition to girls' dormitory at the Santa Fe Indian School, N. Mex.:

A. Windsor, Santa Fe, N. Mex., including 59 lockers, \$17,131.58; additional lockers, \$4.30 each; 135 days.

Carlo Digneo, Santa Fe, N. Mex., \$17,711; using Humboldt brick, \$20,181.

August Reinhardt, Santa Fe, N. Mex., \$17,445; using Humboldt or Trinidad brick, add \$2,425, omitting painting of present building, deduct, \$275.

W. D. Lovell, Minneapolis. Minn., \$16,850; 135 days.

J. M. Merillies & Co., South Berkeley, Cal., \$21,731; using penitentiary brick, \$20,731; 135 days.

J. A. Harlan & Son, Albuquerque, N. Mex., \$16,228, using Humboldt brick, add \$1,840; omitting painting, deduct \$428; omitting kalsomining deduct \$90.

Prospective Bidders.

Specifications for work under the office of the supervising architect have been furnished to the following firms in addition to those previously noted in these columns:

Grass Valley, Cal., Construction, May 6.
E. F. Burke, 43 Sussex street, San Francisco, Cal.

F. J. Amweg Co., Marston Building, San Francisco, Cal.

Southern Construction Co., 425 Woodward Building, Washington, D. C.

William Simpson Construction Co., 537 Timken Building, San Diego, Cal.

Herman Volghts, 1251 N. 25th street, Philadelphia, Pa.

King Lumber Co., Charlottesville, Va.

Eugene Schuler, Pasadena, Cal.

J. B. Reite, 110 Jessie street, San Francisco, Cal.

L. G. Bergen & Son, 209 Sanchez street San Francisco, Cal.

Welch Bros. (care of G. L. Hannaman), 925 Pierce street, San Francisco, Cal.

Valves, Balance.

The Reclamation Service is asking for proposals for furnishing 20 balanced valves for the Arrowrock dam, Boise irrigation project, Idaho. Bids will be opened after 2 o'clock p. m. May 7, 1914, at the office of the Reclamation Service, Los Angeles, Cal.

Pablo Lateral No. 31A.

The Secretary of the Interior has awarded contract to Nelson Rich, of Prosser, Wash., for the construction of earthwork and tunnel, Pablo lateral No. 31A, Flathead irrigation project, Mont. The work involves about 3,400 cubic yards of open-cut excavation and about 520 linear feet of tunnel. It is located about six miles southeast of Poison, Mont. The contract price is \$13,950.

Canal Circular No. 844.

The general purchasing officer of the Panama Canal will open bids May 9, under Panama Canal Circular No. 844 for furnishing and erecting movable metal louvers as follows:

Class 1, 50,000 square feet movable metal louvers.

(1) Bid A, lump sum price for furnishing and delivering the louvers on dock at Colon, Cristobal, or Ancon.

(2) Bid A, a price per square foot for furnishing and delivering the louvers on dock at Colon, Cristobal, or Ancon.

(3) Bid B, lump sum price for furnishing and erecting the louvers in place in the buildings.

(4) Bid B, a price per square foot for furnishing and erecting the louvers in place in the buildings.

Steel Rolling Doors.

The general purchasing officer of the Panama Canal will soon call for proposals covering the construction and erection, complete, and in good working order of the steel rolling doors called for in the specifications for Nos. 1, 2, 4, 7, 8, and 12 of the permanent shops. Bidders will be requested to submit a lump-sum price for which they will furnish and erect the doors in place in the buildings and also a lump-sum price for which they will furnish and deliver the doors on dock at Colon, Cristobal, or Ancon. It is expected the call for bids will be issued during the coming week.

Colliers for Panama Canal.

The contract for constructing two colliers to supply the Panama Canal coal depot and to be held in reserve for the Navy, if needed, has been awarded to the Maryland Steel Co., of Sparrows Point, Md., at \$987,500 each.

Letterman Hospital Ward.

Awards have been made as follows for the construction, etc., of a detached ward at the Letterman General Hospital, San Francisco, Cal.: Pringle, Dunn & Co., San Francisco, Cal., construction, \$11,633; plumbing, \$842; heating, \$616. J. W. Carr, San Francisco, Cal., wiring, \$211.60. H. Ehrhard, San Francisco, Cal., electric fixtures, \$190.

-HALLS & SOCIETY BLDGS-

PORTLAND, ORE.—Lodge hall, 2 story and base, brick. Cost not stated. Architect, J. D. Dautoff, Stock Exchange Bldg., Portland. Owners, Banai Brith Hall Association. The building will be erected on 13th street and will cover an area of 45 by 80 feet. A large gymnasium, billiard room, smoking room, locker room and running track will occupy the first floor. A three-room apartment for the janitor and a swimming tank will be located in the basement. Second floor will contain meeting hall, library, reading rooms, offices and kitchen. Interior finish will be of pine and hardwoods. There will be steam heat. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

HOSPITALS

STOCKTON, SAN JOAQUIN CO., CAL.—Hospital ward No. 25, 2 story and base, reinforced concrete. Cost not stated. Architect, State Department of Architecture, Sacramento. Owners, State of California. The lowest figure for constructing ward building No. 25 at Stockton was that received from L. G. Bergen & Son of San Francisco, at \$48,472. A complete list of the bids as opened in Sacramento will be found under the heading of Sacramento, Stockton and Northern California.

STOCKTON, SAN JOAQUIN CO., CAL.—Hospital elevator work. Cost not stated. Engineer, State Department of Engineering, Sacramento. Owners, State of California. The Otis Elevator Co. submitted the lowest figure at \$2,295 for furnishing and installing an elevator in the Female Ward at Stockton Hospital. A complete list of the bids as opened will be

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found under the heading of Sacramento, Stockton and Northern California in this issue.

SAN FRANCISCO—Hospital screens. Cost not stated. Architect, City Department of Architecture. Temporary City Hall, S. F. Owners. City and County of San Francisco. Plans are complete for furnishing and installing wire window screens in the main group of the San Francisco Hospital. Bids are being taken by the Board of Public Works and will be opened on May 13th. An official proposal appears in another column of this issue.

HOTELS.

SAN FRANCISCO—Hotel, 4 story and base, reinforced concrete, \$25,000. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owners, Edward Franks and Edward Swift. The building will be erected on the south side of California street west of Kearny. The building will contain about 32 rooms and several public baths. Interior finish will be of pine and redwood. There will be steam heat and a hot water supply. Bath rooms will have tile floors and wainscot. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

SAN FRANCISCO—Hotel, 6 story and base. Class B construction, \$25,000. Architect, Chester H. Miller, Dalziel Bldg., Oakland. Owner's name withheld. The building will be erected on Post street, having a frontage of 25 feet and a depth of 68 feet. Interior will be arranged for in the neighborhood of 75 guest rooms, a large percentage of which will have private baths. Interior finish will be of pine throughout. There will be an office and lobby on the ground floor. Plans provide for steam heat, elevator service and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior will be faced with pressed brick trimmed with terra cotta. Plans are nearly complete and figures will be called for within a few days.

SAN FRANCISCO—Hotel addition, 1 story, frame, \$3,000. Architects, Salfeld & Kohlberg, Clunie Bldg., S. F. Owner, Leopold Hirsch. The present one-story frame building on Third street at Folsom will be altered and an addition of one story will be constructed. Upper floor will be arranged for rooms. Interior finish will be of pine throughout. There will be a hot water supply. Exterior of the building will be covered with cement plaster. Modern plumbing and electric work is specified. Plans are complete and figures are being taken.

PASADENA, LOS ANGELES CO., CAL.—Hotel, 4 story and base, reinforced concrete. Cost not stated. Architect, Myron Hunt, Hibernian Bldg., L. A. Owner, D. M. Linnard. The building will be erected at the corner of Colorado and Euclid streets and will have a frontage on Euclid of 200 feet. Construction will be fireproof throughout with reinforced concrete floors, walls and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. Plans provide for in the neighborhood of 300 rooms, and are so arranged that a wing may be added in the future, giving the hotel an additional 100 rooms. All

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rooms will have private baths. Interior finish will be of pine and hardwood. There will be steam heat, elevator service, vacuum cleaning and a hot water system. Exterior will be faced with cement plaster. Preliminary plans have been approved.

SACRAMENTO, CAL.—Hotel, 9 story and base. Class A construction. Cost not stated. Architect, none. Owners, Miller and McGilivray, Sacramento. The building will be erected at the corner of 11th and J streets, covering an area of 70 by 111½ feet. There will be a complete steel frame, brick exterior walls and concrete floors. Interior finish will be of pine and hardwood. There will be several stores besides the hotel lobby on the first floor. A large percent of the rooms will have private baths. There will be steam heat, elevator service, vacuum cleaning and hot water supply. Bath rooms will have tile floors and wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and the owners are taking figures on some parts of the work.

VENICE, LOS ANGELES CO., CAL. Hotel, 5 story and base, brick and steel, \$65,000. Architects, Western Architectural and Building Co., Coulter Bldg., L. A. Owner, Adiel E. Tomlinson and F. A. Ripley. The building will be erected at the corner of Westminster and Ocean avenues, and will cover an area of 40 by 100 feet. Five stores and the hotel office and lobby will occupy the first floor. Basement will contain a large cafe while the upper floors will be arranged for hotel rooms and offices. Interior finish will be of pine throughout. Plans provide for steam heat, elevator service and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SAN FRANCISCO—Hotel, 6 story and base, reinforced concrete, \$40,000. Architect, Arthur G. Scholz, Phelan Bldg., S. F. Owners, Burnett Estate. The building will be erected on Clementina street between Third and Fourth streets, and will have a frontage of 40 feet and a depth of 60 feet. There will be two stores on the first floor besides the hotel office. Upper floors will contain a total of 70 rooms and a number of public baths. Interior finish will be of pine throughout. Plans provide for steam heat, elevator service and a hot water supply. Bath rooms will have tile floors and wainscot. Exterior of the building will be faced with cement plaster in imitation of cut stone. Plans are being prepared.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—State exhibit building, 2 story, frame and plaster, \$60,000. Architect, A. F. Helde, 46 Kearny street, S. F. Owners, State of Washington. Working drawings are nearly complete for the building which is to be erected by the State of Washington at the Panama-Pacific International Exposition. Besides a large floor space on the ground floor which will be given over to the exhibits of the state plans provide for a motion picture hall, apartments for the the governor and reception hall.

Exterior will be finished in cement plaster. The architect is completing details and bids will be called for within a week or ten days.

POST OFFICES.

PALO ALTO, SANTA CLARA CO., CAL.—Post office, 1 story and base, brick and frame, \$26,000. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Leland Stanford, Jr., University. Plans are complete for a one story branch post office to be erected on the University grounds at Palo Alto. The building will contain work space and public lobby. Interior finish will be of pine and hardwoods. There will be special cabinet work. A central heating system will be installed. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken.

RESIDENCES.

SAN FRANCISCO—Residences, 4, 3 story and base, frame, \$5,000 each. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Frank R. Grannis, 2471 Jackson street, S. F. These houses will be erected on Washington and Franklin streets, and have been designed for residential flats of five and six rooms with baths. Interiors will be finished in pine and hardwoods with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and composition floors. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owners, Leigh and Schultz, 330 8th avenue, S. F. The house has been designed for a six-room dwelling with bath, and will be erected on the east side of 15th avenue near Anza. Interior finish will be of pine and redwood with some hardwood floors and beam ceilings. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, A. R. Lapham, 1853 McAllister street, S. F. The dwelling has been designed for a six-room house and will be erected on the west side of 12th avenue near Anza street. Interior finish will be of pine throughout. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,750. Architect, none. Owner, Frank Fegel, 366 10th avenue, S. F. The dwelling has been designed for a seven-room house and will be erected on the north side of Geary street near Jordan avenue. Interior will be finished in pine with some hardwood veneer and hardwood floors. There will be furnace heat and open fire places. Mantels will have tile or brick. Bath rooms will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner, Mrs. Helen S. Treat. The dwelling has been designed for a seven-room house and will be erected on 18th avenue between California and Lake streets. Interior finish will be largely of pine with some elm panels and beam ceiling. Hardwood floors will be used. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

SAN FRANCISCO—Residences, 2 story and base, frame, \$2,500. Architect, none. Owner, A. V. Anderson, 4223 23rd street, S. F. These houses will be erected on the south side of 16th avenue, and each will contain six rooms and bath. Interiors will be finished in pine throughout. Hardwood floors will be used in the principal rooms. Large open fire places and tile mantels are specified. Tile wainscot will be used in the bath rooms and kitchens. Exterior of the houses will be covered with cement plaster on metal lath and rustic. The work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$10,000. Architect, Joseph Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co. The dwelling will be erected in the Ingle-side Terrace Tract, and has been designed for an eight-room house with two baths and sleeping porch. Hardwood finish and floors will be used in the principal rooms. Plans include furnace heat, a hot water supply and portable vacuum cleaner. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the architect is now taking figures on the work.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, John H. Powers, 460 Montgomery street, S. F. Owner, A. E. Roeder. The dwelling will be erected on the west side of 14th avenue south of Geary street and has been designed for a seven-room house with bath. Interior will be finished in pine throughout. Hardwood floors will be used in the principal rooms. Bath room will have tile wainscot and composition floor. There will be furnace heat and open fire place. Mantel will be of tile. An automatic water heater

will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner and work will be done by Day Labor.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$3,000 each. Architect, M. J. Welsh, 22nd and Mission streets, S. F. Owner, Mrs. Curin. These houses will be erected on adjoining property on Elizabeth street between Douglas and Diamond streets. Each will contain six rooms and bath with a garage in the basement. Interiors will be finished in pine with oak floors in the living rooms, dining rooms and reception halls. There will be open fire places and tile or brick mantels. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exterior will be covered with cement plaster on metal lath. Plans are now being figured.

FRUITVALE, ALAMEDA CO., CAL.—Bungalows, 20, 1½ story, frame, \$2,500 to \$3,000. Architect, C. C. Dakin. First National Bank Bldg., Oakland. Owners, Oakland Homes Corporation. These twenty houses are the first of some 250 homes which will be erected in the Redwood Court Tract in Fruitvale. Each house will contain from five to seven rooms with bath. The larger homes will be designed with sleeping porches. Hardwood floors and pine trim will be used. Automatic water heaters are specified for all houses. Bath rooms will have tile wainscot and composition floors. Exterior will be covered with cement plaster on metal lath and rustic. Plans are now being prepared. Work will be carried on by Day Labor. Materials will be purchased by the owners.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,750. Architect, none. Owner, C. M. Blake, 4434 Vista street, Oakland. The dwelling has been designed for a seven room house and will be erected on the north side of Craig avenue east of Highland. Interior finish will be of pine with some hardwood veneer and oak floors. Furnace heat and open fire places are specified. Bath room and kitchen will have tile wainscot and composition floor. Mantels will be of tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, R. A. Williams, First National Bank Bldg., Oakland. The house has been designed for a seven-room dwelling and will be erected at the southwest corner of 4th avenue and 21st street. Plans provide for furnace heat and open fire places. Mantels will be of tile. Interior will be finished in pine and hardwood with hardwood floors in the principal rooms. There will be an automatic water heater. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN LEANDRO, ALAMEDA CO., CAL.—Residences, 2, 2 story and base, frame, \$3,500 each. Architects, Hut-

chinson Bros., 470 13th street, Oakland. Owner, Mr. Graff. These houses will be designed to contain six rooms each with bath and sleeping porch. Interior finish will be of pine and redwood with hardwood floors in the living rooms, dining rooms and reception halls. There will be furnace heat and open fire places. Mantels will be of tile or brick. Automatic water heaters will be installed. Bath rooms and kitchens will have tile wainscot. Exterior will be covered with cement plaster on metal lath and rustic. Plans are complete and the work will be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story, attic and base, frame, \$7,500. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owner, Wickham Havens. The dwelling has been designed for an eight-room house and will be erected in Crocker Highlands. Interior finish will be of pine and hardwoods with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have tile floors and wainscot and will be equipped with showers. Automatic water heaters will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. A clay tile roof will be used. Plans are complete and figures are being taken.

SAN JOSE, SANTA CLARA CO., CAL.—Residences, 1 story, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: C. R. Wightman, 3rd avenue north of Palm, 1 story, five-room cottage, \$1,000, and Kelley Bros., northeast corner of Grant and Orchard streets, four-room cottage, \$1,200.

PALO ALTO, SANTA CLARA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, H. L. Haehl. The dwelling has been designed for an eight-room house with two baths and sleeping porch. Interior will be finished in pine, redwood and white enamel. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile floors and wainscot and will be equipped with showers. Exterior will be finished with cement plaster on metal lath. Plans are being prepared.

SACRAMENTO, CAL.—Bungalow, 1 story and base, frame, \$2,000. Architect, none. Owner, Ernest Hall, Chico avenue. The dwelling has been designed for a six-room house with bath and will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place with a tile mantel in the living room. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

REEDLEY, FRESNO CO., CAL.—Residence, 2 story and base, frame, \$6,000. Architects, Swartz, Hotchkings & Swartz, Rowell Bldg., Fresno. Owner, Mr. A. Winters. The dwelling has

been designed for an eight-room house with bath and sleeping porch. Interior finish will be of pine, redwood and white enamel. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Automatic water heaters will be installed. Bath room will be finished in tile with composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owner, Paul Gerson. The dwelling has been designed for a seven-room house with two baths, and will be erected on Commonwealth avenue in the Jordan Park Tract. Interior finish will be of pine and elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile floors and wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residences, 1 and 2 story and base, frame, \$2,000 and \$3,000. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, R. A. McWilliams. These houses will be erected on 4th avenue, the smaller house will contain five rooms and the two-story house seven rooms. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Automatic water heaters will be installed. Bath rooms will have tile wainscot and composition floors. Exteriors will be covered with shingles. Plans are being prepared and when complete work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,000. Architects, Elite Planners, 1844 5th avenue, Oakland. Owners, Banning and Stewart. The house has been designed for a seven-room dwelling with bath and sleeping porch, and will be erected in the Country Club Heights. Interior finish will be largely of pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and when complete work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, Mr. Boyd, Raymond Apts. The dwelling will be erected on the Boyd Tract, and has been designed to contain seven rooms and bath. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. An auto-

matic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who is now taking figures on the work.

SAN FRANCISCO—Residence, 2 story and base, frame, \$10,000. Architect, H. H. Gutterson, 80 Post street, S. F. Owner, T. T. Mosby. The dwelling will be erected on San Luis street in St. Francis Wood, and has been designed to contain nine rooms, two baths and sleeping porch. Interior finish will be of pine redwood and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have tile floors and wainscot and will be equipped with showers. Automatic water heaters will be installed. A garage will also be erected on the property. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

LOS ANGELES, CAL.—Residence, 2 story and base, brick and plaster. Cost not stated. Architect, Homer W. Glidden, Wright and Callender Bldg., L. A. Owner, J. W. Fowler. The dwelling will be erected in Onetona Park and has been designed to contain ten rooms and three baths. A garage of similar construction will also be constructed on the property. Interior of the dwelling will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Bath rooms will have tile wainscot and floors and will be equipped with showers. Automatic water heaters will be installed. Exterior of the dwelling will be covered with cement plaster. Plans are complete and figures are being taken.

SCHOOLS.

SAN FRANCISCO—School, 2 story and base, reinforced concrete, \$110,000. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owners, City and County of San Francisco. Plans for the new Cooper School, which is to be erected at the southwest corner of Jones and Lombard streets, have been completed and are now out for figures. The building will be of reinforced concrete with concrete floors, stairways and corridors. Metal lath and plaster interior partitions will be used. There will be steam heat, vacuum cleaning and program clocks. Interior finish will be of pine with maple floors in the class rooms. Exterior of the building will be faced with cement plaster. Bids will be opened on May 6th by the Board of Public Works. Separate bids are being taken for the general construction, heating, ventilating, plastering and metal lath and furring, plumbing, gas fitting and electric work. Official proposals appear under another heading in this issue.

RIO VISTA, SOLANO CO., CAL.—School, 2 story and base, Class C construction, \$45,000. Architect, Erwin Schaefer, Plaza Bldg., Oakland. Owners, Rio Vista High School District. The building will contain eight class rooms, principal's office and teachers' rooms. There will be a large assembly hall. Interior finish will be of pine

with maple floors in the class rooms. Plans also provide for steam heat, oil burning furnace and vacuum cleaning. Exterior of the building will be faced with pressed brick. Working drawings are complete and figures will be called for as soon as bonds are sold. Further mention will be made of the work at that time.

CERES, STANISLAUS CO., CAL.—School, 1 story and base, reinforced concrete. Cost not stated. Architect, William H. Weeks, 75 Post street, S. F. Owners, Ceres School District. The building has been designed to contain seven class rooms, assembly hall, principal's office and library. Interior finish will be of pine and hardwood with maple floors in the class rooms. There will be steam heat, oil burning furnace, and a modern system of ventilation. Program clocks will be installed. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken. Bids close on May 2nd. Plans and specifications can be secured from the architect.

ROSEVILLE, PLACER CO., CAL.—School, 1 story and base, frame, \$15,000. Architect, Erwin Schaefer, Plaza Bldg., Oakland. Owners, City of Roseville. The building will contain four standard sized class rooms, library and principal's office. Interior will be finished in pine throughout. Maple floors will be used in the class rooms. There will be a central heating system, probably warm air. A modern system of ventilation will also be installed. Exterior of the building will be covered with rustic. Plans are complete and bids will be called for shortly. Further mention will be made at that time.

ROSEVILLE, PLACER CO., CAL.—School, 1 story and base, Class C construction, \$40,000. Architect, Erwin Schaefer, Plaza Bldg., Oakland. Owners, City of Roseville. The building will contain six class rooms and assembly hall. Interior will be finished in pine and redwood with maple floors in the class rooms. There will be steam heat and modern ventilation. Program clocks will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for shortly.

LOS ANGELES, CAL.—School, 3 story and base, Class A construction, \$40,000. Architect, Arthur B. Benton, 114 North Spring street, L. A. Owners, Florence Crittenton Home for Girls. The building will cover an area of 60 by 100 feet and will be of reinforced concrete. Concrete walls, floors and roof slabs will be used. Interior will be arranged for class rooms, library, sewing rooms, wards and single rooms. There will be kitchens and dining rooms. Interior finish will be of pine and hardwood. There will be steam heat and modern plumbing. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

WILLOWS, GLENN CO., CAL.—School, 2 story and base, reinforced concrete, \$52,026. Architect, William H. Weeks, 75 Post street, S. F. Owners, Willows Union High School District. Contractor, W. R. Zumwalt. Contract price, \$52,026.

SEWERS, STREET WORK AND WATER SYSTEMS.

WOODFORD, KERN CO., CAL.—Rock crusher equipment. Cost not stated. Engineer, County Surveyor, Bakersfield. Owners, Kern County. Plans for a large rock crushing plant which is to be installed at Woodford have been completed by the County Engineer and are now out for figures. The plant is to be electrically equipped and is to have an output of 1,000 tons per day. The State Highway Commission has agreed to take nearly the entire output of the plant. Bids are now being taken and will be opened on May 12th. Plans can be secured from the County Clerk at Bakersfield. An official proposal appears in another column of this issue.

SAN RAFAEL, MARIN CO., CAL.—Incinerator plant. Cost not stated. Engineer, City Engineer, San Rafael. Owners, City of San Rafael. The City Council of San Rafael rejected all bids for the construction of the new incinerator to be erected in that city. Z. O. Field of San Jose presented the lowest figure. Plans are to be revised and new bids will be called for shortly.

Contracts Awarded.

ST. HELENA, NAPA CO., CAL.—Street electroliters. Cost not stated. Engineer's name not given. Owners, City of St. Helena. Contractors, Napa Valley Electric Co. Contract price, \$3,108.

STORES.

SAN FRANCISCO—Stores and lofts, 6 story and base, brick and steel, \$75,900. Architect, Alfred Henry Jacobs, 110 Sutter street, S. F. Owner, Charles Schlessinger. The building will be erected on the south side of Market street west of Second, and will have a frontage of 30 feet by a depth of 120 feet. There will be stores on the first floor and upper floors will be arranged for lofts. There will be a steel frame, brick exterior walls and metal lath and plaster interior partitions. Interior finish will be of pine throughout. Plans provide for elevator service, steam heat and metal window sash and frames. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Patent store fronts are specified. Plans are complete and figures are being taken.

OAKLAND, CAL.—Stores and offices, 2 story and base. Class C construction. Cost not stated. Architect, William Wilde, Albany Bldg., Oakland. Owners, B. and B. Cianciarulo. The general contract for this building has already been let and the architect is now taking figures for the heating, ventilating and plumbing. The structure will be erected on Broadway between 17th and 18th streets, and has been designed to carry five additional stories.

SAN JOSE, SANTA CLARA CO., CAL.—Stores, 1 story and base, brick, \$7,000. Architect, none. Owners, J. F. Pryle & Son, San Jose. The building will be erected at the northwest corner of Martha and 5th streets, and will contain two modern stores. Interiors will be finished in pine. There will be modern plumbing and electric work. Patent store fronts will be used. Ex-

terior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

Contracts Awarded.

LOS ANGELES, CAL.—Stores and lofts, 5 story and base, reinforced concrete, \$68,544. Architects, Train & Williams, Exchange Bldg., L. A. Owner, J. F. Hosfield. Contractors, Barber-Bradley Construction Co., 1824 East 15th street, L. A. general construction. Contract price, \$68,544.

LOS ANGELES, CAL.—Office building, 8 story and base. Class A construction, \$100,000. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, W. G. Kerchoff. Contractor, Weymouth Crowell, Story Bldg., L. A. general construction, \$100,000 Independent Sewer Pipe Co., 233 South Los Angeles street, L. A., terra cotta work; Foulkes Electric Co., Van Nuys Bldg., L. A., electric work.

THEATRES.

PORTLAND, ORE.—Theatre, 2 story and base. Class A construction, \$100,000. Architect, Aaron H. Gould, Henry Bldg., Portland. Owner, M. G. Winston. The building will be erected at the corner of Park and Stark streets, covering an area of 100 by 100 feet. Construction will be fireproof throughout with a complete steel frame and reinforced concrete walls and floors. The main auditorium will have a seating capacity of about 2,000 people. Plans also provide for stores and storage space. Interior partitions will be of hollow tile and metal lath and plaster. Interior finish will be of pine and hardwoods. Ornamental plaster, marble and tile will also be used. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SAN FRANCISCO—Theatres and stores, 1 story and base, frame and plaster, \$15,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner's name withheld. The building will be erected on Scott street near the Exposition grounds and will cover an area of 60 by 100 feet. There will be three stores, a saloon and motion picture theatre. Interior of the building will be finished in pine with ornamental plaster in the theatre. Special electric work will be required. Patent store fronts are specified. Exterior of the building will be covered with cement plaster on metal lath. Working drawings are complete and figures will be taken in about a week.

BRAWLEY, IMPERIAL CO., CAL.—Theatre and offices, 3 story and base, brick and steel, \$25,000. Architects, P. W. Ehlers and A. W. Riewe, California Bldg., L. A. Owner, J. L. Manahan. The building will cover an area of 104 by 125 feet and has been designed to contain three stores and the theatre on the first floor. Upper floors will be arranged for a large number of modern offices. Interior finish will be of pine and redwood. Metal lath and plaster interior partitions will be used. Plans provide for steam heat and a hot water system. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

SEALED PROPOSALS.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS OF THE City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 6th day of May, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit: The Plastering, Metal Furring and Lathing of the City Hall.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in Progressive payments will be made, to which reference is hereby made, and must be commenced within five calendar days from the receipt of written notice from the Board of Public Works, and completed within the time limits as provided for in specifications. The amount of bond for faithful performance of contract has been fixed as follows:

Proposition No. 1—\$15,000.00.

Proposition No. 2—\$20,000.00.

Proposition No. 3—\$45,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

RICHARD J. CLINE,

Secretary.

PROPOSALS FOR HEATING AND VENTILATING.

OFFICE OF THE BOARD OF PUBLIC WORKS OF THE City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 24th day of May, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit: The installation of a heating and ventilating system in the Cooper School Building.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within three hundred (300) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$1,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

RICHARD J. CLINE,

Secretary.

PROPOSALS FOR BUILDING.

OFFICE OF THE BOARD OF PUBLIC WORKS OF THE City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 24th day of May, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The General Construction of the Cooper School Building, to be situated at the southwesterly corner of Jones and Lombard streets.

Progressive payments will be made. Said work must be done in accordance

W. R. BRODE, Pres. LOUIS R. HOLM, Sec. R. J. BRODE, Vice-Pres.

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ance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within three hundred (300) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$20,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works, RICHARD J. CLINE, Secretary.

PROPOSALS FOR PLUMBING AND GAS FITTING.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 24th day of May, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit: The Plumbing and Gas Fitting of the County School Building.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within three hundred (300) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$1,500.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works, RICHARD J. CLINE, Secretary.

PROPOSALS FOR ELECTRIC WORK.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 24th day of May, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit: The Electric Wiring Work of the County Building.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within three hundred (300) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$1,500.00.

formance of contract has been fixed at \$800.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works, RICHARD J. CLINE, Secretary.

PROPOSALS FOR ELECTRICAL EQUIPMENT.

ELECTRICAL APPARATUS—U. S. Reclamation Service, Los Angeles, Cal.—Sealed proposals will be received at the office of the U. S. Reclamation Service, Los Angeles, Cal., until 2 p. m. May 11, for furnishing electrical apparatus for the Okanogan project, Wash. For further particulars address U. S. Reclamation Service, 695 Federal Building, Los Angeles or Washington, D. C. O. H. ENSIGN, chief electrical engineer.

PROPOSALS FOR VALVES.

BALANCED VALVES—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. Reclamation Service, Los Angeles, Cal., until 2 o'clock p. m. May 7, 1914, for furnishing 20 balanced valves for the Arrowrock Dam, Boise project, Idaho. For particulars address the U. S. Reclamation Service, 695 Federal Building, Los Angeles, Cal., or Washington, D. C. MORRIS BIEN, acting director.

PROPOSALS FOR EXCAVATING.

EXCAVATING—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Malta, Montana, until 2 o'clock p. m. May 12, 1914, for the excavation of the auxiliary spillway channel and the construction of the North Dike, Vandalla Division, involving approximately 760,000 cubic yards of material. The work is situated on the north side of Milk River adjacent to the main line of the Great Northern Railway, about three and one-half miles from Vandalla Station and adjacent to the U. S. Reclamation Service's siding at Vandalla Dam. For particulars address the United States Reclamation Service, Washington, D. C., or Great Falls, Mont., or Malta, Montana, F. H. NEWELL, director.

NOTICE TO CONTRACTORS.

NOTICE is hereby given that sealed bids will be received by the Board of Trustees of Ceres High School District of Stanislaus County, State of California, at the office of the County Superintendent of Schools at Modesto, until 2:30 o'clock p. m. Saturday, May 2nd, 1914, for the construction and equipping of a high school building to be built at Ceres, California, according to plans and specifications prepared for the same by W. H. Weeks, registered architect, of 75 Post Street, San Francisco, California.

Bids will be received separately for furnishing and installing the heating and ventilating, vacuum cleaning, and program clock systems; and bids will also be received for the general contract with alternate propositions for plans and specifications can be seen during office hours at the offices of Dr. S. W. Cartwright of Ceres, or Miss

Flourence Briggs, County Superintendent of Schools at Modesto, or at the office of the architect, W. H. Weeks, 75 Post Street, San Francisco, California.

A cash deposit of twenty dollars will be required from all prospective bidders on all copies of plans and specifications loaned out, as a guarantee of good faith and of the return of the same.

Each bid must be accompanied by a certified check on some responsible California bank in a sum not less than five (5) per cent of the amount of the bid made payable to E. C. Barnes, clerk of the High School Board.

The Board of Trustees expressly reserves the right to reject any and all bids.

By order of the Board of Trustees of the Ceres High School District of Stanislaus County, State of California.

E. C. BARNES, Clerk.
DR. S. W. CARTWRIGHT.
J. B. WING.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 845—Proposals for Motors and Centrifugal Pumps, for Switches, Electric Cable, Babbitt Metal, Sheet Copper, Steel Bars, Bronze Bars, Brass Tubing, Steel Wire, Nuts, Taps, Rivets, Bolts, Screws, Hair Links, Washers, Blacksmiths' Punches, Pipe Cutters, Dies, Batched Drills, Twist Drills, Wrenches, Saws, Files, Hinges, Wire-Rope Thimbles, Buckskin Frames, Saw Tools, Handles, Pump Handles, Truck Handles, Hooks, Locks, Spirit Levels, Cant Hooks, Grease Cups, Engine Lubricators, Lanterns, Water Gages, Windmills, Carlocks, Hose, Packing, Asbestos Gaskets, Manila Rope, Marine, Twine, Pump Heads, Chamois Skins, Toilet Paper, Paper.

Fire Clay, Asbestos Cement, Metal Polish, Soap Polish, Mahogany Doors, Windows, Sash and Frames with Hardware and Paint.—Sealed proposals will be received at the office of the general purchasing officer, Panama Canal, Washington, D. C., until 10:00 a. m. May 8, 1914, at which time they will be opened in public for furnishing the above mentioned articles. Plans, blanks and general information relating to this circular (No. 845) may be obtained from this office or the office of the assistant purchasing agent, 1006 North Point Street, San Francisco, Cal.; also from the U. S. Engineer's offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major corps of engineers, U. S. A., general purchasing officer.

PROPOSALS FOR LUMBER, ETC.

COAL, LUMBER, GASOLINE, ETC.—Sealed proposals will be received at the office of the light house inspector, San Francisco, Cal., until 2 o'clock p. m. May 15, 1914, and then opened for furnishing bituminous coal, lumber, gasoline and distillate. Blank proposals and particulars may be obtained by addressing the LIGHT HOUSE INSPECTOR, San Francisco, Cal.

PROPOSALS FOR BOILERS, OIL BURNERS, ETC.

BOILERS, OIL BURNERS, ETC.—Sealed proposals, indorsed "Proposals for Heating Plant, Boilers, and Accessories," will be received at the bureau of yards and supply, Navy Department, Washington, D. C., until 11 o'clock a. m. May 23, 1914, and then and there publicly opened for furnishing and installing boilers, burners, piping, etc. In the heating plant at the naval hospital, U. S. navy yard, Mare Island, Cal. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard named, H. R. STANFORD, chief of bureau.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 844—Proposals for Furnishing, or Furnishing and Erecting, complete Machinery, Tools and Operating Mechanisms for Permanent Shop Buildings.—Sealed proposals will be received at the office of the general purchasing agent, Panama Canal, Washington, D. C. until 10:30 a. m. May 9, 1914, at which time they will be opened in public for furnishing the

above mentioned articles. Blanks and general information relating to this circular (No. 810) may be obtained from this office or the office of the assistant purchasing agent, 1036 North Point street, San Francisco, Cal.; also from the U. S. engineer office in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. A., general purchasing officer.

PROPOSALS FOR WIRE SCREENS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 13th day of May, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The Furnishing and Installing of Wire Screens in the Main Group Buildings of the San Francisco Hospital, located on Potrero avenue and Twenty-second street.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within one hundred and twenty (120) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed as follows:

Proposition No. 1—\$1,000.00.

Proposition No. 2—\$2,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

RICHARD J. CLINE, Secretary.

COUNTY OF KERN.

STATE OF CALIFORNIA.

SEALED PROPOSALS addressed to the Board of Supervisors and endorsed "Proposals for Furnishing and Installing a Crushing Plant at Keene, near Woodford on the Southern Pacific Railroad" will be received by the Board of Supervisors of Kern County at their office in the County Court House until two (2) o'clock p. m. on May 12th, 1914, and at that time and place will be publicly opened and read.

Competitive designs and bids to be submitted by contractors for an electrically equipped plant of 1000 tons capacity in 8 hours.

An outline of general requirements and contour maps of the quarry site may be obtained at the office of the Kern County Highway Commission, Bakersfield, California. All proposals must specify each part of the equipment, giving manufacturer's name and catalog identification and must give price proposed both in writing and in figures signed by the bidder with his address.

Each proposal must be accompanied by a certified or cashier's check amounting to at least ten (10) per cent of the amount of the bid payable to the Chairman of the Board of Supervisors, such check to be returned to the bidder unless forfeited under the conditions herein stipulated.

A bond will be required for the faithful performance of the contract in a sum equal to one-half (1/2) of the amount of the contract, and a further bond in a sum equal to one-quarter (1/4) of the amount of the contract will be required for the security of material-men and laborers. The sureties on both bonds must be approved by the Board of Supervisors.

The bidder to whom the contract may be awarded will be required to

appear at the office of the said Board of Supervisors with the sureties offered by him and execute a contract within (10) days after it is awarded to him. In case of failure or neglect to do so, he may be considered as having abandoned it, and the check accompanying the proposal may, at the option of the Board of Supervisors be forfeited to the County of Kern.

All bids will be compared on the basis of excellence of design and materials as well as the amount for which it is proposed to install the plant.

The Board of Supervisors reserves the right to reject any and all bids.

BOARD OF SUPERVISORS OF KERN COUNTY.

By H. A. Jastro,
Chairman.

PROPOSALS FOR RECLAMATION WORK.

RECLAMATION WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Malta, Montana, until 2 o'clock p. m. May 2, 1914, for the excavation of the auxiliary, spillway channel, and the construction of the North Fork Vandalia Diversion, involving approximately 160,000 cubic yards of material. The work is situated on the main line of Milk River adjacent to the main line of the Great Northern Railway, about 3 1/2 miles from Vandalia station and adjacent to the U. S. Reclamation Service's siding at Vandalia Dam. For particulars address the United States Reclamation Service, Washington, D. C., Great Falls, Montana, or Malta, Montana. F. H. NEWELL, director.

PROPOSALS FOR CONSTRUCTING CANALS.

CANAL WORK—Department of the Interior, United States Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Orland, Cal., until 2 o'clock p. m. May 9, 1914, for the construction of about 55 miles of distribution canal and laterals. The work involves the excavation of about 110,000 cubic yards of material and is situated near the town of Orland, Cal. For particulars address the United States Reclamation Service, Washington, D. C., Portland, Ore., or Orland, Cal. F. H. NEWELL, director.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 810—Proposals for the purchase of Scrap Chain, Malleable Iron, Steel, Wrought Iron and Steel offered for sale by the Panama Canal and which is no longer needed.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. May 7, 1914, at which time they will be opened and read publicly. Blanks and general information relating to this circular (No. 810) may be obtained from this office or the office of the assistant purchasing agent, 1036 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 4th day of May, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The furnishing and installing of lighting fixtures in the main group of buildings of the San Francisco Hospital.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made,

and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works and completed within ninety (90) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$5,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Board of Public Works, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

RICHARD J. CLINE, Secretary.

PROPOSALS FOR YARD WORK.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 6th day of May, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The Yard Work of the San Francisco Hospital, located on Potrero avenue and Twenty-second street.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works and completed within time limits as provided in specifications.

The amount of bond for faithful performance of contract has been fixed at \$12,500.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

RICHARD J. CLINE, Secretary.

NOTICE TO CONTRACTORS.

COUNTY OF KERN, State of California.—Sealed proposals addressed to the Board of Supervisors and endorsed "Proposals for Furnishing and Installing a Crushing Plant at Keene, near Woodford on the Southern Pacific Railroad" will be received by the Board of Supervisors of Kern County at their office in the County Court House until two (2) o'clock p. m. on May 12th, 1914, and at that time and place will be publicly opened and read.

Competitive designs and bids to be submitted by contractors for an electrically equipped plant of 1000 tons capacity in 8 hours.

An outline of general requirements and contour maps of the quarry site may be obtained at the office of the Kern County Highway Commission, Bakersfield, California. All proposals must specify each part of the equipment, giving manufacturer's name and catalog identification and must give price proposed both in writing and in figures signed by the bidder with his address.

Each proposal must be accompanied by a certified or cashier's check amounting to at least ten (10) per cent of the amount of the bid payable to the Chairman of the Board of Supervisors, such check to be returned to the bidder unless forfeited under the conditions herein stipulated.

A bond will be required for the faithful performance of the contract in a sum equal to one-half (1/2) of the amount of the contract, and a further bond in a sum equal to one-quarter (1/4) of the amount of the contract will be required for the security of

materialmen and laborers. The sureties on both bonds must be approved by the Board of Supervisors.

The bidder to whom the contract may be awarded will be required to deposit with the office of the said Board of Supervisors with the sureties offered by him and execute a contract within ten (10) days after it is awarded to him. In case of failure or neglect to do so, he may be considered as having abandoned it, and the check accompanying the proposal may be forfeited to the Board of Supervisors he forfeited to the County of Kern.

All bids will be compared on the basis of the lowest price for the material as well as the amount for which it is proposed to install the plant.

The Board of Supervisors reserves the right to reject any or all bids.

By H. A. JASTRO, Chairman.

NOTICE TO CONTRACTORS.

NOTICE is hereby given that sealed bids will be received by the Board of Supervisors, Colusa Co., Cal., at their Board rooms in County Courthouse, on the 6th day of May, 1914, up to 10 o'clock a. m., for furnishing the labor and material to construct a new Reinforced Concrete Hall of Records Building, in the Town of Colusa, Colusa Co., Cal., on the square facing Jay and 6th Streets. The building to be situated directly in back of present Court House facing Jay Street, of 6th St. west.

The plans and specifications for the said proposed new Hall of Records building are on file in the offices of W. J. King, County Clerk and Ex-Officio Clerk of the Board of Supervisors in the Town of Colusa, Colusa Co., Cal., and also in the office of Henry S. Smith, the authorized architect, 755 Market St., San Francisco, Cal., where copies of the same may be obtained by bidders on deposit of the sum of Twenty-five (\$25.00) Dollars. Reference is hereby made to such plans and specifications for mode of bidding. Blank forms for bidding will be furnished by the County Clerk or architect upon application before bids are received.

Each bid must be accompanied by a certain check or cash bond for the sum of (10%) per cent of the amount of the bid, said check or bond to be made payable to W. J. King, County Clerk and Ex-Officio of the Board of Supervisors. The Board reserves the right to reject any or all bids.

All general bidders will be allowed to reject any plans and specifications for seven (7) consecutive days in which to prepare figures, but arrangements may be made upon payment of \$10.00 to obtain same until opening of bids, which amount will be deducted from the deposit made of \$25.00 when the plans and specifications are returned.

DATED the 8th Day of April, 1914.

WM. J. KING,
County Clerk. ()

NOTICE TO CONTRACTORS.

BOARD OF PANAMA-PACIFIC MANAGERS FOR MASSACHUSETTS.

SEALED PROPOSALS will be received by the Board of Panama-Pacific Managers for Massachusetts at Room 305, Tremont Building, Boston, Massachusetts, at 11:00 A. M. (Eastern Time), Monday May 11, 1914, for Constructing the Massachusetts Pavilion at the Panama-Pacific International Exposition in accordance with specifications on file in the office of the Board of Panama-Pacific Managers for Massachusetts at Room 305, Tremont Building, Boston, Massachusetts, and in the office of the Director of Works of the Exposition, Room 207, Service Building, Exposition Grounds, San Francisco, California.

Each proposal must be accompanied by a certified check payable to the order of the Board of Panama-Pacific Managers for Massachusetts in the sum of ten (10) per cent of the amount bid and the same will not be returned. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or proposals which check will be returned upon the suc-

cessful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Board of Panama-Pacific Managers for Massachusetts.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the State of Massachusetts.

Plans and specifications for the work may be obtained from the Board of Panama-Pacific Managers for Massachusetts, Room 305 Tremont Building, Boston, Massachusetts, or from the Director of Works, Room 207 Service Building, San Francisco, by depositing \$25.00, which amount will be refunded to contractors upon the return of plans and specifications in good condition.

By order of the Board of Panama-Pacific Managers for Massachusetts.
PETER H. H. CORR,
Chairman.

CHARLES O. POWER,
Secretary. ()

PROPOSALS FOR STEEL.

STEEL FOR MARINE RAILWAY.—Bureau of Yards and Docks, Navy Department, Washington, D. C.—The date for opening proposals for structural steel for marine railway for naval academy at Pearl Harbor, Hawaii, Specification No. 2056, is postponed from April 1 to May 9, 1914. W. M. SMITH acting chief of bureau.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Sealed proposals indorsed "Proposals for Chief Operator's Quarters" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., May 9, 1914, and then and there publicly opened, for chief operator's quarters at the United States naval radio station, Tatum Island, Wash. Estimated cost, \$3,500. Plans and specifications can be obtained on application to the bureau or to the Commandant of the Puget Sound Navy yard, Bremerton, Wash. H. R. STANFORD, chief of bureau.

Firms dealing with certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under different headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCES—1. 3 story and base, frame, \$8,000 each. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Frank R. Grannis, 2471 Jackson street, S. F. These houses will be erected on property at the southeast corner of Washington and Franklin streets, and have been designed for residential flats of five and six rooms with baths. Interiors will be finished in pine and hardwoods with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and composition floors. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owners, Leigh and Schultz, 330 8th avenue, S. F. The house has been designed for a six-room dwelling with bath and will be erected on the east side of 15th avenue near Anza. Interior finish will be

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., March 27, 1914.—SEALED PROPOSALS will be opened at this office at 3 P. M., May 9, 1914, for the construction complete (including mechanical equipment, interior lighting fixtures and approaches) of the United States Post Office at Grass Valley, Cal. The building is one story and basement, with a ground area of approximately 1,150 square feet; stucco facing; slate roof, nonfireproof construction. Drawings and specifications may be obtained from the custodian of site at Grass Valley, Cal., or at this office in the discretion of the Supervising Architect, O. WENDEROTH, Supervising Architect.

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal., April 11, 1914.—SEALED PROPOSALS, in triplicate, for constructing Quartermaster's Stables at the Presidio of San Francisco, Cal., will be received until 11 A. M., May 11, 1914, and then opened. Plans, specifications, etc., can be obtained here. Deposit of \$25.00 required to insure return of plans, etc. Proposals to be enclosed in sealed envelopes and marked "BID FOR Q. M. STABLES AT THE PRESIDIO OF SAN FRANCISCO, CAL." GEO. MCK. WILLIAMSON, Q. M. C.

PROPOSALS FOR SALE OF VESSELS.

SALE OF U. S. NAVAL VESSELS.—Sealed proposals will be received at the bureau of supplies and accounts, Navy Department, Washington, D. C., until 12 o'clock, noon, May 14, 1914, when they will be publicly opened for the purchase of the following vessels: U. S. S. Manila, at navy yard, Mare Island, Cal., appraised value \$10,000; U. S. S. Restless, at naval torpedo station, Newport, R. I., appraised value \$2,000. The Manila will be sold for cash to the highest bidder and the Restless to the bidder offering the highest price above the appraised value. Forms of proposal and bond and information concerning the vessels and the terms and conditions of sale may be obtained upon application to the bureau of supplies and accounts, JOSEPHUS DANIELS Secretary of the Navy.

of pine and redwood with some hardwood floors and beam ceilings. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, A. R. Lapham, 1833 McAllister street, S. F. The dwelling has been designed for a six-room house and will be erected on the west side of 12th avenue near Anza street. Interior finish will be of pine throughout. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$1,750. San Francisco, Architect, none. Owner, Frank Pegel, 365 10th avenue, S. F. The dwelling has been designed for a seven-room house and will be erected on the north side of Geary street near Jordan avenue. Interior will be finished in pine with some hardwood veneer and hardwood floors. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco, Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner, Mrs. Helen S. Treat. The dwelling has been designed for a seven-room house and will be erected on 18th avenue between California and Lake streets. Interior finish will be largely of pine with some elm panels and beam ceiling. Hardwood floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of tile. Bath rooms will have the wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCES—2, 2 story and base, frame, \$2,500. San Francisco, Architect, none. Owner, A. V. Anderson, 4223 23rd street, S. F. These houses will be erected on the south side of 10th avenue, and each will contain six rooms and bath. Interiors will be finished in pine throughout. Hardwood floors will be used in the principal rooms. Large open fire places and tile mantels are specified. The wainscot will be used in the bath rooms and kitchens. Exterior of the houses will be covered with cement plaster on metal lath and rustic. The work will be done by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$10,000. San Francisco, Architect, Joseph Leonard, 85 Ceritos avenue, S. F. Owners, Urban Realty Co. The dwelling will be erected in the Ingleside Terrace Tract, and has been designed for an eight-room house with two baths and sleeping porch. Hardwood finish and floors will be used in the principal rooms. Plans include furnace heat, a hot water supply and portable vacuum cleaner. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the architect is now taking figures on the work.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco, Architect, John H. Powers, 460 Montgomery street, S. F. Owner, A. E. Roeder. The dwelling will be erected on the west side of 14th avenue south of Geary street, and has been designed for a seven-room house with bath. Interior will be finished in pine throughout. Hardwood floors will be used in the principal rooms. Bath room will have the wainscot and composition floor. There will be furnace heat and open fire place. Mantel will be of tile. An

automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner and work will be done by Day Labor.

RESIDENCES—2, 2 story and base, frame, \$3,000 each. San Francisco, Architect, M. J. Welsh, 22nd and Mission streets, S. F. Owner, Mrs. Curin. These houses will be erected on adjoining property on Elizabeth street between Douglas and Diamond streets. Each will contain six rooms and bath with a garage in the basement. Interiors will be finished in pine with oak floors in the living rooms, dining rooms and reception halls. There will be open fire places and tile or brick mantels. Bath rooms and kitchens will have the wainscot. Automatic water heaters will be installed. Exterior will be covered with cement plaster on metal lath. Plans are now being figured.

STATE EXHIBIT BUILDING—2 story, frame and plaster, \$60,000. San Francisco, Architect, A. F. Heide, 46 Kearny street, S. F. Owner, State of Washington. Working drawings are nearly complete for the building which is to be erected by the State of Washington at the Panama-Pacific International Exposition. Besides the large floor space on the ground floor which will be given over to the exhibits of the state, plans provide for a motion picture hall, apartments for the governor and reception hall. Exterior will be finished in cement plaster. The architect is now completing details and bids will be called for within a week or ten days.

APARTMENT HOUSE—2 story and base, frame. Cost not stated. San Francisco, Architect, M. J. Welsh, 22nd and Mission streets, S. F. Owner, L. Cella. The building will be erected at the corner of First avenue and Hugo street and has been designed to contain four suites of four rooms each with bath. Interior finish will be of pine with some elm panels and hardwood floors. There will be an automatic water heater in each apartment. Bath rooms will have tile wainscot and composition floors. Wall beds are specified. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE ALTERATIONS—2 story, frame, \$10,000. San Francisco, Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, J. H. Dieckmann. The present building located at the corner of California and Laguna streets will be altered from a flat building into a modern apartment house. When complete there will be eight apartments of two and three rooms. The work will call for new interior partitions, interior finish, hardwood floors, plastering, plumbing, electric work and painting. Exterior of the building will also be refinished. Plans are being prepared.

CHURCH—2 story and base. Class C construction, \$60,000. San Francisco, Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owners, Second Church of Christ, Scientist. The building will be erected on property at the corner of Dolores and Cumberland streets, and has been designed in the classic style. There will be a large main auditorium seating 900 people,

study rooms and Sunday school rooms. Interior finish will be of pine with ornamental plaster. Plans provide for a central heating system, probably steam heat. Art glass windows will be used. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called shortly.

CITY HALL—4 story and dome, Class A construction, \$4,500,000. San Francisco, Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Plans for the plastering, metal lath and metal furring work to be done in the new City Hall have been completed and have received the approval of the Board of Public Works. Plans are now out for figures and bids will be opened on May 6th.

FLATS—2 story and base, frame, \$3,000. San Francisco, Architect, none. Owner, A. P. Buhman, 7 Shepard street, S. F. The building has been designed to contain two flats of five rooms each and will cover an area of 20 by 44½ feet. The building will be erected on the west side of Codman street south of Washington. Interior finish will be of pine and redwood. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with rustic and shiplap. Plans are in the hands of the owner and the work will be done by Day Labor.

FLATS—2 story and base, frame, \$14,000. San Francisco, Architect, M. J. Welsh, 22nd and Mission streets, S. F. Owner's name withheld. The building will be erected on Fourth avenue in the Sunset District, and will contain two modern flats of five and six rooms. A garage will occupy the basement. Interior will be finished in pine, redwood and elm panels. Hardwood floors will be used in the living rooms and dining rooms. Batha will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$5,000. San Francisco, Architect, none. Owners, John A. Hoots and Son, 251 Kearny street, S. F. The building will be erected on the west side of Ashbury street near 17th, covering an area of 25 by 64 feet. There will be two flats of five and six rooms. Interiors will be finished in pine and redwood with hardwood floors in the principal rooms. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

FLATS—3 story and base, frame, \$6,000. San Francisco, Architect, Edward F. Helms, 8th avenue and California street, S. F. Owner, O. E. Anderson. The building will be erected on 15th avenue near California, having a frontage of 25 feet and a depth of 85 feet. There will be two modern flats with garage in the basement. Each flat will consist of six rooms and bath. Interiors will be finished in pine and elm panels with hardwood floors in the living rooms, dining rooms and

reception halls. There will be open fire places in each living room with tile or brick mantels. Automatic water heaters will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

FLATS—3 story and base, frame, \$5,000. San Francisco. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, Mr. Shibeley. The building will be erected on Rich street near Fourth and has been designed to contain six flats of four and five rooms. Interior finish will be of pine and redwood. There will be open fire places and tile or stock mantels. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exterior of the house will be covered with rustic and shiplap. Plans are now being prepared.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, Mr. Segale. The building will be erected on Pfeiffer between Grant avenue and Stockton, and will contain two modern flats of five rooms each. Interiors will be finished in pine and redwood. Some oak floors will be used. Automatic water heaters will be installed. There will be open fire places and tile or brick mantels. Bath rooms and kitchens will have tile wainscot and composition floors. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

FLATS—2, 3 story and base, frame, \$4,000 to \$6,000. San Francisco. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner's name withheld. The building will be erected on Greenwich street near Powell. Each building will contain three flats ranging from four to six rooms. Interiors will be finished in pine and redwood with some elm panels and oak floors. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath and shiplap. Plans are now being prepared.

FLATS AND STORES—2 story and base, frame, \$5,000. San Francisco. Architect, M. J. Welsh, 22nd and Mission streets, S. F. Owner's name withheld. The building will be erected on San Bruno avenue and has been designed to contain a saloon, stores and flats. Flats will have from four to five rooms and baths. Interior finish will be of pine and redwood. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

HOTEL—4 story and base, reinforced concrete, \$25,000. San Francisco. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owners, Edward Franks and Edward Swift. The building will be erected on the south side of California street west of Kearny. The building will contain about 32 rooms and several public baths. Interior finish will be of pine and redwood. There will be steam heat and

a hot water supply. Bath rooms will have tile floors and wainscot. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

HOTEL—6 story and base. Class B construction, \$25,000. San Francisco. Architect, Chester H. Miller, Dalziel Bldg., Oakland. Owner's name withheld. The building will be erected on Post street, having a frontage of 25 feet and a depth of 68 feet. Interior will be arranged for in the neighborhood of 75 guest rooms, a large percentage of which will have private baths. Interior finish will be of pine throughout. There will be an office and lobby on the ground floor. Plans provide for steam heat, elevator service and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior will be faced with pressed brick trimmed with terra cotta. Plans are nearly complete and figures will be called for within a few days.

HOTEL ADDITION—1 story, frame, \$3,000. San Francisco. Architects, Safford & Kohberg, Clunie Bldg., S. F. Owner, Leopold Hirsch. The present one-story frame building on Third street at Folsom will be altered and an addition of one story will be constructed. Upper floor will be arranged for rooms. Interior finish will be of pine throughout. There will be a hot water supply. Exterior of the building will be covered with cement plaster. Modern plumbing and electric work is specified. Plans are complete and figures are being taken.

HOSPITAL SCREENS—Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans are complete for furnishing and installing wire window screens in the main group of the San Francisco Hospital. Bids are being taken by the Board of Public Works and will be opened on May 13th. An official proposal appears in another column of this issue.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owner, Paul Gerson. The dwelling has been designed for a seven room house with two baths, and will be erected on Commonwealth avenue in the Jordan Park Tract. Interior finish will be of pine and elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile floor and wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SCHOOL—2 story and base, reinforced concrete, \$116,000. San Francisco. Architect, Houghton Sawyer Shreve Bldg., S. F. Owners, City and County of San Francisco. Plans for the new Cooper School, which is to be erected at the southwest corner of Jones and Lombard streets, have been completed, and are now out for figures. The building will be of reinforced concrete with concrete floors, stairways and corridors. Metal lath and plaster interior partitions will be used. There will be steam heat, vac-

uum cleaning and program clocks. Interior finish will be of pine with maple floors in the class rooms. Exterior of the building will be faced with cement plaster. Bids will be opened on May 6th by the Board of Public Works. Separate bids are being taken for the general construction, heating, ventilating, plastering and metal lath and furring, plumbing, gas fitting and electric work. Official proposals appear under another heading in this issue.

APARTMENT HOUSE—3 story and base, frame, \$15,000. San Francisco. Architect, Arthur G. Scholz, Phelan Bldg., S. F. Owner, John Bayles. The building will be erected at the southeast corner of Third avenue and Hugo street, having a frontage of 35 feet and a depth of 86 feet. There will be a total of twelve suites of three and four rooms. Interior will be finished in pine with some elm panels and oak floors. All suites will have wall beds and private bath rooms. Plans provide for steam heat and a hot water system. Bath rooms will have the wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and subfigures are being taken on the various parts of the work.

APARTMENT HOUSE—3 story and base, frame, \$24,000. San Francisco. Architect, E. H. Denke, 1317 Hyde street, S. F. Owners, Max and Dora Kolander. The building will be erected at the southeast corner of Franklin and Sacramento streets, covering an area of 39½ feet by 79 feet. There will be a total of six apartments of three and four rooms with private baths. Interiors will be finished in pine, redwood and elm. Oak floors will be used in the principal rooms. Plans provide for steam heat and a hot water supply. Portable vacuum cleaners will be installed. All apartments will have wall beds. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. A brick veneer base will be used. Plans have been revised and new figures will be called for at once.

FLATS—3 story and base, frame, \$6,000. San Francisco. Architect, E. H. Denke, 1317 Hyde street, S. F. Owner, Joseph Jurisch. The building will be erected on the south side of California street west of Larkin, covering an area of 25 by 65 feet. There will be three modern flats of five and six rooms. Interiors will be finished in pine, redwood and hardwood veneer. Oak floors will be used in the principal rooms. There will be open fire places in the living rooms with tile mantels. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

HOTEL—6 story and base, reinforced concrete, \$40,000. San Francisco. Architect, Arthur G. Scholz, Phelan Bldg., S. F. Owners, Burnett Estate. The building will be erected on Clementina street between Third and Fourth streets, and will have a frontage of 40 feet and a depth of 60 feet. There will be two stores on the first floor besides the hotel office. Upper floors will contain a total of 70 rooms

and a number of public baths. Interior finish will be of pine throughout. Plans provide for steam heat, elevator service and a hot water supply. Bath rooms will have tile floors and wainscot. Exterior of the building will be faced with cement plaster in imitation of cut stone. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$10,000. San Francisco. Architect, H. H. Gutterston, 80 Post street, S. F. Owner, T. T. Mosby. The dwelling will be erected on San Luis street in St. Francis Wood, and has been designed to contain nine rooms, two baths and sleeping porch. Interior finish will be of pine, redwood and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have tile floors and wainscot and will be equipped with showers. Automatic water heaters will be installed. A garage will also be erected on the property. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

THEATRE AND STORES—1 story and base, frame and plaster, \$15,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner's name withheld. The building will be erected on Scott street near the Exposition grounds, and will cover an area of 60 by 100 feet. There will be three stores, a saloon and a motion picture theatre. Interior of the building will be finished in pine with ornamental plaster on the theatre. Special electric work will be required. Exterior of the building will be covered with cement plaster on metal lath. Working drawings are complete and figures will be taken in about a week.

STORES AND LOFTS—6 story and base, brick and steel, \$75,000. San Francisco. Architect, Alfred Henry Jacobs, 110 Sutter street, S. F. Owner, Charles Schlessinger. The building will be erected on the south side of Market street, west of Second and will have a frontage of 30 feet by a depth of 120 feet. There will be stores on the first floor and upper floors will be arranged for lofts. There will be a steel frame, brick exterior walls and metal lath and plaster interior partitions. Interior finish will be of pine throughout. Plans provide for elevator service, steam heat and metal window sash and frames. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Patent store fronts are specified. Plans are complete and figures are being taken.

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Am't.
1332	Bunner	Johnson	3300
1333	Guerrero	Nelson	2600
1334	Same	Same	2600
1335	Same	Same	2600
1336	Same	Same	2600
1337	Same	Same	2600
1338	Same	Same	2600
1339	De Gear	Hantzsch	2665
1340	Erhenboerst	Owner	800
1341	Cort	Ranklin	400
1342	Simpson	Simpson	400
1343	Drieschman	Owner	900

1344	Buhman	Buhman	2000
1345	Dillon	Moise	400
1346	Drug	Owner	400
1347	Stjostrom	Stjostrom	500
1348	Hooker	Van Sant	750
1349	Taristo	Peri	500
1350	Crocker	Crocker	500
1351	Bekin	Schaffer	30000
1352	Owens	Barrett	450
1353	Horgan	Carley	400
1354	Sanstrom	Hatch	500
1355	Hendrix	Hendrix	500
1356	Conlin	Mahony	12500
1357	Hugh	Neller	300
1358	Knock	Tilson	4400
1359	Raymond	Harder	3400
1360	Johnson	Demarais	2150
1361	Brando	Brando	3500
1362	Cuneo	Cuneo	3500
1363	Bleily	Anderson	5000
1364	Hoots	Hoots	5000
1365	Fege	Fege	4700
1366	Hadeler	Beach	17087
1367	Suey Wing	Stevens	2725
1368	Hueter	S. F. Elev	1750
1369	De Martini	Cuneo	12000
1370	Whittell	Sarraille	2556
1371	Mackillop	Mackillop	9000
1372	McKinnon	McKinnon	7000
1373	Scoble	Scoble	7000
1374	Hartley	Coburn	4500
1375	Hersko	Zane	2200
1376	Hosper	Hosper	2000
1377	Bauis	Smith	1196
1378	Stanaban	Stanaban	3000
1379	Yellowstone	Bernard	1000
1380	Schmidt	Finlayson	4500
1381	Witte	Kress	13215
1382	Schindler	Stevenson	1850
1383	Gl. W'n Power	Pahl	12000
1384	Hageman	Perrill	10000
1385	Flood	Cal Art Met	6440
1386	Same	Colusa	11000
1387	Riddle	Wallen	4500
1388	Hader	Hilpinis	3500
1389	Coleman	Sinnott	5000
1390	Same	Same	15000
1391	Butler	Stockholm	50000
1392	Per Realty	Stockholm	50000
1393	Butler	Stockholm	5000
1394	Levy	Fletcher	2180
1395	Martin	Sarraille	10150
1396	Hader	Hilpinis	10880
1397	Mullins	McCausland	765
1398	Klute	Mohler	2625
1399	Same	Same	2625
1400	Natl Ice	Natl Ice	60000
1401	Cummings	Rednall	3350
1402	Crimmins	Costello	2000
1403	Boeder	Boeder	4000
1404	Dwyer	Curry	1500
1405	Cambell	Anderson	2300
1406	Anderson	Anderson	2250
1407	Same	Same	2250
1408	Flood	Brady	35000
1409	Nelson	Nelson	6000
1410	Urban Rlty	Owner	10000
1411	Norris	Fletcher	7160
1412	Treable	Gillespie	2175
1413	Sherman	McGaffigan	400
1414	O'Connor	Beckwith	200
1415	Anderson	Butte	2000
1416	McDonald	Schroder	8377
1417	Junge	Montrouil	2250
1418	Witte	Kirsten	593
1419	Vallejo St. Ppty	Roland	20200
1420	Same	Koch	1548
1421	Edmonds	Johnson	2400
1422	Norris	Fletcher	7160
1423	Jordan	Riddle	6000
1424	Leigh	Schultz	3000
1425	Nyman	Nyman	1100
1426	Lapham	Lapham	2000
1427	Bruguere	Bruguere	1000
1428	Civ Elec	Rainey	450
1429	U. R. R.	U. R. R.	1500
1430	Brown	Brown	1500
1431	Dorn	Mentzel	400
1432	Brown	Brown	450
1433	Maher	Maher	1800
1434	Anderson	Anderson	6000
1435	White	Huntington	1000
1436	Lichtenstein	Scott Co	525
1437	Delsoe	Wygant	1000
1438	May	May	400
1439	Marin Co Prod.	Williams	1000
1440	Benz	Darbeck	450
1441	Langhorne	Brochages	900
1442	Boetens	Boetens	500
1443	Krucovsky	Cavaglieri	2000
1444	Monson	Monson	1800
1445	Same	Same	1800
1446	Southern Pacific	Owner	30000
1447	Frey	Frey	400
1448	Cerrutti	Cerrutti	400
1449	MacIntyre	MacIntyre	400
1450	Pacific Co	Braas	1800
1451	Greater City	Grahn	2150
1452	Kreng	McClenahan	1000
1453	Cusey	Henry	700
1454	Grannis	Grannis	6000
1455	Same	Same	6000
1456	Same	Same	6000
1457	Same	Same	6000
1458	Same	Same	8000

(1332) W SIXTEENTH AVE 78-11 N Clement N 25xW 120. All work for two-story and basement frame residence.

Owner.....Margaret Bunner.
Architect.....None.

Contractor, Joel Johnson, 110 Jessie, San Francisco.

Filed Apr. 18, '14. Dated Apr. 13, '14.

Roof on\$825
Brown coated 825
Completed 825
Usual 35 days..... 825

TOTAL COST, \$3200

Bond, \$1650. Sureties, N. F. Nielsen & E. V. Lacey, 65 days after Mar. 20. Force, none. Plans and specifications, none.

(1333) N TWENTY-THIRD ST E Douglas. One and one-half-story and basement frame dwelling.

Owner.....Guerrero Realty Co., 2565 Mission, San Francisco.

Architect.....None.

Contractor, Emil Nelson, 580 Jersey, San Francisco.

COST, \$2600

(1334) SE DOUGLASS AND 23RD. One and one-half-story frame dwlg.

Owner.....Guerrero Realty Co., 2565 Mission, San Francisco.

Architect.....None.

Contractor, Emil Nelson, 580 Jersey, San Francisco.

COST, \$2900

(1335) E DOUGLASS 23 N TWENTY-third. One and one-half-story and basement frame dwelling.

Owner.....Guerrero Realty Co., 2565 Mission, San Francisco.

Architect.....None.

Contractor, Emil Nelson, 580 Jersey, San Francisco.

COST, \$2000

(1336) E DOUGLASS 46 N Twenty-third. One and one-half-story and basement frame dwelling.

Owner.....Guerrero Realty Co., 2565 Mission, San Francisco.

Architect.....None.

Contractor, Emil Nelson, 580 Jersey, San Francisco.

COST, \$2000

(1337) E DOUGLASS 69 N Twenty-third. One and one-half-story and basement frame dwelling.

Owner.....Guerrero Realty Co., 2565 Mission, San Francisco.

Architect.....None.

Contractor, Emil Nelson, 580 Jersey, San Francisco.

COST, \$2000

(1338) E DOUGLASS 92 N Twenty-third. One and one-half-story and basement frame dwelling.

Owner.....Guerrero Realty Co., 2565 Mission, San Francisco.

Architect.....None.

Contractor, Emil Nelson, 580 Jersey, San Francisco.

COST, \$2000

(1339) W TWENTY-SECOND AVE 150 N Anza. One and one-half-story and basement frame dwelling.

Owner.....Philip J. De Gear, 347 3rd Ave., San Francisco.

Architect.....None.

Contractor, Hantzsch & McKay, 528 31st Ave., San Francisco.

COST, \$2665

SYNAGOGUE . . . FOR THE
 FIRST HEBREW CONGREGATION
 COR. 20th & WEBSTER STS.
 OAKLAND . . . CAL.
 G. ALBERT LANSBURGH
 ARCHITECT . . . S. F.



NEW EDIFICE FOR FIRST HEBREW CONGREGATION
 Oakland, Cal.

G. Albert Lansburgh, Architect
 San Francisco



NEW BELGRAVIA APARTMENT HOUSE
San Francisco

Frederick H. Meyer, Architect
San Francisco

(1340) NW ATHENS AND PERU.
One-story and basement frame dwlg.
Owner.....Mrs. Annie Erhenhoerst,
75 Athens, San Francisco.
Architect...None.
Day's work. COST, \$800

(1341) ELLIS NEAR STOCKTON. Lay
deafening felt and hair insulator.
Owner.....Cort Theatre, Premises.
Architect...None.
Contractor...C. D. Rankin, 724 Gough,
San Francisco.
COST, \$400

(1342) NO. 940 POTRERO AVE. Add
two rooms, new foundations and rat
proof.
Owner.....James Simpson, 451 Edin-
burgh, San Francisco.
Architect...None.
Day's work. COST, \$400

(1343) SANCHEZ NO. 66 (rear). Re-
move frame and replace with brick
walls.
Owner.....W. F. Drieschman, 29
Eureka, San Francisco.
Architect...None.
Day's work. COST, \$900

(1344) W CODMAN 77-6 S Washington.
Two-story and basement frame (2)
flats.
Owner.....A. P. Buhman, 7 Shepard,
San Francisco.
Architect...None.
Day's work. COST, \$3000

(1345) NO. 720 MARKET. Electric
sign.
Owner.....Tom Dillon, Premises.
Architect...None.
Contractor...Moise-Klinkner, 1212 Mar-
ket, San Francisco.
COST, \$400

(1346) NO. 453 MARKET. Extend
show windows.
Owner.....No Percentage Drug Co.,
Premises.
Architect...None.
Day's work. COST, \$400

(1347) NO. 183 SIXTH. Install bake
oven.
Owner.....Otto Sjostrom, Premises.
Architect...None.
Day's work. COST, \$500

(1348) NO. 511 GOLDEN GATE AVE.
Replace wood floor in garage.
Owner.....R. G. Hooker, 503 Market,
San Francisco.
Architect...None.
Contractor...Van Sant-Houghton Co.,
503 Market, S. F.
COST, \$750

(1349) W WHEAT 50 S Paul Ave. Add
two rooms and alter dwelling.
Owner.....G. Taristo, 491 Greenwich,
San Francisco.
Architect...None.
Contractor...A. Perl, 491 Greenwich,
San Francisco.
COST, \$500

(1350) W STOCKTON 90 N Sutter.
Construct store building.
Owner.....Crocket Estate Co., Crock-
er Bldg., San Francisco.
Architect...Edw. T. Poulkes, 1118
Crocket Bldg., S. F.
Day's work. COST, \$850

(1351) OTIS, bet. Duboce Ave and
Herman. Addition of six-story and
basement reinforced concrete storage
building.
Owner.....Martin Bekin, 190 Otis,
San Francisco.
Architect...Industrial Eng. Co., 519
California, San Francisco.
Contractor...W. A. Schaffer.
COST, \$30,000

NOTE:—Job started.

(1352) SW BROADWAY AND FRONT
Finish floor in basement.
Owner.....Owens & Vuger.
Architect...None.
Contractor...Barrett & Hilp, 422 Shar-
on Bldg., S. F.
COST, \$450

(1353) SW MISSION & TWENTY-
Third. Alter front and change store.
Owner.....H. C. Horgan, 2601 Mission,
San Francisco.
Architect...None.
Contractor...Oakley & Co., Inc., 1420
Powell, San Francisco.
COST, \$400

(1354) NOS. 3116-3118 WASHINGTON.
Raise and repair dwelling.
Owner.....E. A. Sandstrom, Premises.
Architect...None.
Contractor...H. L. Hatch, 4439 Geary,
San Francisco.
COST, \$500

(1355) NO. 109 TAYLOR. Install
brick range.
Owner.....J. D. Hendrix (Lessee), 109
Taylor, San Francisco.
Architect...None.
Day's work. COST, \$500

(1356) SW MARY AND NATOMA.
Three-story and basement brick lofts
Owner.....Jas. Conlin, 410 Natoma,
San Francisco.
Architect...None.
Contractor...Mahony Bros., 923 Crocker
Bldg., San Francisco.
COST, \$12,000

(1357) SW FOLSOM AND THIRD. Add
one-story lofts to frame building.
Owner.....L. Hirsch, 185 Stevenson,
San Francisco.
Architect...None.
Contractor...R. W. Moller, 185 Steven-
son, San Francisco.
COST, \$3000

(1358) N EDDY 90 E Scott. Two-
story and basement brick laundry.
Owner.....Isaac Knock, Susanville.
Architect...None.
Contractor...J. E. Tilson, 180 Jessie,
San Francisco.
COST, \$4400

(1359) S SHIPLEY 13 W Elizabeth.
Two-story and basement frame (5)
flats.
Owner.....Wm. Raymond, 40 Shipley,
San Francisco.
Architect...None.
Contractor...John Harder, 40 Shipley,
San Francisco.
COST, \$34 0

(1360) W TEXAS 150 N 20th. One-
story and basement frame dwlg.
Owner.....Albert Johnson, 315 Texas,
San Francisco.
Architect...None.
Contractor...B. W. Demarals, 732 Texas,
S. F.
COST, \$2150

(1361) NE CLAY & LEAVENWORTH.
Four-story and basement brick (9)
apartments and stores.
Owner.....E. A. Garlin, Premises.
Architect...None.
Contractor...Brandon & Lawson, Hearst
Bldg., San Francisco.
COST, \$25,000

(1362) W BAKER 62-6 S Filbert. Two
story and basement frame (2) flats.
Owner.....Louise Cuneo, 1243 Laguna
San Francisco.
Architect...John F. Haner, 3579 19th,
San Francisco.
Day's work. COST, \$3500

(1363) E FIFTEENTH AVE 50 N Cal-
ifornia N 25 E 102-6 — W 102-6. All
work for two-story and basement
frame flats.
Owner.....Katharine Evelyn Bleily
and Carrie W. Bleily.
Architect...None.
Contractor...O. E. Anderson, 215 10th
Ave., San Francisco.
Filed Apr. 20, 14. Dated Mar. 28, '14.
Roof on \$1275
1st coat plaster on 1375
Completed and accepted 1375
Usual 35 days 1375
TOTAL COST, \$5500

Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(1364) W ASHBURY 110 S 17th. Two
story and basement frame (2) flats.
Owner.....John A. Hoots & Son, 251
Kearny, San Francisco.
Architect...None.
Day's work. COST, \$5000

(1365) N GEARY 30 W Jordan Ave.
Two-story and basement frame dwlg.
Owner.....Frank Pegel, 366 10th Ave.,
San Francisco.
Architect...None.
Day's work. COST, \$4700

(1366) W MISSION 25-6 N 17th N 29-6
xW 70. All work for three-story and
basement frame apartments and
stores.
Owner.....C. Hadelor, 2094 Mission,
San Francisco.
Architect...M. Mattanovich, Hewes
Bldg., San Francisco.
Contractor...Beach & Heffernan, Hewes
Bldg., San Francisco.
Filed Apr. 20, 14. Dated Apr. 18, '14.
1st floor joists in place \$2000.00
Frame up 3600.00
Enclosed ready for lathing 3600.00
Brown coated 3615.00
Completed and accepted 1473.75
TOTAL COST, \$17,087.00
Bond, none. Limit, 100 days. Forfeit,
\$8. Plans and specifications filed.

(1367) W GRANT AVE 89-6 N Wash-
ington N 48xW 127-6. Alterations to
2nd and 3rd stories of three-story
Class "C" building.
Owner.....The Suey Wing Society,
Premises.
Architect...None.
Contractor...Brandt & Stevens, Hearst
Bldg., San Francisco.
Filed Apr. 20, '14. Dated Mar. 17, '14.
Plastering done \$908
Completed and accepted 808
Usual 25 days 908
TOTAL COST, \$2725
Bond, none. Limit, 45 days. Forfeit,
none. Plans and specifications filed.

(1365) BUSH NEAR POLK. One complete elevator for garage.

Owner.....E. L. Hueter, 816 Mission, S. F. by Ferguson & Locke Company.

Architect...Zanolini & Jewett, 604 Montgomery, S. F.

Contractor...San Francisco Elevator Co. 860 Folsom, San Francisco.

Filed Apr. 20, '14. Dated Apr. 14, '14.

Overheads and guides in.....\$431.25

Machine delivered.....431.25

Accepted.....431.25

Usual 35 days.....431.25

TOTAL COST, \$1725.00

Bond, none. Limit, 6 weeks. Forfeit, none. Specifications only filed.

(1369) W BAUER AVE 300 N Mission 26-10x101. All work for one-story and basement frame cottage.

Owner.....Giovannini De Martini. Architect...None.

Contractor...Andrea De Benedetti and G. Cuneo, 20 Cotter, S. F.

Filed Apr. 20, '14. Dated Apr. 13, '14.

Frame up and roof on.....

Rough coat plaster on.....

Completed and accepted.....

Usual 35 days.....

TOTAL COST, \$1750

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1370) N SACRAMENTO 160-5 E Jones E 22-11xN 120. All work except painting for one-story frame residence.

Owner.....Whitell Realty Co., 166 Geary, San Francisco.

Architect...W. L. Schmolle, 166 Geary, San Francisco.

Contractor...Sarraille & Lagomarsino, 2115 Powell, San Francisco.

Filed Apr. 20, '14. Dated Apr. 17, '14.

Frame up.....\$639

Finish coat plaster on.....639

Completed and accepted.....639

Usual 35 days.....639

TOTAL COST, \$2556

Bond, \$1278. Surety, Massachusetts Bonding & Insurance Co. Limit, 75 days. Forfeit, \$10. Plans and specifications filed.

NOTE:—1st report Apr. 13, No. 1224.

(1371) E SIXTH AVE 165 S Anza. Three-story and basement frame (6) flats.

Owner.....A. Mackillop, 654 Anza, San Francisco.

Architect...None.

Day's work.....COST, \$9000

(1372) S MORSE 437 N Lowell. One-story and basement frame dwlg.

Owner.....Dougal McKinnon, 985 Hampshire, San Francisco.

Architect...None.

Day's work.....COST, \$400

(1373) SE CALIFORNIA AND 11TH AVE. Two-story and basement frame (5) flats.

Owner.....Thos. Scobie, 363 14th Ave., San Francisco.

Architect...E. E. Young, 251 Kearny, San Francisco.

Day's work.....COST, \$7000

(1374) No. 126 FIFTEENTH AVE. Shingle dwelling and add bath and toilet.

Owner.....Roland E. Hartley, Prem. Architect...None.

Contractor...Ira W. C. Burn, Inc., 602 Hearst Bldg., S. F.

Architect...Matthew O'Brien, 68 Post, San Francisco.

Contractor...Geo. Bernard, 3384 16th, S. F. COST, \$1000

(1380) E FILLMORE 77-6 S Filbert S 30x E 87-6. All work except grates, tiles, gas and electric fixtures, shades and painting for alterations and additions to two-story frame into store and flats.

Owner...R. W. and Geo. H. Schmidt, 3063 Fillmore, S. F.

Architect...W. Mooser, Nevada Bank

(1375) NO. 460 McALLISTER. General repairs to factory.

Owner.....S. Hersko, 377 McAllister, San Francisco.

Architect...None.

Contractor...W. B. Zane, 114 Russ, S. F. COST, \$2200

(1376) NO. 2020 HOWARD. Remove partitions, concrete floor and repairs.

Owner.....G. W. Hooper, Premises. Architect...None.

Day's work.....COST, \$2000

(1377) NO. 3128 SACRAMENTO. Raise repair and alter laundry.

Owner.....V. Baulx, 3478 Sacramento, San Francisco.

Architect...None.

Contractor...W. Smith, 428 Collingwood, San Francisco.

COST, \$1196

(1378) NO. 619 ARGUELLO BLVD. Raise, addition and alter dwelling.

Owner.....Mrs. F. E. Stanahan, 602 1st National Bank Bldg., San Francisco.

Architect...Bernard J. Joseph, 602 1st National Bank Bldg., S. F.

Day's work.....COST, \$3000

(1379) NO. 22 MONTGOMERY. Alterations.

Owner.....Yellowstone Saloon, Prem. Bldg., San Francisco

Contractor...M. M. Finlayson, 2429 Vallejo, San Francisco.

Filed Apr. 21, '14. Dated Apr. 13, '14.

On 1st and 15th of each month 75%

Usual 35 days.....25%

TOTAL COST, \$4500

Bond, \$2250. Sureties, Jno. Cassaretto and F. G. Eickhorst. Limit, 90 days after Apr. 15. Forfeit, \$10. Plans and specifications filed.

(1381) NE ELEVENTH AVE & GEAR: E 32-6xN 100. All work except plumbing, painting, electric work, shades, grates and light fixtures for three-story and basement frame stores and apartments.

Owner.....Mrs. Bertha Witte, 233 Collingwood, S. F.

Architect...E. A. Neumarkel, 948 Market, San Francisco.

Contractor...S. B. Kress, 2039 Green, San Francisco.

Filed Apr. 21, '14. Dated Apr. 21, '14.

2nd floors joists laid.....\$2470

Ready for plaster.....2470

Plastering done and standing finish on.....2470

Completed and accepted.....2495

Usual 35 days.....3210

TOTAL COST, \$13,215

Bond, \$6650. Surety, Massachusetts Bonding & Insurance Co. Limit, 100 days. Forfeit, \$15. Plans and specifications filed.

(1382) S WOOLSEY 30 E Girard S 100 x E 25 ptn Blk 7 University Md Survey. All work for one-story and attic frame cottage.

Owner.....Bernhard and Bertha Schindler, 150 Noe, S. F.

Architect...Stevenson & Gowan, 112 Girard, San Francisco.

Contractor...Stevenson & Gowan, 112 Girard, San Francisco.

Filed Apr. 21, '14. Dated Apr. 15, '14.

Frame finished.....\$575

Brown coated.....425

Completed and accepted.....425

Usual 35 days.....425

TOTAL COST, \$1850

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1383) ACROSS BAY OF SAN FRANCISCO from Oakland to San Francisco. Lay a 3 conductor submarine cable 21,600 feet long.

Owner.....Great Western Power Co., 233 Post, San Francisco.

Architect...None.

Contractor...A. J. Pahl, 27 Stevenson, San Francisco.

Filed Apr. 21, '14. Dated Apr. 8, '14.

\$1800 to be paid upon laying and completion of every 4 lengths of said cable

Usual 35 days, balance.....\$4800

TOTAL COST, \$12,000

Bond, \$6000. Surety, Aetna Accident & Liability Co. Limit, forfeit, none. Specifications only filed.

(1384) E BAKER 87-6 S Bush 25x100. All work or two-story and basement frame flats.

Owner.....H. M. Hagemann, 1529 Pine, San Francisco.

Architect...None.

Contractor...W. A. and C. C. Terrill, 3631 17th, San Francisco.

Filed Apr. 21, '14. Dated Apr. 21, '14.

Frame up.....\$1211

Brown coated.....1212

Completed and accepted.....1212

Usual 35 days.....1215

TOTAL COST, \$4850

Bond, \$2425. Sureties, W. B. Morris & C. J. Hillard. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(1385) N BROADWAY 68-9 W Webster W 148-9xN 275. Bronze fence and gates also eight bronze balconies for residence.

Owner...Jas. L. Flood, Flood Bldg., San Francisco.

Architect...Bliss & Faville, Balboa Bldg., San Francisco.

Contractor...California Artistic Metal & Wire Co., 365 7th, S. F.

Filed Apr. 21, '14. Dated Apr. 13, '14.

On 1st of each month.....75%

Usual 35 days, 25%.....\$1810

TOTAL COST, \$6440

Bond, \$3220. Surety, National Surety Co. Limit, 90 days. Forfeit, \$50. Plans and specifications filed.

(1386) TENNESSEE MARBLE AND granite work for fences, curbing and light balconies on above.

Contractor...Colusa Sandstone Co., 3 Potrero Ave., S. F.

Filed Apr. 21, '14. Dated Apr. 13, '14.

Payments same as above.....

TOTAL COST, \$11,000

Guaranty bond in favor of owner. Sureties, F. E. Knowles and Abel Hosmer. Limit, 4 months. Forfeit, \$50. Plans and specifications filed.

(1387) W JORDAN AVE 333-4 S
Euclid Ave W 120 N 33-4 E 120 th
33-4 to beg. All work except grad-
ing and heating for two-story and
basement frame residence.
Owner.....L. V. Riddle, 201 Euclid
Ave., San Francisco.
Architect...O'Brien Bros., Inc., Clunie
Bldg., San Francisco.
Contractor...A. M. Wallen, 1253 Waller,
San Francisco.

Filed Apr. 21, '14. Dated Apr. 20, '14.
2nd story joists set.....\$ 844
Building roofed and enclosed..... 844
Brown coated and plumbing and
electric work roughed in..... 844
Completed and accepted..... 843
Usual 35 days..... 1125

TOTAL COST, \$4500
Bond, none. Limit, 90 days. Forfeit,
\$5. Plans and specifications filed.

(1388) W EIGHTH AVE 275 S Judah.
Two-story and basement frame resi-
dence.
Owner.....Miss Emily Cove, 3626 17th
San Francisco.
Architect...G. A. Fisher, 2918 Domingo
Ave., Berkeley.
Contractor...W. H. Fraser, 658 Fell,
San Francisco.

COST, \$3000

(1389) W RAUSCH 73 S Howard.
Three-story and basement frame (6)
flats.
Owner.....Daniel C. Coleman, Knick-
erbocker Hotel, Taylor &
Post, San Francisco.
Architect...Wm. Beasley, 127 Mont-
gomery, San Francisco.
Contractor...R. Sinnott, 127 Montgom-
ery, San Francisco.

COST, \$5000

(1390) SW HOWARD & RAUSCH
Three-story and basement frame (12)
four-room flats.
Owner.....Edward and Margaret
Coleman.
Architect...Wm. Beasley, 127 Mont-
gomery, San Francisco.
Contractor...R. Sinnott, 127 Montgom-
ery, San Francisco.

COST, \$15,000

(1391) SW PINE AND POLK. Two-
story and basement Class "C" stores.
Owner.....Mrs. Emma Butler, Butler
Bldg., San Francisco.
Architect...Reid Bros., 105 Mont-
gomery, San Francisco.
Contractor...Stockholm & Allyn, Mo-
nadnock Bldg., S. F.

COST, \$4000

(1392) NE GEARY AND FILLMORE.
Two-story and basement brick stores
and hotel.
Owner.....Peninsular Realty Corpo-
ration, Butler Bldg., S. F.
Architect...Reid Bros., 105 Mont-
gomery, San Francisco.
Contractor...Stockholm & Allyn, Mo-
nadnock Bldg., S. F.

COST, \$50,000

(1393) E STEINER 70-6 N Sutter. One
story and basement brick storage
building.
Owner.....Emma G. Butler, Butler
Bldg., San Francisco.
Architect...Reid Bros., 105 Mont-
gomery, San Francisco.
Contractor...Stockholm & Allyn, Mo-
nadnock Bldg., S. F.

COST, \$5000

(1394) W THIRD 75 N Harrison. One
story frame (2) stores.
Owner.....M. Levy.
Architect...Sidney B. Newsom, Nevada
Bank Bldg., S. F.
Contractor...J. P. Fletcher, 310 Lick
Bldg., San Francisco.

COST, \$2180

(1395) S PACIFIC 200 E Montgomery.
One-story reinforced concrete amuse-
ment building.
Owner.....Ed. Martln.
Architect...P. De Martini, 2123 Powell,
San Francisco.
Contractor...Sarraille & Lagomarsino,
2115 Powell, S. F.

COST, \$10,150

(1396) W MISSION, bet 16th and 17th.
Concrete, ornamental iron, carpenter
and mill work, roofing, stairs, sheet
metal, glass and glazing, chimneys,
lath and plaster, etc. for three-story
store and apartment house.
Owner.....C. Hadelor, 2095 Mission,
San Francisco (by Beach
Heffernan, Hewes Bldg.,
San Francisco.
Architect...M. Mattanovich, Hewes
Bldg., San Francisco.
Contractor...V. Filippis, 1223 Kearny,
San Francisco.

Filed Apr. 22, '14. Dated Apr. 20, '14.
1st floor joists in place.....\$1000
Frame up 2500
Ready for lathing 2000
Finished 2600
Usual 35 days 2720

TOTAL COST, \$10,880
Bond, limit, forfeit, none. Plans and
specifications filed.

(1397) LOT 26 BLK "X" Park Lane
Tract No. 3. All work for three-room
and bath frame cottage.
Owner.....Mary E. Mullins.
Architect...None.
Contractor...Geo. V. McCausland, 4173
23rd, San Francisco.

Filed Apr. 22, '14. Dated Apr. 20, '14.
Frame up and rafters in place.....\$191.25
Rough plumbing in 191.25
Completed and accepted..... 191.25
Usual 35 days..... 191.25

TOTAL COST, \$765.00
Bond, \$400. Sureties, E. A. Hoadley
and F. A. McCausland. Limit, 60 days.
Forfeit, none. Plans and specifications
filed.

(1398) E EIGHTEENTH AVE 75 S
Anza. Two-story and basement frame
dwelling.
Owner.....Wm. Klute, 5th Ave and
Clement, S. F.
Architect...None.
Contractor...T. E. Mohler, 255 8th Ave.,
San Francisco

COST, \$2625

(1399) E EIGHTEENTH AVE 50 S
Anza. Two-story and basement frame
dwelling.
Owner.....Wm. Klute, 5th Ave and
Clement, S. F.
Architect...None.
Contractor...T. E. Mohler, 255 8th Ave.,
San Francisco.

COST, \$2625

(1400) SE SANSOME AND UNION.
Five-story and basement brick cold
storage warehouse

Owner.....National Ice & Cold Storage
Co., of California,
Postal Telegraph Bldg.,
San Francisco.
Chief Engineer...Chas. Wallace, Care
National Ice & Cold Stor-
age Company.

Day's work. COST, \$60,000

(1401) E ASHBURY TERRACE 156-4
S Piedmont. Two-story and base-
ment frame dwelling.
Owner.....Elien M. Cummings, 2041
Market, San Francisco.
Architect...None.
Contractor...W. W. Rednall, 2500 Fil-
bert, San Francisco.

COST, \$3950

(1402) W DOUGLASS 58 S 21st. Two
story and basement frame residence.
Owner.....Thomas Crimmins, 1146
Sanchez, San Francisco.
Architect...None.
Contractor...Costello & Fearick, 93
College Ave., S. F.

COST, \$2000

(1403) W FOURTEENTH AVE 155 S
Geary. Two-story and basement
frame dwelling.
Owner.....A. E. Roeder, 1499 Golden
Gate Ave., San Francisco.
Architect...John H. Powers, 460 Mont-
gomery, San Francisco.

Day's work. COST, \$4800

(1404) NO. 588 NATOMA. Raise build-
ing concrete foundation, cement floor
and additions.
Owner.....Jos. F. Dwyer, 317 Eureka
San Francisco.
Architect...None.
Contractor...A. Curry, 594 Natoma,
San Francisco.

COST, \$1500

(1405) S CORBETT AVE 100 E Danvers
Two-story and basement frame dwlg
Owner.....Mrs. Cambell, 225 Corbett
Ave., San Francisco.
Architect...None.
Contractor...Chas. J. Anderson, 3942
29th, San Francisco.

COST, \$2300

(1406) E TENTH AVE 50 S Lawton.
Two-story and basement frame dwlg.
Owner.....A. V. Anderson, 4223 23rd,
San Francisco.
Architect...None.

Day's work. COST, \$2250

(1407) E TENTH AVE 25 S Lawton.
Two-story and basement frame dwlg.
Owner.....A. V. Anderson, 4223 23rd,
San Francisco.
Architect...None.

Day's work. COST, \$2250

(1408) NW TOWNSEND & SEVENTH.
Repair fire damage of large brick
and frame junk warehouse.
Owner.....James Flood.
Architect...Albert Pissis, Flood Bldg.,
San Francisco.
Contractor...M. V. Brady, Monadnock
Bldg., San Francisco.

COST, \$25,000

(1409) E MONCADA 222 S Paloma.
Two-story and basement frame resi-
dence.
Owner.....Thomas Nelson.
Architect...A. H. Halling, 2011 Shat-
tuck Ave., Berkeley.

Contractor...A. D. Nelson, 1061 Nevada
Bank Bldg., San Francisco.
COST, \$5000

(1410) N MERCEDES WAY 125 E
Junipero Sierra Two-story and
basement frame dwelling.
Owner.....Urban Realty & Imp. Co.,
85 Cerritos Ave., S. F.
Architect...Joseph Leonard, 85 Cer-
ritos Ave., San Francisco.
Day's work. COST, \$10,000

(1411) NE ROLPH AND MUNICH.
One-story and basement frame dwlg.
Owner.....H. Fleurt, 287 Rose Ave.,
San Francisco.
Architect...None.
Day's work. COST, \$1800

(1412) NO. 1031 STANYAN. Alter
building into flats.
Owner.....Mrs. Augusta Treable,
Easton, California.
Architect...None.
Contractor...G. G. Gillespie, 180 Jessie,
San Francisco.
COST, \$2175

(1413) W ARGUELLO BLVD. 100 S
Anza. Minor additions and repairs.
Owner.....A. Sherman.
Architect...None.
Contractor...T. J. McLaughlin, 482 2nd
Ave., San Francisco.
COST, \$400

(1414) W BARTLETT, bet. 25th and
26th. All work for two-story frame
flats and removal of old building.
Owner.....J. J. Connor.
Architect...None.
Contractor...W. A. Beckwith, 427 Bart-
lett, San Francisco.
Filed Apr. 23, '14. Dated Apr. 21, '14.
New building enclosed and old
building completed\$782
Plastering completed 783
Completed and accepted 783
Usual 35 days. 786
TOTAL COST, \$3135
Bond, \$1600. Sureties, Geo. Ryan and
Nettie E. Beckwith. Limit, 45 days.
Forfeit, none. Plans and specifi-
cations filed.

(1415) SE EIGHTH AND FOLSOM.
Electric work for two-story rein-
forced concrete laundry building.
Owner.....Galland Mercantile Lau-
ndry Inc., 317 8th. by The
Clinton Fireproofing Co.,
Mutual Bank Bldg., S. F.
Architect...Milton Lichtenstein, 111
Ellis, San Francisco.
Contractor...Butte Eng. & Elec. Co., 683
Howard, San Francisco.
Filed Apr. 23, '14. Dated Apr. 9, '14.
On 10th of each month. 75%
Usual 35 days. 25%
TOTAL COST, \$2000
Bond, \$1000. Surety, National Surety
Co. Limit, forfeit, none. Plans and
specifications, none.

(1416) SE DUROCE AVE & WALTER
All work for 3-story frame apart-
ment building.
Owner.....E. J. McDonald, Premises.
Architect...O. R. Thayer, Merchants
National Bank Bldg., S. F.
Contractor...Schroeder & McIntosh, 765
Folsom, San Francisco.
Filed Apr. 23, '14. Dated Apr. 22, '14.
3rd story joists in place.\$2094.00
Brown coated 2094.00
Accepted 2094.00

Usual 35 days 2095.50
TOTAL COST, \$8375.50
Bond, \$4188. Sureties, Atlas Planning
Mills and Jas. Cantley. Limit, 100
days. Forfeit, none. Plans and specifi-
cations filed.

NOTE.—First report Apr. 11. No. 1177

(1417) N SILVER AVE 400 W Congdon
Lot 21 BIK 9, College Hd Ass'n. All
work for one and one-half-story
frame building.
Owner.....Frank and Mrs. Frank
Junge, 125 Silver Ave., S. F.
Architect...None.
Contractor...Phillip W. Montrouil, 255
Moultrie, San Francisco.
Filed Apr. 23, '14. Dated Apr. 22, '14.
Rough frame up\$500
Brown coated 500
Completed and accepted 650
Usual 35 days. 600
TOTAL COST, \$2250
Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

(1418) VALLEJO STREET, bet. Tay-
lor and Jones. Improvements.
Owner.....Constance L. and Robert
A. Dean, R. G. Hanford,
Albert Hanford, Atty., Ho-
ratio P., Helen E. and
Norman B. Livermore,
Peter Lowry, Daisy Polk,
Mary C. Richardson and
Dora N. Williams (The
Vallejo Street Property
Owners).
Architect...Willis Polk & Co., Mer-
chants' Exchange Bldg.,
San Francisco.
Contractor...F. Rolandi, 550 Montgo-
mery, San Francisco.
Filed Apr. 23, '14. Dated Apr. 2, '14.
On 15th of each month. 75%
Usual 35 days. 230
TOTAL COST, \$20,200
Bond, \$10,100. Sureties, Padini J. Bac-
galupi and Horace J. Perazz. Limit,
Aug. 15. Forfeit, \$10. Plans and specifi-
cations filed.

(1419) NE ELEVENTH AVE & GEAR
E 32-6xN 100. Electric wiring and
interphone system for two-story and
basement frame residence.
Owner.....Mrs. Bertha Witte, 238 Col-
lingwood, San Francisco.
Architect...E. A. Neumarkel, 948 Mar-
ket, San Francisco.
Contractor...W. H. Kirsten, 55 Mc-
Allister, S. F.
Filed Apr. 23, '14. Dated Apr. 23, '14.
Wiring roughed in\$220
Completed 223
Usual 35 days. 150
TOTAL COST, \$593
Bond, \$300. Surety, Massachusetts
Bonding & Insurance Co. Limit, with-
out delay. Forfeit, none. Plans and
specifications filed.

(1420) PLUMBING, DRAINING, GAS
fitting, etc. on above.
Contractor...F. Koch & Son, 1808 Mar-
ket, San Francisco.
Filed Apr. 23, '14. Dated Apr. 23, '14.
Plumbing, gas and water pipes
roughed in\$660
Completed and accepted 500
Usual 35 days. 388
TOTAL COST, \$1548
Bond, \$800. Surety, Massachusetts
Bonding & Insurance Co. Limit, 50
days. Forfeit, \$7.50. Plans and specifi-
cations filed.

(1421) E TWENTY-SEVENTH AVE
115 N Balboa N 25x E 120. All work
for two-story and basement residence
Owner.....James W. Edmonds, Phelan
Bldg., San Francisco.
Architect...None.
Contractor...Joel Johnson, 1139 Kansas,
San Francisco.
Filed Apr. 23, '14. Dated Apr. 23, '14.
Frame up\$600
Enclosed and brown coated 600
Completed and accepted 600
Usual 35 days. 600
TOTAL COST, \$2400
Bond, none. Limit, 65 days from Apr. 27.
Forfeit, none. Plans and specifi-
cations filed.

(1422) W COMMONWEALTH AVE 265
N Geary W 120xN 40. All work for
two-story and basement frame resi-
dence.
Owner.....Stella H. Morris.
Architect...Chas. C. Frye, 26 Mont
gomery, San Francisco.
Contractor...Jas. P. Fletcher, Lick Bldg.,
San Francisco.
Filed Apr. 23, '14. Dated Apr. 21, '14.
Frame completed\$1000
Brown coated 1500
Standing finish on 1500
Completed and accepted 1370
Usual 35 days. 1790
TOTAL COST, \$7160
Bond, \$3580. Surety, Massachusetts
Bonding & Insurance Co. Limit, 90
days. Forfeit, \$5. Plans and specifi-
cations filed.

(1423) E JORDAN AVE 230 N Geary.
Two-story and basement frame
dwelling.
Owner.....Jeanette A. Jordan, 201
Euclid Ave., San Francisco
Architect...J. M. Geary, 23rd and
Folsom, San Francisco.
Contractor...L. V. Riddle, 201 Euclid
Ave., San Francisco.
COST, \$6000

(1424) E FIFTEENTH AVE 60 S
Anza. Two-story and basement
frame dwelling.
Owner.....Leigh & Schultz, 330 8th
Ave., San Francisco.
Architect...None.
Day's work. COST, \$3000

(1425) SE POWHATTAN & ELLS-
worth. One and one-half-story and
basement frame dwelling.
Owner.....C. Nyman, 107 Madrid,
San Francisco.
Architect...None.
Day's work. COST, \$1100

(1426) W TWELFTH AVE 250 S Anza
Two-story ad basement frame dwlg.
Owner.....A. R. Lapham, 1853 Mc-
Allister, San Francisco.
Architect...None.
Day's work. COST, \$2750

(1427) S CALIFORNIA 131-3½ E
Sansone. Alter store.
Owner.....The Bruguiere Co., 133
Geary, San Francisco.
Engineer...Clifford B. Rushmer, 520
Commercial, S. F.
Day's work. COST, \$1000

(1428) S POST 66-10 E Polk. Under-
pin east wall.
Owner.....City Electric Co., 233 Post,
San Francisco.
Architect...None.

Contractor..Ralney & Phillips, 180
Jessie, San Francisco.
COST, \$150

(1429) No. 2629 SAN JOSE AVE. Add
two rooms, general repairs, concrete
foundation and floor for cottage.
Owner.....United Rail Roads, Hol-
brook Bldg., San Francisco
Architect...None.
Day's work. COST, \$400

(1430) W LISBON 100 S Excelsior.
One and one-half-story and base-
ment frame dwelling.
Owner.....Ward C. Brown, 2945 Har-
rison, San Francisco.
Architect...None.
Day's work. COST, \$1500

(1431) E POWELL 100 S Geary.
Erect marquee.
Owner.....F. A. and M. A. Dorn, Phe-
lian Bldg., San Francisco.
Architect...G. H. Gibson, 548 Bryant,
San Francisco.
Contractor..G. A. Mentzel, 548 Bryant,
COST, \$400

(1432) NO. 3111 FILLMORE. Erect
marquee.
Owner.....W. C. Brown, Premises.
Architect...None.
Contractor..Guilfooy Cornice Works,
229 8th, San Francisco.
COST, \$450

(1433) S CHENERY 100 E Burnside.
One and one-half-story and basement
frame dwelling.
Owner.....J. F. Maker, 919 Chenery,
San Francisco.
Architect...None.
Day's work. COST, \$1800

(1434) E FIFTEENTH AVE 75 N
California. Two-story and basement
frame (2) flats.
Owner.....O. E. Anderson, 215 10th
Ave., San Francisco.
Architect...E. E. Helms, 5th Ave and
California, San Francisco.
Day's work. COST, \$6000

(1435) E SAN JOSE AVE 175 N Lake
View. One-story and basement frame
dwelling.
Owner.....B. L. White.
Architect...None.
Contractor..T. M. Huntington, 149
Belevue, San Francisco.
COST, \$1000

(1436) SW ELLIS & POWELL. Lay
tile floors.
Owner.....B. H. Lichtenstein, 111
Ellis, San Francisco.
Architect...Milton Lichtenstein, 111
Ellis, San Francisco.
Contractor..Scott Co., 243 Minna, S. F.
COST, \$325

(1437) E STANYAN 37-6 S Page. Ex-
cavate and erect brick foundation.
Owner.....J. F. Delso, 818 Treat Ave
San Francisco.
Architect...None.
Contractor..Wygant & Collins, 180
Jessie, San Francisco.
COST, \$1000

(1438) NO. 3322A FILLMORE. New
front and concrete floor.
Owner.....D. E. May, 1858 Filbert,
San Francisco.
Architect...None.
Day's work. COST, \$400

(1439) NO. 25 OAK GROVE AVE. Re-
pair fire damage, new T and G roof,
erect brick wall and carpenter work
for dairy.
Owner.....Marin County Milk Pro-
ducers, Premises.
Architect...None.
Contractor..F. J. Williams, Oakland.
COST, \$1000

(1440) S GILMAN 225 E Rail Road
Ave. One-story and basement frame
dwelling.
Owner.....Amalia Benz, 1246 Hol-
lister, San Francisco.
Architect...None.
Contractor..John Drabeck, 1246 Hol-
lister, San Francisco.
COST, \$450

(1441) NO. 1705 BRODERICK. Re-
pair exterior and interior of dwlg.
Owner.....J. P. Langhorne, 2419
Pacific Ave. S. F.
Architect...None.
Contractor..F. A. Brockhage, 1326 Na-
toma, San Francisco.
COST, \$900

(1442) NO. 1917 OAKDALE AVE. Add
one-story frame to dwelling.
Owner.....Edward Baetens, Prem.
Architect...None.
Day's work. COST, \$500.

(1443) W WHITNEY 575 S 36th S 25
xW 125 Ptn Bk 26, Fairmount. Re-
moval from 72 Whitney, alterations
and additions to two-story frame
building.
Owner.....John and Mary Krucovsky
Premises.
Architect...None.
Contractor..G. Cavaglieri, 59 Potrero
Ave., San Francisco.

Filed Apr. 24, '14. Dated Apr. 17, '14.
Grading and concrete foundations
done \$650
House moved, enclosed and plaster-
ed 650
Completed and accepted 600
Usual 35 days..... 650
TOTAL COST, \$2600
Bond, \$1300. Surety, Massachusetts
Bonding & Insurance Co. Limit, Sept.
1, 1914. Forfeit, any loss owner may
sustain. Plans and specifications filed.

(1444) S ALVARADO 255 W Castro.
One and one-half-story and basement
frame dwelling.
Owner.....F. Monson, 865 Church,
San Francisco.
Architect...None.
Day's work. COST, \$1800

(1445) S ALVARADO 280 W Castro.
One and one-half-story and basement
frame dwelling.
Owner.....F. Monson, 865 Church,
San Francisco.
Architect...None.
Day's work. COST, \$1800

(1446) BET. THIRD AND SEVENTH.
Townsend and King. Improvement
on railroad property.
Owner.....Southern Pacific Co., 3rd
and Townsend, S. F.
Architect...None.
Day's work. COST, \$30,000

(1447) HOPPER AND EIGHTH. Lay
new floor.
Owner.....John Frey, 274 Valley,
San Francisco.
Architect...None.

Day's work. COST, \$400

(1448) NO. 633 LISBON. Add two
rooms and shingle exterior of dwlg
Owner.....P. Cerrutti, Premises.
Architect...None.
Day's work. COST, \$100

(1449) NO. 310 JULES AVE. Add one
room to dwelling.
Owner.....W. J. O'Connor, Premises.
Architect...None.
Contractor..T. P. MacInnis, 9 Granada
Ave., San Francisco.
COST, \$400

(1450) SW FOURTH AND MARKET
Alter show windows.
Owner.....The Pacific Co., 437 Bank-
ers' Invest. Bldg., S. F.
Architect...J. L. Meyer, 437 Bankers'
Investment Bldg., S. F.
Contractor..Braas & Kuhn, 437 Bank-
ers' Invest. Bldg., S. F.
COST, \$1800

(1451) E ARKANSAS 191 N 22nd. One
and one-half-story and basement
frame dwelling.
Owner.....Greater City Lumber Co.,
Army & Alabama, S. F.
Architect...None.
Contractor..Wm. H. Grahn, 2840 Ery-
ant, San Francisco.
COST, \$2150

(1452) E FIRST 137-6 S Folsom. Re-
pair present frame shed and addi-
tion.
Owner.....Oscar Kreng Copper &
Brass Works, Premises.
Architect...None.
Contractor..T. W. McClenahan & Co.,
332 16th Ave. S. F.
COST, \$1000

(1453) NO. 723 GROVE. Alter in-
terior of residence.
Owner.....Annie L. Casey et al, 723
Grove, San Francisco.
Architect...Mr. Hirschbaum.
Contractor..F. N. Henry, 1560 11th
Ave., San Francisco.
COST, \$700

(1454) S WASHINGTON 85-6 W
Franklin. Three-story and base-
ment frame dwelling.
Owner.....Frank R. Grannis, 2471
Jackson, S. F.
Architect...E. E. Young, 251 Kearny,
San Francisco.
Day's work. COST, \$6000

(1455) S WASHINGTON 111-6 N
Franklin. Three-story and base-
ment frame dwelling.
Owner.....Frank R. Grannis, 2471
Jackson, S. F.
Architect...E. E. Young, 251 Kearny,
San Francisco.
Day's work. COST, \$6000

(1456) S WASHINGTON 33-6 W
Franklin. Three-story and base-
ment frame dwelling.
Owner.....Frank R. Grannis, 2471
Jackson, S. F.
Architect...E. E. Young, 251 Kearny,
San Francisco.
Day's work. COST, \$6000

(1457) S WASHINGTON 59-6 W
Franklin. Three-story and base-
ment frame dwelling.
Owner.....Frank R. Grannis, 2471
Jackson, S. F.

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used for moving the
Commercial High
School Building were
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38-40 NATOMA ST., S. F.

SCHRADER
INC. **IRON**
WORKS

**Structural Steel
Contractors**

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HARRISON ST.,
bet. 8th & 9th
San Francisco

Telephone Market 337

Architect... E. E. Young, 251 Kearny,
San Francisco.

Day's work, COST, \$6000

(1458) SW FRANKLIN & WASHING-
ton. Three-story and basement
frame apartments.

Owner..... Frank H. Grannis, 2471
Jackson, S. F.

Architect... E. E. Young, 251 Kearny,
San Francisco

Day's work, COST, \$8000

NOTICE CONTRACTORS & BUILDERS

Analysis of Workmen's Compensation
Act free on request, DONALD HORN,
Attorney-at-Law, 224 Holbrook Bldg.

NOTICE OF NON-RESPONSIBILITY.

Apr. 23, 1914—SW EMBARCADERO
and Greenwich W 102-11% S 275 E
237-11% NW 306-14% Whittell
Realty Co as to improvements on
leased property
Apr. 24, 1914—LOT 12 BLK 12 Crock-
er Bay Shore Tract, Arthur G
Duncan as to improvements on
leased property

INCORPORATIONS.

Assets Holding Co. Capital Stock,
\$200,000; subscribed, \$150; shares, \$1
each. Directors—S. T. Kistler, C. M.
Miall, A. G. Stoll, 50 shares each Place
of business, San Francisco.

D. and S. Investment Co. Capital
Stock, \$10,000; subscribed, \$40; shares,
\$10 each. Directors—J. E. Bien, A. M.
Marks, H. P. Thomas, A. Maracci, 1
share each. Place of business, S. F.

The Stern Browne Co. Capital Stock,
\$5000; subscribed, \$30; shares, \$10 each.
Directors—B. Stern, S. H. Browne, T.
W. Hubbard, 1 share each. Place of
business, San Francisco.

Seun Concentrator Co. Capital
Stock, \$200,000; subscribed, \$50; shares,
\$1 each. Directors—G. A. Scott, C. Seun
J. A. Bunting, E. H. Shachelford, R. E.
Esson, 10 shares each. Place of busi-
ness, San Francisco.

California College of Chiroprody.
Capital Stock, \$10,000; subscribed, \$370;
shares, \$1 each. Directors—R. T.
Lennor, H. Ryberg, J. Brown, 100
shares each; R. E. Reese, 50 shares; C.
L. Scharff, 10 shares; A. Levy, and G.

Wolff, 5 shares each. Place of busi-
ness, San Francisco.
Jones Duncan Paint Co. Capital Stock,
\$250,000; subscribed, \$88,300; shares,
\$100 each. Directors—G. H. Jones, 570
shares; C. L. Duncan, 101 shares; E. C.
Duncan, 201 shares; A. D. Duncan, F.
H. La Faille, 1 share each. Place of
business, San Francisco.

COMPLETION NOTICES.

San Francisco.

Apr. 18, 1914—N McALLISTER 87-6
E Larkin E 50xN 137-6. W Bruce
to whom it may concern, Apr. 10, 1914
Apr. 18, 1914—SE EDINBURGH 75
SW Italy Ave SW 25xSE 100 ptn
Lot 1 Blk 42 Excel Hd. John F
Millerick to whom it may concern
..... April 15, 1914
Apr. 18, 1914—SW MARKET 365 SW
Brady SW along sd line of Market
34 th nearly at r a SW 124 m or l
and intersecting NW Stevenson at
pt 371 SW from SW Brady NE 23
NW 124 m or l M B 14. Carmel
Fallon to F Koch & Son, Apr. 17, 1914
Ave 100 S California S 25x E 120 O L
Apr. 18, 1914—E TWENTY-SIXTH
157. Julius and Mary A Appel to
Wm Van Herick, Apr. 14, 1914
Apr. 18, 1914—S STEVENSON 342-6 W
5th W 22-6x8 75. Richard S Mc-
Creery to E F Burke, Apr. 6, 1914
Apr. 18, 1914—SW MARKET 365 SW
Brady SW along sd line of Market
34 th nearly at r a SW 124 m or l
and intersecting NW Stevenson at
pt 371 SW from SW Brady NE 23
NW 124 m or l M B 14. Carmel
Fallon to Gas & Elec Appl Co.,
..... April 17, 1914
Apr. 18, 1914—E COMMONWEALTH
Ave 55 N Euclid A N 56-68 E 120-5
S 116-8 W 25-5 S 45 W 95. Julia
Meyer to Monson Bros., Apr. 15, 1914
Apr. 20, 1914—W LISBON 200 m or l
S Excelsior Ave; No. 231 Lisbon.
Ward C Brown to whom it may con-
cern April 15, 1914
Apr. 20, 1914—S VALLEJO 202-10% E
Marion 208x60. Dr A A Guglieri to
G Sangiacomo, Apr. 18, 1914
Apr. 20, 1914—E WEBSTER, bet Sacra-
mento and Clay. Board of Trus-
tees of The Leland Stanford Jr
University to A H Wilhelm,
..... April 14, 1914
Apr. 21, 1914—S BUSH 97 E Sansome
S 137-6 W 13-5 S 116-1% to Mar-
ket th along Market 66-5% N
215-4% W 40-6. Wilson Estate Co
to W W Anderson, Sept. 1, 1908
Apr. 21, 1914—N BROADWAY 68-9 W
Webster W 148-9xN 275. James L
Flood to Gladding-McBean & Co.,
..... April 13, 1914
Apr. 21, 1914—SW ALMA & BELVE-
dere W 98-11% S parallel with Cole
25 E parallel with Alma 98-10-3%
N 25. Gustaf and Anna Erikson
and Carl A Felting to whom it may
concern, April 14, 1914
Apr. 21, 1914—S FOURTEENTH 100
W Landers S 135 W parallel to
Market 28-10% N 125-4% E 90 to
14th E 83-0% Louise R Barrollet
to Ira W Coburn, Inc, Apr. 20, 1914
Victor Eng Co, Apr. 20, 1914
Apr. 21, 1914—N WASHINGTON 75 W
Davis N 65 W 44 N 55 W 55 m or l
S 60 E 6 S 60 E 104 m or l A P
Jacobs to Thos E Davis & Son,
..... April 16, 1914
Apr. 22, 1914—N NORTH POINT 100
W Broderick N 100 E 450 S 600 W

450 N 500; N North Point 100 E
Pierce N 100 E 450 S 600 W 450 N
500; N Tonquin 100 E Stelner S 100
W 581.25 to Pierce N 100 to Tonquin
E 581.25. Panama-Pacific Interna-
tional Exposition Co to Healy
Tibbets Constr Co.....Apr. 18, 1914
Apr. 22, 1914—W STONE 117-6 N
Washington N 47-6xW 60. Henry
Euler to M O Goodner and Chas
Oberfeld.....Apr. 22, 1914
Apr. 22, 1914—SW SANSOME AND
Sutter N 69-8 1/2 S 69-7 NE 85-10 1/2 N
19-4 1/2. Isaac Liebes, Albert Meyer,
(Lessee) to Clinton Fireproofing Co
Apr 6; Bachman Elec Co. Apr. 17; C
C Morehouse.....Apr. 17, 1914
Apr. 22, 1914—W SEVENTEENTH
Ave 125 N "U" (Ulloa). Samuel and
Edla Anderson to Olof Nelson.....
.....Apr. 16, 1914
Apr. 22, 1914—E FIFTH AVE 50 S
Cabrillo S 25x90. Leon E Prescott
to H E and T W MacArthur.....
.....Apr. 15, 1914
Apr. 22, 1914—E THIRD 79-11 S Har-
rison S 25x E 77-6. Augustin S Mac-
donald to John Spargo.....Apr. 18, 1914
Apr. 23, 1914—E TWENTY-SECOND
Ave 275 N Clement N 25x E 120.
Martin F Nolan to whom it may
concern.....Apr. 18, 1914
Apr. 23, 1914—NE FULTON AND
Parker Ave E 175xN 275. The
President and Board of Trustees of
St. Ignatius College, Inc to M H
Gnecco.....Apr. 17, 1914
Apr. 23, 1914—N LAKE 82-6 W 20th
Ave W 25xN 100. G P Laninger to
Jos F Conlan.....Apr. 21, 1914
Apr. 23, 1914—W TWENTY-FIRST
Ave 100 S Geary S 25xW 100. Leigh
& Schultz to whom it may concern.
.....Apr. 20, 1914
Apr. 23, 1914—NE GIRARD 75 SE
Silliman. M and Annie Stein or
Steinl to J Bloom.....Apr. 23, 1914
Apr. 23, 1914—W DUPONT, bet Wash-
ington & Jackson; No. 953 Dupont
Lum Sai Hoo Tong Cpn to Thos
Elam & Son.....Apr. 15, 1914
Apr. 23, 1914—SE VAN NESS AVE &
Bush S 31x E 59. Minnie P Shot-
well to C P Moore Bldg Co.....
.....Apr. 23, 1914
Apr. 24, 1914—S McALLISTER 192-6
E Buchanan E 27-6xS 120. E J
Lubbe to A Gold.....Apr. 25, 1914
Apr. 24, 1914—SW FOURTH 55 NW
Folsom NW 25xSW 80. Isidor
Rudee to Lacey Bros, Wm Van
Herrick, Woods & Huddart and J
Gretzler.....Apr. 21, 1914
Apr. 24, 1914—W FOLSON AND HAR-
riet SW 75 NW 81 NE 20 SE 6 NE
55 SE 75 100 V 229. F A Evers to
Schroeder & McIntosh.....Apr. 23, 1914

LIENS FILED.

San Francisco.

Apr. 18, 1914—N FILBERT 137-6 E
Powell E 137-6xN 160. Pacific
Portland Cement Co vs Roman
Catholic Archbishop of S F. \$419.17
Apr. 18, 1914—E CULEBRA TER-
race 205-5 W Larkin and 75 N Lom-
bard N 30x E 68-9. C and M Pandel
and O M Olmo, Star Contracting
Co vs James Meares, and Western
Union Home Bldrs, Inc.....\$183.01
Apr. 18, 1914—E FILLMORE 59.075 N
Bay N 106 1/2 x E 240. Pioneer Paper
Co vs W W Anderson Co, H E Law,
Hartland Law, Chas and Adele
Thille. Larkin Asphalt Co and Pan-
ama-Pacific International Exposi-

tion Co.....\$1400.52
Apr. 20, 1914—E LEAVENWORTH
112-6 S Eddy S 25x E 87-6. S F Elev
Co vs Burch & Hoffman Co, M J
Hynes (as Adm, Est. Jacob Vits). \$749
Apr. 21, 1914—S JENNINGS & JAMES-
town (34th Ave South) E 50 SW 100
NW 50 N to beg. Hart-Wood Lum-
ber Co vs Solomon and Anna Solo-
man Bedway & T Sciochetti. \$421.27
Apr. 21, 1914—E MADRID 275 N Italy
Ave N 25x E 100 Blk 40 Excel Hd.
Hauptman Lumber Co vs Frank A
and Clara M Anderson.....\$304.71
Apr. 22, 1914—E LEAVENWORTH
112-6—Eddy S 25x E 87-6. And-
rew O Wagner vs Burch & Hoff-
man Co, M J Hynes, Adm Est Jacob
Vits\$150

OAKLAND AND ALAMEDA
COUNTY.

BUNGALOWS—20, 1 and 1 1/2 story,
frame, \$2,500 to \$3,000. Fruitvale,
Alameda Co., Cal. Architect, C. C.
Dakin, First National Bank Bldg., Oak-
land. Owners, Oakland Homes Cor-
poration. These twenty houses are the
first of some 250 homes which will be
erected in the Redwood Court Tract in
Fruitvale. Each house will contain
from five to seven rooms with bath.
The larger homes will be designed
with sleeping porch. Hardwood floors
and pine trim will be used. Automatic
water heaters are specified for all
houses. Bath rooms will have tile
wainscot and composition floors. Ex-
teriors will be covered with cement
plaster on metal lath and rustic. Plans
are now being prepared. Work will be
carried on by Day Labor. Materials
will be purchased by the owners.

RESIDENCE—2 story and base,
frame, \$4,750. Piedmont, Alameda Co.,
Cal. Architect, none. Owner, C. M.
Blake, 4434 Vista street, Oakland. The
dwelling has been designed for a
seven-room house and will be erected
on the north side of Craigie avenue
east of Highland. Interior finish will
be of pine with some hardwood veneer
and oak floors. Furnace heat and open
fire places are specified. Bath room
and kitchen will have tile wainscot
and composition floor. Mantels will
be of tile. An automatic water heater
will be installed. Exterior of the
house will be covered with cement
plaster on metal lath. Plans are com-
plete and the work will be done by
Day Labor.

RESIDENCE—2 story and base,
frame, \$3,000. Oakland, Cal. Archi-
tect, none. Owner, R. A. Williams,
First National Bank Bldg., Oakland.
The house has been designed for a
seven-room dwelling and will be erect-
ed at the southwest corner of 4th
avenue and 21st street. Plans provide
for furnace heat and open fire places.
Mantels will be of tile. Interior will
be finished in pine and hardwood with
hardwood floors in the principal rooms.
There will be an automatic water
heater. Bath rooms will have tile
wainscot and composition floor. Ex-
terior of the dwelling will be covered
with cement plaster on metal lath.
Plans are complete and in the hands
of the owner who will do the work by
Day Labor. Materials are now being
purchased.

RESIDENCES—2, 2 story and base,
frame, \$3,500 each. San Leandro, Alame-
da Co., Cal. Architects, Hutchinson
Bros., 470 13th street, Oakland. Own-

er, Mr. Graff. These houses will be de-
signed to contain six rooms each with
bath and sleeping porch. Interior fin-
ish will be of pine and redwood with
hardwood floors in the living rooms,
dining rooms and reception halls.
There will be furnace heat and open
fire places. Mantels will be of tile or
brick. Automatic water heaters will
be installed. Bath rooms and kitchen
will have tile wainscot. Exteriors
will be covered with cement plaster
on metal lath and rustic. Plans are
complete and the work will be done by
Day Labor.

RESIDENCE—2 story, attic and base,
frame, \$7,500. Piedmont, Alameda Co.,
Cal. Architect, W. H. Ratcliff, Jr.,
First National Bank Bldg., Berkeley.
Owner, Wickham Havens. The dwell-
ing has been designed for an eight-
room house and will be erected in
Crocker Highlands. Interior finish
will be of pine and hardwoods with
hardwood floors in the principal rooms.
There will be furnace heat and open
fire places. Mantels will be of tile
and brick. Bath rooms will have tile
floors and wainscot and will be
equipped with showers. Automatic
water heaters will be installed. Ex-
terior of the dwelling will be covered
with cement plaster on metal lath. A
clay tile roof will be used. Plans are
complete and figures are being taken.

RESIDENCES—1 story, frame. Cost
not stated. San Jose, Santa Clara Co.,
Cal. Architect, none. The following
Day Labor jobs are reported as about
to be started in San Jose: C. R. Wight-
man, 3rd avenue north of Palm, 1
story, five-room cottage, \$1,000, and
Kelley Bros, northeast corner of Grant
and Orchard streets, four-room cot-
tage, \$1,200.

APARTMENT HOUSE—3 story and
base, brick and frame, \$18,000. Berke-
ley, Alameda Co., Cal. Architect, Clay
N. Burrell, Albany Bldg., Oakland.
Owner, C. F. Renz. The building will
be erected on Alcatraz avenue and has
been designed to contain stores on the
first floor and a number of modern
apartments on the second and third
floors. Interior finish will be of pine
and redwood with some elm panels.
There will be steam heat and a hot
water supply. All suites will have wall
beds and private bath rooms. Bath
rooms will have composition floors and
tile wainscot. Exterior of the build-
ing will be covered with cement plas-
ter on metal lath. Plans are now be-
ing prepared.

WAREHOUSE—2 story and base,
brick and reinforced concrete, \$40,000.
Oakland, Cal. Architect, Walter D.
Reed, Oakland Bank of Savings, Oak-
land. Owners, W. P. Fuller & Co. The
building will cover a considerable
ground area and will be erected at the
southwest corner of Third and Jack-
son streets. There will be a cement
floor, elevator service, metal window
sash and frames. Modern plumbing
and electric work will be installed. Ex-
terior of the building will be faced
with pressed brick. Plans are com-
plete and in the hands of the owners
who are taking figures on the work.

GARAGE—2 story and base. Class
C construction, \$25,000. Oakland, Cal.
Architect, Charles W. McCall, Central
Bank Bldg., Oakland. Owners, Im-
perial Garage Co. The building, which
has been designed for a commercial
garage, will cover a large ground area
and will be erected on the east side of

Franklin street north of 14th street. Construction will be nearly fireproof, with concrete floors, brick and steel walls and steel roof trusses. Interior will be finished in pine. There will be a completely equipped machine shop as well as the storage space. Metal window sash and frames and special gasoline storage tanks are specified. Exterior of the building will be faced with pressed brick. Working drawings are being prepared.

RESIDENCES—2, 1 and 2 story and base, frame, \$2,000 and \$2,000. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner R. A. McWilliams. These houses will be erected on Fourth avenue, the smaller house will contain five rooms and the two-story house seven rooms. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Automatic water heaters will be installed. Bath rooms will have tile wainscot and composition floors. Exteriors will be covered with shingles. Plans are being prepared and when complete work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$4,000. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owners, Banning & Stewart. The house has been designed for a seven room dwelling with bath and sleeping porch, and will be erected in the Country Club Heights. Interior finish will be largely of pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and when complete work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$3,500. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, Mr. Royd, Raymond Apts. The dwelling will be erected on the Boyd Tract, and has been designed to contain seven rooms and bath. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who is now taking figures on the work.

STORES AND OFFICES—2 story and base, Class C construction. Cost not stated. Oakland, Cal. Architect, William Wilde, Albany Bldg., Oakland. Owners, B. and B. Cianciarulo. The general contract for this building has already been let and the architect is now taking figures for the heating, ventilating and plumbing. The structure will be erected on Broadway between 17th and 18th streets, and has been designed to carry five additional stories.

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Amt.
996	Nichols	Nichols	460
997	Meyer	Kundrus	450
998	Fitzgerald	Fitzgerald	1400
999	Bolts	Bolts	2000
1000	Champion	Whitford	2500
1001	Grant	Grant	4000
1002	Stephens	Stephens	500
1003	Jones	McKallor	2250
1004	Helmut	Kaler	1466
1005	Burkes	Burkes	2500
1006	Galobia	Brown	1200
1007	Waters	Motts	2268
1008	Brown	Hartwig	400
1009	Hartfield	Jennings	5000
1010	McWilliams	Owner	4750
1011	Blabon	Blabon	3500
1012	Bianchi	Cavallo	2832
1013	W. W. Power	Pahl	1200
1014	1st Hebrew	Elce Constr	1531
1015	Welling	Prugh	3000
1016	Dubovsky	Pones	400
1017	Stanley	Bay Cal	1000
1018	Oakes	Oakes	2800
1019	Johnson	Johnson	2100
1020	Peart	Schnely	400
1021	Sydes	Sydes	2500
1022	Peterson	Hambleton	2000
1023	Silva	Silva	600
1024	Marx	Kennedy	400
1025	Kalts	Johnson	400
1026	Bischoff	Bischoff	2500
1027	Isvald	Shares	400
1028	Filben	Mager	23870
1029	Federal Bldg	Cummings	900
1030	Jackson	Hunter	600
1031	Havens	Gassonmis	500
1032	Hadley	Rose	2500
1033	Barry	Barry	2000
1034	Woodworth	Owner	2000
1035	Schmidt	Schmidt	1200
1036	Mackinnon	Malton	2000
1037	Peare	Strang	1000
1038	Nielson	Higgins	1800
1039	Postel	Le Baron	1500
1040	Roy	Roy	1593
1041	Pac & E	Bay City Ir	

(Correction in Cost.)

(324) SW WOOD AND GOSS 100 on Wood by 105 on Goss, Oakland. Repairs, alterations and additions to 1-story frame store building. Owner.....Miss Elizabeth Becker, 2485 Folsom, S. F. and Mrs. Maria Sander, St Helena. Architect.....None. Contractor.....Jos. Filzner, 1700 35th Ave., Oakland. Filed Apr. 13, '14. Dated Apr. 9, '14. Frame up 1/4 1st coat plaster on 1/4 Completed and accepted 1/4 Usual 35 days 1/4 TOTAL COST, \$1084 Bond, \$2042. Surety, Southwestern Surety Ins. Co. Lmtd. 70 days after April 13. Forfeit, \$10. Plans and specifications filed.

(996) E WALLACE AVE 50 N Davidson Way. Garage. Owner.....Leo L. Nichols, Macdonough Bldg., Oakland. Architect.....None. Day's work. COST, \$1000

(997) NO. 9226 E-FOURTEENTH, Oakland. Alterations. Owner.....Claus Meyer, Cor. E-14th and 94th Ave., Oakland. Architect.....None. Contractor.....T. Kundrus, 2900 90th Ave., Oakland. COST, \$150

(998) W IRVING AVE 205 N E-16th, Oakland. One-story 6-room dwlg. Owner.....Mrs. W. E. Fitzgerald, 2046 E-16th, Oakland. Architect.....None. Day's work. COST, \$1400

(999) S HARPER COURT 250 W 35th Ave., Oakland. One-story 5-room dwelling.

Owner.....M. C. Bolts, 3116 Central Ave., Alameda. Architect.....None. Day's work. COST, \$2000

(1012) N RICH 350 E Telegraph Ave., Oakland. One-story 5-room dwlg. Owner.....Mrs. J. Champion, Cor. 41st and Telegraph, Oakland. Architect.....None. Contractor.....W. T. Whitford, 421 42nd. Oakland. COST, \$2500

(1013) N FIFTY-SIXTH 155 E Grove. Oakland. Two-story 8-room dwlg. Owner.....A. L. Grant, 760 56th, Okd. Architect.....None. Contractor.....C. N. Grant, 760 56th, Okd. COST, \$1000

(1016) NO. 558 ALCATRAZ AVE., Oakland. Alterations. Owner.....F. W. Stephens, Premises. Architect.....None. Day's work. COST, \$500

(1017) E 106TH AVE 100 N Bigga ron, Oakland. One-story 5-room dwlg. Owner.....W. E. Jones Jr., 3145 Nicol Ave., Oakland. Architect.....None. Contractor.....H. L. McKallor, 3336 Kansas, Oakland. COST, \$2250

(1018) N BLENHEIM 152 W Apricot. Oakland. One-story 4-room dwlg. Owner.....Mrs. C. Helmut, 1271 17th Ave., San Francisco. Architect.....None. Contractor.....H. Kaler, 10036 Pearmain. Oakland. COST, \$1466

(1019) S RANDOLPH AVE 111 W Benton, Oakland. Two-story 6-room dwelling. Owner.....C. E. Burkes, 5117 Genoa. Oakland. Architect.....None. Day's work. COST, \$2500

(1020) S E-TENTH 180 E Park Ave., Oakland. One-story 4-room dwlg. Owner.....Anton Galobia, 2523 E-10th Oakland. Architect.....None. Contractor.....M. Brown, 1922 14th, Okd. COST, \$1200

(1021) NO. 3866 HOWE, Oakland. Two-story 5-room dwelling. Owner.....Alex Waters, 3564 Howe, Oakland. Architect.....None. Contractor.....J. F. Motts, 5148 Claremont Ave., Oakland. COST, \$2268

(1022) NO. 4411 E-FOURTEENTH Oakland. Alterations. Owner.....Sarah A. Brown, 1501 50th Ave., Oakland. Architect.....None. Contractor.....Carl Hartwig, 1601 51st Ave., Oakland. COST, \$1400

(1024) N ROCK RIDGE BLVD 420 E Broadway, Oakland. Two-story 8-room dwelling. Owner.....Wm. M. Hatfield, 563 18th, Oakland. Architect.....Jos. M. Geary, 23rd and Folsom, San Francisco. Contractor.....A. C. Jennings, 440 2d. — COST, \$5000

(1025) SW FOURTH AVE AND E-21st
Oakland. Two-story 8-room dwlg.
Owner.....R. A. McWilliams, 1st National Bank Bldg., Oakland
Architect...None.
Day's work. COST, \$3000

(1026) N CRAIG AVE 100 E Highland
Piedmont. Two-story dwelling.
Owner.....C. M. Blabon, 434 Vista, Oakland.
Architect...None.
Day's work. COST, \$4750

(1027) N FORTY-SEVENTH 372 E San
Pablo Ave E 129-6 N 203 W 129-6 S
206, Emeryville. All work for two one-story dwellings.
Owner.....Martha Susan Bianchi, Emeryville.
Architect...None.
Contractor..James F. Cavallo, 1035 45th Oakland.
Filed Apr. 21, '14. Dated Apr. 20, '14.

Frame up..... 1/4
1st coat plaster on..... 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$2832

Bond, \$1416. Sureties, F. H. Hood & G. H. Rugg. Limit, 90 days after Apr. 22. Forfeit, \$10. Plans and specifications filed.

(1028) BAY OF SAN FRANCISCO. Lay
3 cables across Bay of San Francisco from San Francisco to Oakland.
Owner.....Great Western Power Co., 1444 San Pablo Ave., Okd.
Architect...None.
Contractor..A. J. Pahl, 37 Stevenson, San Francisco.
Filed April 21, '14. Dated Apr. 8, '14.

Every 4 lengths of cable.....\$1800
Usual 35 days..... 4800
TOTAL COST, \$12,000
Bond, \$6000. Surety, Aetna Accident & Liability Co. Limit, 15 days after last cable arrives in yards. Forfeit, none. Plans and specifications, none.

(1029) NW WEBSTER & MERRIMAC
W 100 N 40 E 95 N 60 E 99.05 S 100 and W Webster 100 N 28th N 58 W 99.05 S 58 E 99.05, Oakland. Electric work for steel frame church.
Owner.....First Hebrew Congregational of Oakland.
Architect...G. Albert Lansburgh, 709 Mission, San Francisco.
Contractor..J. Gensel (as Electrical Constr. Co.), 312 12th, Okd.

Filed Apr. 21, '14. Dated Apr. 14, '14.
Roughed in.....\$500
Completed and accepted..... 631
Usual 35 days..... 400
TOTAL COST, \$1531

Bond, \$766. Surety, Aetna Accident & Liability Co. Limit, as soon as possible. Forfeit, \$5. Plans and specifications filed.

(1030) NO. 538 FIFTY-EIGHTH, Oakland. Ador dwelling into flats.
Owner.....O. F. Wellings, Premises.
Architect...L. F. Hyde, 1st National Bank Bldg., Oakland.
Contractor..T. Prugli, 582 58th, Okd.
COST, \$3000

(1031) NO. 492 STOWE AVE., Oakland
Owner.....M. Dubovsky, Premises.
Architect...None.
Contractor..Fones & Mac Kenzie, 3418 Boston Ave., Oakland.
COST, \$400

(1032) NO. 1320 BROADWAY, Oakland. Alterations.
Owner.....L. Stanley, Premises.
Architect...None.
Contractor..Bay City Cabinet Co., 1080 5th, Oakland.
COST, \$1000

(1033) W HILLEGASS AVE 50 S 61st, Oakland. Two-story 7-room dwlg.
Owner.....T. J. Oakes, 6077 Claremont Ave., Oakland.
Architect...None.
Day's work. COST, \$2800

(1034) W TWENTY-FIRST AVE 75 N E-29th, Oakland. One and one-half-story 6-room dwelling.
Owner.....Ben O. Johnson, 2014 E-30th, Oakland.
Architect...None.
Contractor..B. O. Johnson & Sons, 2014 E-30th, Oakland.
COST, \$2100

(1035) SE NINETEENTH & BROADWAY, Oakland. Alterations.
Owner.....Pearl & Elkington, Prem.
Architect...None.
Contractor..Schnebley, Hostrower & Pedgrift, 6th and Jackson, Oakland.
COST, \$400

(1037) E FORTY-SECOND AVE 300 S Santa Rita Oakland. Two-story 9-room dwelling.
Owner.....P. K. Sydes, 2205 Rosedale Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

(1038) S MONTELL 695 E Piedmont Ave., Oakland One-story five-room dwelling.
Owner.....Alma W. Peterson, 79 Montell, Oakland.
Architect...None.
Contractor..Fred Hambleton, 575 43rd, Oakland.
COST, \$2000

(1039) E OLIVER 150 S Holly, Oakland. One-story 4-room dwelling.
Owner.....M. R. Silva, 916 Holly, Oakland.
Architect...None.
Day's work. COST, \$600

(1040) NO. 300 THIRD, Oakland. Alterations.
Owner.....A. H. Marx, 27th and San Pablo Ave., Oakland.
Architect...None.
Contractor..F. T. Kennedy, 954 Rose Ave., Piedmont.
COST, \$400

(1041) NO. 532 THIRTY-FIRST, Oakland. Alterations.
Owner.....Mrs. F. N. Kuss, Premises.
Architect...None.
Contractor..B. O. Johnson, 2014 E-30th, Oakland.
COST, \$400

(1042) E AUBURN AVE 240 N Harwood Ave., Oakland. One-story six-room dwelling.
Owner.....John A. Bischoff, 551 Crofton Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

(1043) NO. 1154 SEVENTY-THIRD AVE., Oakland. Alterations.
Owner.....A. Ivaldi, Premises.
Architect...None.

Contractor..Mr. Shores, 1131 73rd Ave., Oakland.
COST, \$400

(1044) S AYALA 115 E Martin, Oakland. Two-story 5-room dwlg.
Owner.....Mrs. A. Filben, 5525 Claremont Ave., Oakland.
Architect...Albert Schroeffer, S. F.
Contractor..Mager Bros., 180 Jessie, S. F.
COST, \$3400

(1046) E TELEGRAPH AVE AND W Broadway N 108.83 NW 36.56 S 104 SE 8.70, Oakland. Marble work for 12-story attic and basement Class "A" office building.
Owner.....Federal Realty Co.
Architect...B. G. McDougall, Sheldon Bldg., San Francisco.
Contractor..C. L. Cummins, 2617 Santa Clara Ave., Alameda.
Filed Apr. 23, '14. Dated Apr. 10, '14.
Once a month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$23,870
Bonds, \$11,935 and \$11,935. Surety, Southwestern Surety Ins. Co. Limit, 90 days. Forfeit, \$125 a day. Plans and specifications filed.

(1051) NO. 1256 FIFTIETH AVE., land. Addition and repairs.
Owner.....J. E. Jackson, Premises.
Architect...None.
Contractor..J. Q. Hunter, 1337 51st Ave., Oakland.
COST, \$900

(1052) NO. 741 BROADWAY, Oakland. Alterations.
Owner.....J. W. Havens.
Architect...None.
Contractor..Gus Gassonmle, 459 8th, Oakland.
COST, \$600

(1053) NO. 474 TWELFTH, Oakland. Alterations.
Owner.....M. F. Hadley, 12 Monte Vista, Oakland.
Architect...None.
Contractor..A. H. Rose & Co., 545 17th, Oakland.
COST, \$500

(1054) N KEITH AVE 380 E Pryal, Oakland. One-story 5-room dwlg.
Owner.....Barry Bldg. Co., 2527 Market, Oakland.
Architect...A. W. Smith, 1010 Broadway, Oakland.
Day's work. COST, \$2500

(1055) N SIXTY-FIRST 500 E San Pablo Ave., Oakland One-story 5-room dwelling.
Owner.....E. M. J. Woodworth, 1028 61st, Oakland.
Architect...None.
Contractor..Percy W. Woodworth, 1028 61st, Oakland.
COST, \$2000

(1056) W GLEN AVE 751 N E-24th, Oakland. One-story 4-room dwlg.
Owner.....E. A. Schmidt, 1484 Harrison, Oakland.
Architect...None.
Day's work. COST, \$1200

(1057) W TELEGRAPH AVE 30 S 40th, Oakland. One-story stores.
Owner.....W. H. Mackinnon, 21st and Brush, Oakland.
Architect...None.
Contractor..C. Maloon, 2929 Linden, Oakland.
COST, \$1980

(1058) E HANCOLOPH AVE 125 N Hopkins, Oakland. One-story 5-room dwelling.
Owner.....M. P. Pearce, Oakland.
Architect...None.
Contractor...F. N. Strang, 1334 8th. Ala. COST, \$2000

(1061) W OLIVE 100 E 96th Ave., Oakland. One-story 4-room dwlg.
Owner.....N. Sophus Nielson, 2527 Shattuck Ave., Berkeley.
Architect...None.
Contractor...Frank Higgins, 2021 89th Ave., Oakland.
COST, \$1000

(1062) S WENTWORTH 200 E 54th Ave., Oakland. One-story six-room dwelling.
Owner.....A. Postel, 2117 San Jose Ave., Alameda.
Architect...None.
Contractor...Wm. A. Le Baron, 1039 45th Ave., Oakland.
COST, \$1800

(1063) S E-SIXTEENTH 30 W 37th Ave., Oakland. One and one-half-story five-room dwelling.
Owner.....E. A. Roys, 1530 Fruitvale Ave., Oakland.
Architect...None.
Day's work. COST, \$1500

(1064) E MARKET and line parallel to and distant at r a S 80 from S in First E 350 S 300 W 300 N to pt bgn. oakland. All work for one steel wash box and 2 steel seal pots.
Owner.....Pacific Gas & Electric Co., 13th and Clay, Oakland.
Architect...None.
Contractor...Wm. D. Halket (Bay City Iron Wks.), 1243 Harrison, San Francisco.
Filed Apr. 25, '14. Dated Apr. 22, '14.
Completed and accepted..... 70%
Usual 33 days..... 25%
TOTAL COST, \$1593
Bond, \$765.50. Surety, American Surety Co. Limit, 21 days. Forfeit, none.
Plans and specifications filed.

Building Contracts Awarded.

Berkeley.

No.	Owner	Contractor	Amt.
1000	Johanson	Johanson	1500
1001	Ramsey	Ramsey	200
1002	Deakness	Knight	2400
1003	Lazarenk	Lazarenk	400
1004	Ala Bldrs	Mallanen	1500
1005	Same	Same	1500
1006	Nelson	Nelson	1900
1007	1st Unitarian Ch.	Kidder	1300
1008	Johnson	Allen	2500
1009	Same	Same	7250
1010	Same	Same	7850
1011	Houston	Patrick	4000
1012	Fisher	Buskirk	1100
1013	Nobel	Peterson	1000
1023	Sears	Wallace	400
1036	Taylor	Taylor	400
1045	Kinney	MacGregor	3800
1047	Hildebrand	Button	2750
1048	Fessore	Valente	4000
1049	Spittler	Spittler	800
1050	Foy	Foy	1995
1059	Phi Delta Theta	Watts	500
1060	Same	Joost	500

(1000) W MATTHEWS 170 S Oregon, Berkeley. One-story 5-room dwlg.
Owner.....Gustaf Johanson, 1811 Rose, Berkeley.
Architect...None.
Day's work. COST, \$1500
(1001) S RUSSELL 165 W King, Berkeley. One and one-half-story seven room dwelling.

Owner.....W. Ramsey, 5816 Howell Oakland.
Architect...None.
Day's work. COST, \$2000

(1002) NO. 2629 HASTE, Berkeley. Two-story 14-room school.
Owner.....Deakness Training School of the Pacific.
Architect...None.
Contractor...Harry C. Knight, 522 25th, Oakland.
COST, \$2400

(1003) W TENTH 15 N Dwight Way, Berkeley. Alterations.
Owner.....P. Lazarenk, 2446 10th, Berkeley.
Architect...None.
Day's work. COST, \$400

(1004) W GIANT 50 N Addison, Berkeley. One-story 5-room dwlg.
Owner.....Alameda County Home Bldrs, 1st National Bank Bldg., Oakland.
Architect...None.
Contractor...Otto Mallanen, 2429 9th, Berkeley.
COST, \$1500

(1005) W GRAND 136 N Addison, Berkeley. One-story 5-room dwlg.
Owner.....Alameda County Home Bldrs, 1st National Bank Bldg., Oakland.
Architect...None.
Contractor...Otto Mallanen, 2429 9th, Berkeley.
COST, \$1500

(1006) W PARK 115 N Russell, Berkeley. One-story 5-room dwlg.
Owner.....Miss Lyra Nelson, 746 59th, Oakland.
Architect...None.
Contractor...Edw. Nelson, 746 59th, Okd.
COST, \$1900

(1007) W BANCROFT 150 E Dana, Berkeley. Alterations.
Owner.....First Unitarian Church, Premises.
Architect...None.
Contractor...Kidder & McCullough, 2075 Addison, Berkeley.
COST, \$1500

(1008) N HILLCREST ROAD 400 E Claremont Ave., Berkeley. One-story garage.
Owner.....H. L. Johnson, 2 Hillcrest, Berkeley.
Architect...John Hudson Thomas, 1st National Bank Bldg., Bkly.
Contractor...F. E. Allen, 468 34th, Okd.
COST, \$2500

(1009) N HILLCREST ROAD 400 E Claremont Ave., Berkeley. Two-story seven-room dwelling.
Owner.....H. L. Johnson, 2 Hillcrest, Berkeley.
Architect...John Hudson Thomas, 1st National Bank Bldg., Bkly.
Contractor...F. E. Allen, 468 34th, Okd.
COST, \$7350

(1010) N HILLCREST ROAD 350 E Claremont Ave., Berkeley. Two-story 8-room dwelling.
Owner.....H. L. Johnson, 2 Hillcrest, Berkeley.
Architect...John Hudson Thomas, 1st National Bank Bldg., Bkly.
Contractor...F. E. Allen, 468 34th, Okd.
COST, \$7850

(1011) E PRESNO AVE 120 S Monterey Ave., Berkeley. Two-story seven-room dwelling.
Owner.....Albert Houston, S. F.
Architect...None.
Contractor...Patrick-Nelson Bldg. Co., 2011 Shattuck Ave., Bkly.
COST, \$4000

(1014) N RIDGE ROAD 100 W Le Roy, Berkeley. Addition.
Owner.....W. Fisher, Vallejo.
Architect...None.
Contractor...J. W. Buskirk, 2402 Higard Ave., Berkeley.

(1015) NW HILLEGASS & WOOLSEY, Berkeley. Addition.
Owner.....Mrs. Nohel, San Francisco.
Architect...None.
Contractor...A. Peterson, 2615 Virginia, Berkeley.
COST, \$1000

(1023) NO. 1916 STUART, Berkeley. One-story 2-room dwelling.
Owner.....W. M. Sears, Premises.
Architect...None.
Contractor...F. J. Wallace, 5917 Whitney, Oakland.
COST, \$400

(1036) SW ROSE & BELVEDERE, Berkeley. Alterations.
Owner.....J. G. Taylor, 263 Corbett Ave., San Francisco.
Architect...None.
Day's work. COST, \$400

(1045) E DOHR 150 N Oregon, Berkeley. One-story 5-room dwelling.
Owner.....R. W. Kinney, 9th and Franklin, Oakland.
Architect...None.
Contractor...C. M. MacGregor, 470 13th Oakland.
COST, \$1500

(1047) LE ROY near Buena Vista Way Berkeley. All work for two-story frame dwelling.
Owner.....Joel Hilderbrand.
Architect...Jas. W. Plachek, Acheson Bldg., Berkeley.
Contractor...Frank Button, 1625 Shattuck Ave., Berkeley.
Filed Apr. 23, '14. Dated Apr. 13, '14.
Frame up.....1-5
Electric and plumbing roughed in.....1-5
Plastered and exterior completed.....1-5
Completed and accepted.....1-5
Usual 35 days.....1-5
TOTAL COST, \$3800
Bond, \$1900. Surety, American Surety Co. Limit, 80 days. Forfeit, \$2. Plans and specifications filed.

(1048) NO. 2412 FIFTH, Berkeley. All work for two-story frame dwelling.
Owner.....J. Fessore.
Architect...Jas. W. Plachek, Acheson Bldg., Berkeley.
Contractor...M. E. Valente & Co., 5882 Vallejo, Oakland.

Filed Apr. 23, '14. Dated Apr. 19, '14.
Frame up.....1-5
Electric and plumbing roughed in.....1-5
Plastered and exterior completed.....1-5
Completed and accepted.....1-5
Usual 35 days.....1-5
TOTAL COST, \$2750
Bond, \$1375. Surety, Southwestern Surety Co. Limit, 80 days. Forfeit, \$5. Plans and specifications filed.

(1049) N INDIAN ROCK AVE 300 E San Diego, Berkeley. Two-story 6-room dwelling.

Owner.....E. B. Spittler, 2154 Ash-
by Ave., Berkeley.
Architect...None.
Day's work. COST, \$1000

(1059) W ADELINE 120 N Todd, Ber-
keley. One-story 1-room machine
shop.
Owner.....John M. Foy, 1728 Arch,
Berkeley.
Architect...None.
Day's work. COST, \$800

(1059) NW HEARST AVE & HIGHL-
land Place W 100xN 144.65, Berkeley.
Heating for three-story and base-
ment frame fireproof house.
Owner.....Phi Delta Theta, 2401 Dur-
rant, Berkeley.
Architect...John Reid Jr., Chronicle
Bldg., San Francisco.
Contractor...C. R. Watts, 2442 Shat-
tuck Ave., Berkeley.
Filed Apr. 24, '14. Dated Apr. 2, '14.
Piping installed\$497
Completed and accepted..... 1000
Usual 35 days..... 498
TOTAL COST, \$1995

Bond, \$1000. Surety, Globe Indemnity
Co. Limit, 5 days after painting com-
pleted. Forfeit, \$2. Plans and specifi-
cations filed.

(1060) HARDWARE ON ABOVE.
Contractor, Joost Bros., 1274 Market,
San Francisco.
Filed Apr. 24, '14. Dated Apr. 21, '14.
Delivered to site\$300
In place and accepted..... 200
TOTAL COST, \$500

Bond, none. Limit, 95 days. Forfeit,
\$2. Specifications only filed.

COMPLETION NOTICES.

ALAMEDA COUNTY.

Apr. 18, 1914—W EUCLID AVE 100
N Eunice, Bkly. J C Scroggy to
F R Peake Co.....Apr. 16, 1914

Apr. 18, 1914—LOT 19 BLK 18, North-
brae, Albany. Patrick Nelson Bldg
Co to whom it may concern.....
.....Apr. 18, 1914

Apr. 18, 1914—LOT 20, LOT 5 & LOT
4 Bkly "J" Map Central Piedmont
Tract, Oakland Tp. E R Leach to
Karl Schley.....Apr. 17, 1914

Apr. 20, 1914—N WALNUT AVE 80 W
Renwick being Lot 24 Bk 4, Brook-
dale Terrace, Okd. J E Settles to
O G Smith.....March 20, 1912

Apr. 20, 1914—S WALNUT AVE 61.59
E Courtland Ave being Lot 11 Bk 6
Brookdale Terrace, Okd. J E
Settles to O G Smith.....Apr. 10, 1914

Apr. 20, 1914—N BROOKDALE AVE
124.24 E Renwick being Lot 16 Bk 2
Brookdale Terrace, Okd. J E
Settles to O G Smith.....Apr. 15, 1914

Apr. 22, 1914—NINETY-SECOND AVE
No. 2220, being Lot 21 Highland
Tract, Okd. Joe St. Mary to whom
it may concern.....Completed

Apr. 22, 1914—LOTE 12 AND 13 BLK
"B" Map of Oak Encinal, Ala.
Anna Hromada to I W Button.....
.....Apr. 16, 1914

Apr. 22, 1914—W BROADWAY 125 N
Birnie N 25xW 127-8, Okd. B & M
Cianciarulo to Maestretti & Young-
er.....Apr. 21, 1914

Apr. 23, 1914—LOT 7 BLK 30 Map
Melrose Heights, Okd. Torrence S
Peterson to whom it may concern
.....Apr. 22, 1914

Apr. 23, 1914—NE E-FOURTEENTH
100 SE 4th Ave SE 40xNE 125, Okd.

John S Reavley and Mary Belle
Reavley to W B Wells.....Apr. 22, 1914

Apr. 23, 1914—SW BROADWAY AND
Twenty-fourth E on Broadway 99
N on 24th 143.58 being 65.46 on W
side and 122.87 on S side, Oakland.
Emille Sussman to Newberry Bend-
helm Co; California Plate & Win-
dow Glass Co; Duffey Plumbing Co;
Forderer Cornice Works, Vulcan
Iron Works; Smith & Johnson; W T
Baker Co and Stockholm & Allyn
.....Apr. 16, 1914

Apr. 24, 1914—LOT 12 Piedmont-hy-
the-Lake, Okd. F A Briggs to
Bruce Webster.....Mar. 23, 1914

Apr. 24, 1914—LOT 18 BLK "A"
Waterside Terrace, All. Mark T
Cole to whom it may concern.....
.....Apr. 21, 1914

LIENS FILED.

ALAMEDA COUNTY.

Apr. 18, 1914—S TWENTY-SECOND
360 E Webster E 51xS 162, Okd.
P E O'Hair vs D Miller.....\$165.46

Apr. 18, 1914—S TWENTY-SECOND
360 E Webster E 51xS 162, Okd. W
E Westley vs D Miller.....\$517.49

Apr. 20, 1914—NW TWENTY-FOURTH
and Broadway N 61.42 W 111.42 N
59.50 W 40 S 119 E 136.25, Okd. The
Herman Safe Co vs Broadway De-
velopment Co, Bruce B Burnett and
F A Briggs\$80

Apr. 20, 1914—NW COR. TWENTY-
Fourth and Broadway N 61.42 W
111.42 N 59.50 W 40 S 119 E 136.25,
Okd. C Jorgensen & Co vs Broad-
way Development Co and Bruce B
Burnett\$90

Apr. 20, 1914—N LAKE 455 E Mad-
ison E 85xN 150, Okd. John Quadt
vs Etta H Scofield.....\$730

Apr. 21, 1914—E TELEGRAPH AVE
and W Broadway N 108.83 NW
36.86 S 104 SE 8.70, Okd. Geo H
Tay Co vs Federal Realty Co and
Anderson & Sweet Constr Co.....\$26.87

Apr. 21, 1914—E TELEGRAPH AVE
and W Broadway N 108.83 NW
36.86 S 104 SE 8.70, Okd. John D
Maxwell vs Federal Realty Co, J F
Anderson and J Sweet (Anderson &
Sweet Constr Co) and Pacific Roll-
ing Mill Co\$132.89

Apr. 21, 1914—GORE COR BROAD-
way, Telegraph Ave and 16th, Okd.
Wm J Sheller vs Carlston & Snyder
.....\$95

Apr. 22, 1914—LOT 4 BLK 9 Map
Claremont, Bkly. Downey-Cavasso
Glass & Paint Co vs James C Bow-
man, Bay City Bldg Co, Inc and
Chas Murray\$164.80

Apr. 22, 1914—W 35 LOT 9 BLK "F"
Kinkerville Tract on SE Cor 9th
and Boston Ave, Emeryville. J E
Bretlviser vs Pioneer Wet Laundry
Co\$200

Apr. 22, 1914—E 15 LOT 9 and W 36
Lot 10 and W 36 of N 31 Lot 19 and
E 15 of N 31 Lot 20, Map Harmon
Estate, Okd. R H Chamberlain vs
D Miller\$164.90

Apr. 22, 1914—W BROADWAY 188
SW 17th SW 104 NW 8.70 NE 108.83
SE 36.86, Okd. E C Prather vs
Federal Realty Co and Pacific Roll-
ing Mill Co\$25

Apr. 22, 1914—E TELEGRAPH AVE
and W Broadway N 108.83 NW
36.86 S 104 SE 8.70, Okd. Pacific
Gas & Elec Co vs Federal Realty
Co and Anderson-Sweet Constr Co
.....\$23.15

Apr. 22, 1914—E TELEGRAPH AVE
and W Broadway N 108.83 NW 36.86
Okd. Oakland Elec. Co, \$106.62; F
R Fortin and B M Cole, \$140; James
Henneberry, \$553.62 vs Federal
Realty Co, Pacific Rolling Mill Co,
A J Snyder and J F Carlston.....
Apr. 22, 1914—W BROADWAY 188 S
17th W 36-9 1/2 S 108-10 E 8-5/4 N
104, Okd. John C Rohan vs Federal
Realty Co, A J Snyder, J F Carl-
ston\$186.25

Apr. 23, 1914—E TELEGRAPH AVE
and W Broadway N 108.83 NW 36.86
S 104 SE 8.70, Okd. E K Wood
Lumber Co vs J F Carlston, A J
Snyder, Federal Realty Co, Pacific
Rolling Mills and Anderson &
Sweet Constr Co.....\$9.82

Apr. 24, 1914—PTN. LOTS 6 AND 7
Map Portion of Estate of Wm Ty-
son, Washington Tp. E M Nichols,
\$623.65; P C Hansen (P C Hansen &
Co), \$543.50 vs C E Martensen
and F C Griffin & Sons.....

Apr. 24, 1914—LOT 4 BLK 9 Map
Claremont, Bkly. Charles Murray
vs Jas C Bowman and Bay Cities
Bldg Co\$37.50

Apr. 24, 1914—LOT 4 BLK 9 Map
Claremont, Bkly. Wm Brady vs
James C Bowman and Bay Cities
Bldg Co\$22.50

Apr. 24, 1914—S TWENTY-SECOND
360 E Webster E 51xS 162, Okd.
M Dubovsky vs D Miller.....\$249.45

Apr. 24, 1914—LOT 4 BLK 2 Map
East Piedmont Heights Extension,
Okd. Sunset Lumber Co vs Pied-
mont Height Bldg Co and Alfred
Olson\$259.82

Apr. 24, 1914—S TWENTY-SECOND
360 E Webster E 51xS 162, Okd.
Marshall Stearns Co vs David
Miller\$1110

BRADSTREET ESTABLISHES OAK- LAND OFFICE.

On May first, Bradstreet will open
an office in Oakland, California, with
Mr. J. K. Munsell in charge as Super-
intendent.

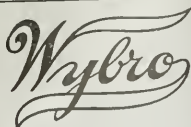
The establishment of this office by
Bradstreet as one of the 150 stations
in the principal wholesale and jobbing
centers of the United States is at one
and the same time, a recognition of
the growth and importance of Oakland
and the east bay shore community
commercially, and the provision for
additional business facilities to the
citizens of that district.

Mr. Munsell is a native of Oakland
and a graduate of the University of
California with many years experience
in Bradstreet's office work, six years of
which was spent as chief clerk of the
San Francisco office.

The Oakland Bradstreet like all the
offices of that concern is an independ-
ent one except in its relations to the
headquarters, in the East.

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

SCHOOL—2 story and base. Class C
construction, \$45,000. Rio Vista, Solan-
o Co., Cal. Architect, Erwin Schaefer,
Plaza Bldg., Oakland. Owners, Rio
Vista High School District. The build-
ing will contain eight class rooms,
principal's office and teachers' rooms.
There will be a large assembly hall.
Interior finish will be of pine with
maple floors in the class rooms. Plans



Veneered Panels that
ARE good—order
today from

White Brothers

5th and Brannan Streets

San Francisco

Wybro Panels keep their smooth finish.

One feature of the famous Wybro Panels is that they have a beautiful SMOOTH finish—a finish which RETAINS its smoothness.

Wybro Panels are everlastingly good and cost no more than ordinary ones.

also provide for steam heat, on burning furnace and vacuum cleaning. Exterior of the building will be faced with pressed brick. Working drawings are complete and figures will be called for as soon as bonds are sold. Further mention will be made of the work at that time.

APARTMENT HOUSE—2 story and base, brick, \$17,000. Richmond, Contra Costa Co., Cal. Architect M. J. Welsh, 22nd and Mission streets, S. F. Owner's name withheld. The building will be erected on Macdonald avenue near 10th street, and has been designed to contain stores on the first floor besides the entrance to the apartments. Upper floors will contain about thirty rooms arranged in three and four room suites with baths. Interior will be finished in pine throughout. There will be steam heat and a hot water supply. All suites will have wall beds and private bath rooms. Bath rooms will be finished in tile. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

BULKHEAD WORK—Crushed rock and earth, \$100,000. Vallejo, Solano Co., Cal. Engineer's name not given. Owners, City of Vallejo. Bids are now being called for on the second section of bulkhead to be erected in Vallejo. Plans and specifications can be secured from the City Clerk. Bids will be opened on May 8th.

INCINERATOR PLANT—Cost not stated. San Rafael, Marin Co., Cal. Engineer, City Engineer. The City Council of San Rafael rejected all bids for the construction of the new incinerator to be erected in that city. Z. O. Field of San Jose presented the lowest figure. Plans are to be revised and new bids will be called for shortly.

Contracts Awarded.

STREET ELECTROLIERS—Cost not stated. St. Helena, Napa Co., Cal. Engineer's name not given. Owners, City of St. Helena. Contractors, Napa Valley Electric Co. Contract price, \$3,108.

BUILDING CONTRACTS.

MARIN COUNTY

SEQUOIA PARK, San Anselmo. All work for one-story frame building. Owner, Hugh Driscoll. Architect, Robert Watson. Contractor, Watson Bros., San Anselmo.

Filed Apr. 23, '14. Dated Mar. 25, '14.
Rafters up
1st coat plaster
Completed and accepted

Usual 35 days
TOTAL COST, \$1528
Bond, limit, forfeit, none. Plans and specifications, none

LOT 4 BLK 26, Lands Belvedere Land Co., Belvedere. All work for frame golf club building.

Owner, Belvedere Land Co.
Architect, Albert Farr, 68 Post, S. F.
Contractor, George M. White.
Filed Apr. 16, '14. Dated Apr. 14, '14.

Material, except finish material, delivered \$300
Frame work completed 500
Building completed 500
Usual 35 days \$75
6th and 7th payments each to be \$375 represented by notes, etc., payable 60 days after date respectively, int. 6% per annum.....

TOTAL COST, \$3300
Bond, \$1750. Surety, Pacific Coast Casualty Co. Limit, forfeit, none
Plans and specifications filed.

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED ACCEPTED
Apr. 15, 1914—LOT 7 BLK 2, Winship Tract, Ross, R. C. Hillen to whom it may concern...Apr. 15, 1914

LIENS FILED.

MARIN COUNTY.

RECORDED AMOUNT
Apr. 24, 1914—LOT 1 Pearl Tract, Ross, White Bros vs G Sandberg, The Estate of Fredk Lass, dec'd, and G P Laninger extr Estate of Fredk Lass, dec'd..... \$33.13
Apr. 17, 1914—LOT 23, Cole Tract, Ross, E K Wood Lumber & Mill Co vs Ethel Grace Reinert, Mrs B A Goddard, E Dahl and W A Heins \$92.76
Apr. 17, 1914—LOT 23, Cole Tract, Ross H M Kuhn vs Ethel Grace Reinert, Mrs B A Goddard, E Dahl and W A Heins \$160
Apr. 17, 1914—LOT 23, Cole Tract, Ross L A Pearl vs Ethel Grace Reinert, Mrs B A Goddard, E Dahl and W A Heins \$76.55

SAN JOSE AND THE SANTA CLARA VALLEY

RESIDENCE—2 story and base, frame. Cost not stated. Palo Alto, Santa Clara Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, H. L. Haehl.

E. H. Williams

Chalmer Munday

Munday & Williams

Attorneys-at-Law

Special Attention Given to Building Law and Bankruptcy Cases

Telephone Kearny 2622

615 Phelan Building, San Francisco

The dwelling has been designed for an eight-room house with two baths and sleeping porch. Interior will be finished in pine, redwood and white enamel. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile floors and wainscot and will be equipped with showers. Exterior will be finished with cement plaster on metal lath. Plans are now being prepared.

GARAGE—1 story and base, reinforced concrete, \$20,000. San Jose, Santa Clara Co., Cal. Architect, none. Owners, Olsen & McFarland Auto Co., 228 North First street, San Jose. The building will be erected on the property now occupied by the company on North First street. New building will cover a considerable ground area and will be practically fireproof. There will be concrete floor and walls, steel roof trusses and fireproof interior partitions. Metal window sash and frames and special gasoline storage tanks will be used. Interior will contain a display room, storage space and machine shop. Exterior of the building will be faced with cement plaster. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

POST OFFICE—1 story and base, brick and frame, \$20,000. Palo Alto, Santa Clara Co., Cal. Architects, Bakenwell & Brown, 251 Kearny street, S. F. Owners, Leland Stanford, Jr., University. Plans are complete for a one story branch post office to be erected on the University grounds at Palo Alto. The building will contain work space and public lobby. Interior finish will be of pine and hardwoods. There will be special cabinet work. A central heating system will be installed. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken.

STORES—1 story and base, brick, \$3,000. San Jose, Santa Clara Co., Cal. Architect, none. Owners, J. F. Pryle & Son, San Jose. The building will be erected at the northwest corner of Martha and 5th streets and will contain two modern stores. Interiors will be finished in pine. There will be modern plumbing and electric work. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

NO. 944 S-ORCHARD ST., San Jose.
Three-room shack.
Owner.....P. D. Russo, Premises.
Architect....None.
Day's work. COST, \$400

E SANTA CLARA AND 26TH STS., San Jose. Planing mill and shop.
Owner.....San Jose Lumber Co., Prem.
Architect....None.
Day's work. COST, \$300

NW MARTHA AND FIFTH STS., San Jose. One-story addition to brick building.
Owner.....J. F. Pryle & Sons, Prem.
Architect....None.
Day's work. COST, \$3000

NO. 817 STATE ST., San Jose. Five-room cottage.
Owner.....Mrs. Rose Pinto, Premises.
Architect....None.
Contractor..J. Giata. 233 West St.
James St., San Jose.
COST, \$1155

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

RESIDENCE—2 story and base, frame, \$6,000. Reedley, Fresno Co., Cal. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owner, Mr. A. Winters. The dwelling has been designed for an eight-room house with bath and sleeping porch. Interior finish will be of pine, redwood and white enamel. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Automatic water heaters will be installed. Bath room will be finished in tile with composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

SCHOOL—1 story and base, reinforced concrete. Cost not stated. Ceres, Stanislaus Co., Cal. Architect, William H. Weeks, 75 Post street, S. F. Owners, Ceres School District. The building has been designed to contain seven class rooms, assembly hall, principal's office and library. Interior finish will be of pine and hardwood with maple floors in the class rooms. There will be steam heat, oil burning furnace, and a modern system of ventilation. Program clocks will be installed. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken. Bids close on May 2nd. Plans and specifications can be secured from the architect.

ROCK CRUSHER EQUIPMENT—Cost not stated. Woodford, Kern Co., Cal. Engineer, County Surveyor, Bakersfield. Owners, Kern County. Plans for a large rock crushing plant which is to be installed at Woodford have been completed by the County Engineer and are now out for figures. The plant is to be electrically equipped and is to have an output of 1,000 tons per day. The State Highway Commission has agreed to take nearly the entire output of the plant. Bids are now being taken and will be opened on May 12th. Plans can be secured from

the County Clerk at Bakersfield. An official proposal appears in another column of this issue.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

BUNGALOW—1 story and base, frame, \$2,000. Sacramento, Cal. Architect, none. Owner, Ernest Hall, Chico avenue. The dwelling has been designed for a six-room house with bath and will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place with a tile mantel in the living room. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SCHOOL—1 story and base, frame, \$15,000. Roseville, Placer Co., Cal. Architect, Erwin Schaefer, Plaza Bldg., Oakland. Owners, City of Roseville. The building will contain four standard sized class rooms, library and principal's office. Interior will be finished in pine throughout. Maple floors will be used in the class rooms. There will be a central heating system, probably warm air. A modern system of ventilation will also be installed. Exterior of the building will be covered with rustic. Plans are complete and bids will be called for shortly. Further mention will be made at that time.

BANK—1 story and base, reinforced concrete, \$25,000. Sacramento, Cal. Architects, Seadler & Hoen, Forum Bldg., Sacramento. Owners, Oak Park Branch of the Sacramento Bank. The building has been designed in the classic style and will be practically fireproof in construction. Reinforced concrete floors and walls and metal lath and plaster interior partitions are specified. Interior will be finished in pine, hardwoods and ornamental plaster. There will be steam heat, ornamental iron and bronze and special bank fixtures. Exterior of the building will be faced with cement plaster. Plans are being prepared.

BRIDGE—Steel and concrete, \$50,000. Redding, Shasta Co., Cal. Engineer, A. V. Saph, Redding. Owners, Shasta County. The City Trustees of Redding, Shasta Co., formally approved plans for the Reid Ferry bridge which were prepared by Engineer A. V. Saph. Approval of the State Highway Commission has also been given. The bridge will cost in the neighborhood of \$50,000, leaving the sum of \$10,000 for construction of approaches. An official notice will be published at once.

JAIL BUILDING—2 story and base reinforced concrete, \$25,000. Red Bluff, Tehama Co., Cal. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, Tehama County. Plans for this building have been revised and new figures will be called for at once. The building will be of fireproof construction and besides the jail proper will contain the office of the Sheriff and other officials. There will be separate wards for the male and female prisoners. Plans provide for steam heat and a hot water supply. Interior will be finished in pine. Special jail equipment will be used. Exterior of the building will be faced with cement

plaster. Plans are to be refigured at once.

HOSPITAL WARD NO. 25—2 story and base, reinforced concrete. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, State Department of Architecture, Sacramento. Owners, State of California. The lowest figure for constructing Ward Building No. 25 at Stockton was that received from L. G. Berggren & Son of San Francisco at \$18,472. A complete list of the bids as opened in Sacramento will be found under the heading of Sacramento, Stockton and Northern California.

HOSPITAL ELEVATOR WORK—Cost not stated. Stockton, San Joaquin Co., Cal. Engineer, State Department of Engineering, Sacramento. Owners, State of California. The Otis Elevator Co. submitted the lowest figure at \$2,295 for furnishing and installing an elevator in the Female Ward at the Stockton Hospital. A complete list of the bids as opened will be found under the heading of Sacramento, Stockton and Northern California in this issue.

HOTEL—9 story and base. Class A construction. Cost not stated. Sacramento, Cal. Architect, none. Owners, Miller and McGilvray, Sacramento. The building will be erected at the corner of 11th and J streets, covering an area of 70 by 11½ feet. There will be a complete steel frame, brick exterior walls and concrete floors. Interior finish will be of pine and hardwoods. There will be several stores besides the hotel lobby on the first floor. A large percent of the rooms will have private baths. There will be steam heat, elevator service, vacuum cleaning and a hot water supply. Bath rooms will have tile floors and wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and the owners are taking figures on some parts of the work.

SCHOOL—1 story and base. Class C construction, \$40,000. Roseville, Placer Co., Cal. Architect, Erwin Schaefer, Plaza Bldg., Oakland. Owners, City of Roseville. The building will contain six class rooms and assembly hall. Interior will be finished in pine and redwood with maple floors in the class rooms. There will be steam heat and modern ventilation. Program clocks will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for shortly.

Contracts Awarded.

SCHOOL—2 story and base, reinforced concrete, \$52,026. Willows, Glenn Co., Cal. Architect, William H. Weeks, 75 Post street, S. F. Owners, Willows Union High School District. Contractor, W. R. Zimwalt. Contract price, \$52,026.

Electric Elevator At Stockton Hospital.

State Department of Engineering Receives Three Bids For Furnishing Automatic Elevator.

(By Special Wire.)

SACRAMENTO, CAL., April 21, 1914.—Bids were opened this afternoon by the State Department of Engineering for elevator work in the Female Ward building at the Stockton State Hospital. Alternate propositions were asked

for on the elevator work, for which no bids were received, and for furnishing an automatic electric passenger elevator. For this work the following bids were received:

Automatic Electric Elevator.

Otis Elevator Co.	\$2,295
Van Emon Elevator Co., Inc.	2,598
Pacific-Gurney Elevator Co.	3,500
No contract was awarded.	

Stockton Hospital Will Have Ward.

State Board of Control Opens Bids For
New Ward Building No. 25. L. G.
Bergren & Son Low.

(By Special Wire).

SACRAMENTO, Cal., April 23, 1914.—Bids were opened this afternoon by the State Board of Control for constructing the new ward building known as Ward No. 25, at the Stockton State Hospital. L. G. Bergren & Son of San Francisco were low at \$18,472. Fourteen sets of bids were submitted. A contract has not been awarded. Following is a complete list of the bids opened:

Ward Building No. 25.

L. G. Bergren & Son.	\$18,472
Frank M. Garden & Co.	19,273
P. J. Lynch.	49,671
Chirhardt & Nystedt.	51,479
Howard S. Williams.	51,500
William A. Newsom.	51,988
Pringle, Dunn & Co.	52,250
Peichaert & Ambrose.	52,789
Louis Cereghino.	53,430
O. F. Fischer.	53,813
Clinton Fireproofing Co.	54,000
Welch Bros.	55,007
Mathews Constr. Co.	58,600
Bluxome & Co.	60,626

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

S 20 FT. LOT 2 and Ptn of E 100 ft.
Lot 3 Sub E, Oak Park, Sacramento.
Two-story building.
Owner.....E. A. Thiele
Architect...None.
Contractor...R. M. Smith, 2017 18th St.,
Sacramento.
Filed Apr. 14, '14. Dated Apr. 7, '14.
COST, \$13,100

E 1/2 OF N 1/2 LOT 4, T. U. 15TH AND
18th Sts., Sacramento. Two-story
frame apartment house 4 apartments
Owner.....Margaret Blake, 2019 18th
St., Sacramento.
Architect...None.
Contractor...R. M. Smith, 2017 18th St.,
Sacramento.
COST, \$3300

N 1/2 LOT 7, 1. J. FRONT & SECOND
Sts., No. 908 Second St., Sacramento.
Alterations two-story brick into
lodging house and store.
Owner.....Wm. C. Schroth, 2515 M
St., Sacramento.
Architect...None.
Contractor...Murcell & Haley, Ochsner
Bldg., Sacramento.
COST, \$1300

71 HOWELL & CLARK TCT. No. 1025
Vale St., Sacramento. One and one-
half-story frame dwelling.
Owner.....Harry P. Tharp, 2128 9th
St., Sacramento.

Architect...None.

Contractor...Morrill & Clark Constr.
Co., 715 23d St., Sacramento
COST, \$3600

LOT 25 T STREET COURT, bet. 31st
and 32d Sts., Sacramento. Five-room
terra cotta hollow tile dwelling.
Owner.....J. H. Strathman, 4201
Holly Hock Ave., Sacra-
mento.

Architect...None.
Contractor...H. H. Preibesius, Fair
View Hotel, Sacramento.
COST, \$2900

LOT 106 CASA LOMA TERRACE, Sacra-
mento. One-story six-room frame
dwelling.
Owner.....Chas. J. Holland, 2401 I
St., Sacramento.

Architect...None.
Contractor...W. D. McKay, 3029 E St.,
Sacramento.
COST, \$2800

S 50 FT. OF E 1/4 LOT 1 AND S 50 FT.
of W 30 ft. Lot 2, Sacramento. Brick
barn.
Owner.....W. H. Bradley, 11th, J and
K Sts., Sacramento.

Architect...None.
Contractor...Harry A. Hendren, 2915 I
St., Sacramento.
COST, \$2350

LOT 1 BLK "C" Sub B South Sacra-
mento. One-story 6-room frame
dwelling.
Owner.....W. H. Hammill, 3906 York
Ave., Sacramento.

Architect...None.
Contractor...Chas. J. Smith, 1516 27th
St., Sacramento.
COST, \$2298

W 1/2 OF S 1/2 LOT 5; No. 2929 S 1st.
Sacramento. One-story frame dwlg.
Owner.....E. J. Walther.
Architect...None.
Contractor...J. Silva, 12th, bet. F and G
Sts., Sacramento.
COST, \$2000

LOT 55 MIER & SOWELL HIGH
School Tract: No. 3406 T St., Sacra-
mento One-story 5-room frame dwlg
Owner.....Lee Truax, 3617 6th Ave.,
Sacramento.
Architect...None.
Contractor...R. E. Stubbe.
COST, \$1800

N 1/2 LOT 4, K. L. 10TH AND 11TH STS.,
No. 1020 K St., Sacramento. Erect
brick furniture store.
Owner.....B. Frommer, Thayer Apts.,
1226 N St., Sacramento.
Architect...W. H. Weeks, 75 Post St.,
San Francisco.
Contractor...Siller Bros., 1611 13th St.,
Sacramento.
COST, \$1800

W SIDE OF I ST., Sacramento. Founda-
tion for boilers and raise roof of
building.
Owner.....City of Sacramento.
Architect...City Engineer.
Contractor...Siller Bros., 1611 13th St.,
Sacramento.
COST, \$1675

W 50 FT. LOT 2, U. V. 27TH AND 28TH
Sts., No. 2710 U St., Sacramento. One
story 5-room frame dwelling.
Owner.....Frank Meyers, Premises.
Architect...None.

Contractor...Frank Meyers, 2710 U St.,
Sacramento. COST, \$1500

LOT 231 OAK TERRACE, South Sacra-
mento. One-story frame dwelling.
Owner.....W. F. Tovelie, 2810 P St.,
Sacramento.

Architect...None.
Contractor...H. Buck, 3100 Walnut Ave
Sacramento.
COST, \$1400

E 1/2 LOT 3, T. U. 12TH AND 13TH STS.,
No. 1220 T St., Sacramento. One-
story five-room frame dwelling.

Owner.....Mattie Ingram.
Architect...None.
Contractor...Harry A. Hendren, 2915 I
St., Sacramento.
COST, \$1300

832 WRIGHT & KIMBROUGH TRACT
No. 22, Sacramento. One-story frame
dwelling.
Owner.....Ernest Ball, Ohio Ave.,
East Lawn, Sacramento.
Architect...Ernest Ball.
Contractor...Ernest Ball.
COST, \$1200

W 1/2 LOT 2, N. O. 14TH & 15TH STS.,
Sacramento. Alterations and addi-
tions two-story frame dwelling.
Owner.....Mrs. M. J. Scanlon, 1408 N
St., Sacramento.
Architect...C. C. Cuff, Ochsner Bldg.,
Sacramento.
Contractor...C. A. Gray, 2830 I St., Sacra-
mento.
COST, \$1015

LOT 1 BLK "C" Sub "B" South Sacra-
mento: York Ave bet 39th and 40th
Sts. One-story and basement frame
residence.
Owner.....W. H. Hammill, 3902 Y St.,
Sacramento.
Architect...None.
Contractor...C. J. Guth, 1516 27th St.,
Sacramento.
Filed Apr. 18, '14. Dated Apr. 14, '14.
COST, \$2298

W 1/2 LOT 3 T. U. 2ND AND 3RD STS.,
Sacramento. Five-room frame house
Owner.....Mrs. Mattie Ingram.
Architect...None.
Contractor...Harry A. Hendren, 2915 I
St., Sacramento.
Filed Apr. 18, '14. Dated Mar. 30, '14.
COST, \$1300

W 1/2 LOT 2, N. O. 14TH AND 15TH
Sts., Sacramento. Alter building.
Owner.....Mrs. M. J. Scanlon.
Architect...None.
Contractor...Charles Gray and H. B.
Bolt.
Filed Apr. 18, '14. Dated ———.
COST, \$1015

E 31 FT. OF W 88 1/2 FT. OF S 12 1/2 FT.
Lot 5, Front and Second on R 125 S,
Sacramento. One-story 4-room frame
dwelling.
Owner.....Frank Rico, 227 J St., Sacra-
mento.
Architect...None.
Contractor...M. Simas, 511 P St., Sacra-
mento. COST, \$800

N 1/4 LOT 1, M. N. 4TH AND 5TH STS.,
No. 400 M St., Sacramento. Remodel
meat shop and install ice box.
Owner.....Charles F. Silva, Premises.
Architect...None.

contractor..Geo. C. Baumgartel, 1410 1/2
O St., Sacramento.
COST, \$600

W 1/2 LOT 5, H. I. 8TH AND 9TH STS.,
Nos. 825-827 1 St., Sacramento. Two
brick stores and rooms.

Owner.....Nora and Nellie Daroux,
Care Ben Lomand Co., Sacra-
mento.

Architect...None.
Contractor..Siler Bros., 1614 13th St.,
Sacramento.
COST, \$100

S 70 FT. OF W 1/2 LOT 7, J. K. 5TH &
5th Sts., Nos. 509-511 K St., Sacra-
mento. Three stores and lodging
house.

Owner.....Gray Estate, 720 M St.,
Sacramento.
Contractor..Harry Wynn.
COST, \$400

LOT 13 H J Goethe Add'n "F," Sacra-
mento. One-story 4-room frame
dwelling.

Owner.....Harry E. Strader, 2910
Carmelo Ave., Oak Park,
Sacramento.

Architect...None.
Contractor..H. A. W. Lindgreen, 3730
Cypress Ave., Sacramento.
COST, \$200

E 1/2 LOT 2, K. L. 7TH AND 8TH STS.,
No. 714 K St., Sacramento. Remodel
stores and offices.

Owner.....Ing & Allec, 717 K St., Sacra-
mento.

Architect...None.
Contractor..J. Harry Wygant, 2110 X
St., Sacramento.
COST, \$400

METAL LATH AND PLASTER PARTI-
tions and place rear doors on above.
Contractor..J. Harry Wygant, 2110 X
St., Sacramento.
COST, \$300

LOT 4, M. N. 20TH AND 21ST STS.,
Sacramento. Remodel dwelling.

Owner.....William A. Curtis, 2030 M
St., Sacramento.

Architect...Jas. Seadler, Forum Bldg.,
Sacramento.

Contractor..Chas. Vanina, 2022 M St.,
Sacramento.
Filed Apr. 21, '14. Dated Apr. 18, '14.
COST, \$7877

LOT 1532 Wright & Kimbrough Fract
No. 24; No. 1036 Yardley St., Sacra-
mento. One-story frame dwelling.

Owner.....Theodore W. Chester,
People's Bank Bldg., Sacra-
mento.

Architect...None.
Contractor..Wright & Kimbrough Bldg
Dept., 817 J St., Sacra-
mento.
COST, \$4300

S 23 1/2 FT. LOT 1, K. L. 2ND AND 3RD
Sts., Sacramento. One-story brick
store.

Owner.....Harry Golstern, 628 15th
St., Sacramento.

Architect...None.
Contractor..Chas. A. Vanina, 2022 M St.
Sacramento.
COST, \$3500

Lot 1339 Wright & Kimbrough Tct 29,
Sacramento. One-story 5-room frame
dwelling.

Owner.....M. C. Albrecht, 2723 Y St.,
Sacramento.

Architect...None.
Contractor..Wright & Kimbrough, 817
J St., Sacramento.
COST, \$2400

LOT 51 Riverside Road, Sacramento.
One-story frame dwelling.

Owner.....W. P. Murry, 3634 Cypress
Ave., Sacramento.

Architect...None.
Contractor..W. P. Murry, 3634 Cypress
Ave., Sacramento.
COST, \$1800

N 90 FT. OF E 1/2 LOT 4, N. O. 23RD
24th Sts., No. 2330 N St., Sacramento.
Alterations, to raise dwelling and
make stores.

Owner.....Jas. T. Murry, 2316 N St.,
Sacramento.

Architect...None.
Contractor..Geo. F. Cluff, Jr., 2316 N
St., Sacramento.
COST, \$1350

N 40 FT. LOT 97 East Sacramento;
Florence Ave bet Pearl & Cloyss Ave,
Sacramento. One-story frame dwlg.

Owner.....E. S. Willet, R. F. D. No. 1,
Florin.

Architect...None.
Contractor..E. S. Willet.
COST, \$1100

E 1/2 LOT 2 L. M. 22ND AND 23RD STS.,
No. 2212 L St., Sacramento. Repair
fire damage to storage barn.

Owner.....L. H. Jacox, Premises.
Architect...None.
Contractor..G. W. McKay.
COST, \$300

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

LOT W 1/2 LOT 6 AND S 1/2 OF E 1/2
Lot 7, J. K. 5th and 6th Sts., Sacra-
mento. Repair building.

Owner.....Edith McGardner, 515 1/2 &
517 1/2 K St., Sacramento.

Architect...None.
Contractor..Mathews Constr. Co., 501
Forum Bldg., Sacramento.
COST, \$2000

NINTH AVE near East Ave, Lot 23,
Lockwood Oak Park, Sacramento.
One-story frame garage.

Owner.....Geo. W. Locke, 1601 L St.,
Sacramento.

Architect...None.
Contractor..A. D. Stafford, 1408 T St.,
Sacramento.
COST, \$250

MARSHALL AVE about 332 feet N in
Seventh St., Lot 7, Marshall Court,
Sacramento. Frame building.

Owner.....Burton H. Bill, 3215 4th
Ave., Sacramento.

Architect...None.
Day's work.
COST, \$1500

N 56 LOT 4, T. U. 2ND AND 3RD STS.,
Sacramento. Two-story addition to
dwelling.

Owner.....M. J. Lamb 2000 3rd St.,
Sacramento.

Architect...None.
Day's work.
COST, \$250

LOT 1, P. Q. 20TH AND 21ST STS., No.
2015 Q St., Sacramento. One-story
frame building.

Owner.....J. R. Thompson, Premises.
Architect...None.

Contractor..Mr. Tattl, O St., bet 21st
and 22nd, Sacramento.
COST, \$100

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
Apr. 18, 1914—ONE ACRE, being ptn
of certain Tct lying in Sec 23, T 8
R 4, Sacramento. Mrs. E. A. Merk-
ley to whom it may concern.....

.....Feb. 24, 1914
Apr. 17 1914—LOT 160 AND N 1/4
Lot 161, Homestead Add'n, Sacra-
mento. Royal Miller to Harry A
Hendren.....Feb. 26, 1914

LOS ANGELES AND SOUTH- ERN CALIFORNIA.

BANK AND OFFICES—7 story and
base. Class A construction. Cost not
stated. Los Angeles, Cal. Architects,
Reid Bros., California-Pacific Bldg., S.
P. owner, Hulett C. Merritt. The
building will be erected at the north-
west corner of 8th and Spring streets,
covering an area of 60 by 115 feet.
There will be a number of stores in
the first floor, banking rooms on the
second floor and offices on the upper
floors. The entire seventh floor will
be occupied by the Merritt Co. Con-
struction will be of steel and brick
with reinforced concrete floors and
roof slabs. The stories will be con-
siderably higher than usual and the
building will have an extreme height
of 115 feet. Interior will be finished
in pine, hardwoods, metal trim and
marble. There will be special bank
equipment and vaults. Exterior of the
building will be faced with pressed
brick. Plans are being prepared.

WAREHOUSE—4 story and base,
brick. Cost not stated. Los Angeles,
Cal. Architects, Morgan, Walls &
Morgan, Van Nuys Bldg., L. A. Owner,
Mrs. H. S. Van Nuys. The building will
be erected at the corner of Pico and
San Pedro streets, covering an area of
70 by 170 feet. Construction will be of
the extra heavy type with brick walls
and mill constructed interior. There
will be elevators and spiral chutes.
Metal window sash and frames are
specified. Exterior of the building
will be faced with stock brick. Plans
are now being prepared.

SCHOOL—3 story and base. Class A
construction. \$40,000. Los Angeles, Cal.
Architect, Arthur B. Benton, 114 North
Spring street, L. A. Owners, Florence
Crittenton Home for Girls. The build-
ing will cover an area of 60 by 110
feet, and will be of reinforced concrete.
Concrete walls, floors and roof slabs
will be used. Interior will be arranged
for class rooms, library, sewing rooms,
wards and single rooms. There will
be kitchens and dining rooms. Inter-
ior finish will be of pine and hard-
wood. There will be steam heat and
modern plumbing. Exterior of the
building will be faced with pressed
brick. Plans are complete and figures
are being taken.

APARTMENT HOUSE—3 story and
base. Class C construction. Cost not
stated. Santa Monica, Los Angeles Co.,
Cal. Architect, A. C. Martin, Higgins
Bldg., L. A. Owner, Thomas Higgins.
The building will be erected at the

corner of Second and Arizona streets, covering an area of 75 by 100 feet. There will be a total of 75 rooms arranged in two and three room suites. Interiors will be finished in pine, redwood and some hardwood veneer. Oak floors will be used. There will be steam heat, a vacuum cleaning system, hot water supply and wall beds. All suites will have private bath rooms. Bath rooms will be finished in tile and will have composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

HOTEL—5 story and base, brick and steel, \$65,000. Venice, Los Angeles Co., Cal. Architects, Western Architectural and Building Co., Coulter Bldg., L. A. Owner, Adiel B. Tomlinson and F. A. Ripley. The building will be erected at the corner of Westminster and Ocean avenues, and will cover an area of 40 by 100 feet. Five stories and the hotel office and lobby will occupy the first floor. Basement will contain a large cafe while the upper floors will be arranged for hotel rooms and offices. Interior finish will be of pine throughout. Plans provide for steam heat, elevator service and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, brick and plaster. Cost not stated. Los Angeles, Cal. Architect, Homer W. Glidden, Wright and Callender Bldg., L. A. Owner, J. W. Fowler. The dwelling will be erected in Oneonta Park, and has been designed to contain ten rooms and three baths. A garage of similar construction will also be erected on the property. Interior of the dwelling will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Bath rooms will have tile wainscot and floors and will be equipped with showers. Automatic water heaters will be installed. Exterior of the dwelling and garage will be covered with cement plaster. Plans are complete and figures are being taken.

OFFICE BUILDING—3 story and base, Class A construction, \$100,000. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, W. G. Kerchoff Contractor, Weymouth Crowell, Story Bldg., L. A., general construction, \$160,000; Independent Sewer Pipe Co., 223 South Los Angeles street, L. A., terra cotta work; Foulkes Electric Co., Van Nuys Bldg., L. A., electric work.

THEATRE AND OFFICES—3 story and base, brick and steel, \$25,000. Brawley, Imperial Co., Cal. Architects, P. W. Ehlers and A. W. Riewe, California Bldg., L. A. Owner, J. L. Manahan. The building will cover an area of 104 by 125 feet, and has been designed to contain three stores and the theatre on the first floor. Upper floors will be arranged for a large number of modern offices. Interior finish will be of pine and redwood. Metal lath and plaster interior partitions will be used. Plans provide for steam heat and a hot water system. Patent store fronts are specified. Ex-

terior of the building will be faced with pressed brick. Plans are now being prepared.

HOTEL—1 story and base, reinforced concrete. Cost not stated. Pasadena, Los Angeles Co., Cal. Architect, Myron Hunt, Hibernian Bldg., L. A. Owner, D. M. Linnard. The building will be erected at the corner of Colorado and Euclid streets and will have a frontage on Euclid of 200 feet. Construction will be fireproof throughout with reinforced concrete floors, walls and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. Plans provide for in the neighborhood of 300 rooms and are so arranged that a wing may be added in the future giving the hotel an additional 100 rooms. All rooms will have private baths. Interior finish will be of pine and hardwood. There will be steam heat, elevator service, vacuum cleaning and a hot water system. Exterior will be faced with cement plaster. Preliminary plans have been approved.

Contracts Awarded.

WAREHOUSE—3 story and base Class C construction, \$40,000. Los Angeles, Cal. Architect, none. Owner, Moritz Thomsen. Contractor, Joseph F. Rhodes, Central Bldg., L. A. Contract price, \$40,000.

APARTMENT HOUSE—3 story and base, Class C, \$45,000. Los Angeles, Cal. Architect, L. T. Mayo, Van Nuys Bldg., L. A. Owner, Mrs. Dora Reddin. Contractor, L. T. Mayo, Van Nuys Bldg., L. A. Contract price, \$45,000.

APARTMENT HOUSE—3 story and base, brick, \$30,000. Los Angeles, Cal. Architects, Garrett & Farrell, Currier Bldg., L. A. Owner, H. A. Pierce. Contractors, Atlas Construction Co., Grant Bldg., L. A. Contract price, \$30,000.

APARTMENT HOUSE—3 story and base, Class C construction, \$30,000. Los Angeles, Cal. Architect, L. J. Jones, Central Bldg., L. A. Owner, Herman Guttmann. Contractors W. W. La Vanway and Adams, Maryland Apartments, L. A. Contract price, \$30,000.

STORES AND LOFTS—5 story and base, reinforced concrete, \$68,544. Los Angeles, Cal. Architects, Train & Williams, Exchange Bldg., L. A. Owner, J. F. Hosfield. Contractors, Barber-Bradley Construction Co., 1824 East 15th street, L. A., general construction. Contract price, \$68,544.

PORTLAND AND OREGON.

CHURCH—1 story and base, hollow tile construction, \$25,000. McMinnville, Ore. Architects, Jacobberger & Smith, Board of Trade Bldg., Portland. Owners, Roman Catholic Church of McMinnville. The building will contain an auditorium seating 600 people, vestry and Sunday school rooms. Interior finish will be of pine throughout. There will be steam heat. Some ornamental plaster and art glass will be used. Exterior of the church will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

LODGE HALL—2 story and base, brick. Cost not stated. Portland, Ore. Architect, J. D. Dautoff, Stock Exchange Bldg., Portland. Owners, Ba-

nal B'nith Hall Association. The building will be erected on 13th street and will cover an area of 45 by 80 feet. A large gymnasium, billiard room, smoking room, locker room and running track will occupy the first floor. A three-room apartment for the janitor and a swimming tank will be located in the basement. Second floor will contain meeting hall, library, reading rooms, offices and kitchen. Interior finish will be of pine and hardwoods. There will be steam heat. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

THEATRE—2 story and base, Class A construction, \$100,000. Portland, Ore. Architect, Aaron H. Gould, Henry Bldg., Portland. Owner, M. G. Winstock. The building will be erected at the corner of Park and Stark streets, covering an area of 100 by 100 feet. Construction will be fireproof throughout with a complete steel frame and reinforced concrete walls and floors. The main auditorium will have a seating capacity of about 2,000 people. Plans also provide for stores and storage space. Interior partitions will be of hollow tile and metal lath and plaster. Interior finish will be of pine and hardwoods. Ornamental plaster, marble and tile will also be used. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SEATTLE AND WASHINGTON.

APARTMENT HOUSE—2 story and base, brick, \$100,000. Seattle, Wash. Architect, John Graham, Lyon Bldg., Seattle. Owner, D. R. McKay. The building will be erected at the southeast corner of 7th avenue and Pike street, and will cover an area of 80 by 120 feet. Interior has been designed to contain seventy-six suites of two and three rooms with baths. All apartments will have wall beds. Interior finish will be of pine and hardwood. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

GARAGE—2 story and base, brick and steel, \$28,000. Seattle, Wash. Architect, none. Owners, Firestone Tire and Rubber Co., Seattle. Contractor, L. L. Lang, New York Bldg., Seattle. Contract price, \$28,000.

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Cement Co.Brick Dealers.
Alcigler, E. A.
Alsen's Portland
Cement Co.
City Supply Co.
Cowell Lime &
Cement Co.
Dwan & Co., J. E.
Guerrin & Co., J.
Holland, J. P.
Lennon Co., J. E.
Lalley & Thurston
Co.
Meyer, Adolph
Pacific Portland
Cement Co.
Standard Portland
Cement Co.
Waterhouse &
Cement Co.
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Standard Portland
Cement Co.
Waterhouse &
Cement Co.
Western Lime &
Cement Co.Price Co.
Western Asbestos
Magnesia Co.
Western Builders'
Supply Co.
Western Develop
ment Syndicate.
Western Lime &
Cement Co.
Whittier - Coburn
Co.
Woods & Hud
gartBrick Dealers.
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Meyer, Adolph
Pacific Portland
Cement Co.
Standard Portland
Cement Co.
Waterhouse &
Cement Co.
Western Lime &
Cement Co.Comyns & Nygren
Forderer
Works
G. & M. Sheet
Metal Works.
Hibernia Sheet
Metal Works.
Hughes, H. J.
Hurst Bros.
Ideal Cornice Co.
Korrell & Co., J. A.
Modern Sheet
Metal Works
Morrison & Co.
Olive & Leary
United Metal
Products Co.
Western Furnace
& Cornice Co.
S. F. Metal Stamp
& Corr. Co.Crude Oil Burners
Hall & Jacobsen
Sherman, Kimball
& Co.
Crushed Rock.
Bay Develop. Co.
Cal. Building Ma
terial Co.
Cassaretto, John
City Supply Co.
Holland, J. P.
McMullin, A. L.
Simon-Fort Brick
Star Contracting
Company.
Standard Crushed
Rock Co.
Stone Co., E. B.
A. L.
Welman Develop
ment SyndicateCrushed Rock.
Bay Develop. Co.
Cal. Building Ma
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Simon-Fort Brick
Star Contracting
Company.
Standard Crushed
Rock Co.
Stone Co., E. B.
A. L.
Welman Develop
ment Syndicate

Ferguson, W. H.
Horwege H. J.
Morrer, E. J.
Fridde, Milton

Floors, Composition.
Artulth Mfg. Co.
Bender R.&P. Co.
J. W.
Dwan Co., J. E.
F. J. Preston &
Roofing Co.
Flaherty R. & P.
Co., K. H.
Mott & Peterson
Goodman, A. K.
Watsonite Co.

Floors, Hardwood.
Hardwood Int. Co.
Inland Floor Co.
Pac. Floor Sand-
ing Co.

Galvanized Iron.
Baker & Hamilton
Berger Mfg. Co.

Gas Fixtures.
Day Co., Thomas
Gas Heating Sys-
tems.
Reactor System
Gas Heating Co.

Gasoline Tanks & Pumps.
Deming, E. R.

Glass & Glazing.
Cal. Plate & Win-
dow Glass Co.
Cohen, I.
Fuller Co., W. P.
Grosslicht & Din-
niene
Habentz &
Howlett
Mission Plate &
Window Glass Co.
Honner Plate &
Window Glass Co.
Schwarz & Gottle-
lieb
United Glass
Works (Inc.)

Grading.
Brantley, J. P.
Bulton, I. V.
Carlin Bros.
Cassaretto, John
Devincenzi & Co.,
L.
Iron Teaming
Co.
Glorgi Co., G.
Hartnett J. D.
Holland, J. P.
Lennon Co., J. E.
Leffler, Fred
McGlinchey &
Monahan

Gravel.
Montague Co., P.
O'Day Co., Sanl
O'Donnell, Philip
Pico, Edw. F.
Powere, Chas. J.
Rahman & Woods
Schmid, A.
Sibley Grading &
Teaming Co.
Star Con. Co.
Wright, J. H.

Granite Curbing.
Graham Granite Co.
Leed Granite Co.,
W.
Pacific Granite Co.
Piscer Granite Co.

Gravel.
Ray Devel. Co.
Cal. Building Ma-
terial Co.
Cassaretto, John
City Supply Co.
Flanfield, Crushed
Rock Co.
Star Contracting
Company.

Gravel.
Atine Co., E. B. &
L.

**Hardwood Deliv-
ers.**
Inland Floor Co.
Hardwood Inter-
rior Co.

Wood Lumber Co.
E. K.

Hardware, Dealers.
Baker & Hamilton

Hardware, Dealers.
Bennett Bros.
Bistline & Co.
Krusch, J. H.
Joest Bros.
Meyer, Adolph
Norman & Sons,
F. G.
Palace Hardware Co.
S. F. Hardware Co.
Smith Co., P. A.
Hay & Grate
Aigeltinger, E.

**Heating & Ventila-
ting.**
Ahlbach & Mayer
Atlas Heating &
Ventilating Co.
Klerman & O'Brien
Hurley Co., J. C.
Herman, Herman
Looney Co., J.
Mangrum & Otter
Snook & Co.,
Fred W. J.
Turner Co., The
House Movers &
Raisers.

**Heating & Ventila-
ting.**
Hatch, H. L.
Pearson, N. H.
Sullivan, J. & T.

Inland Floors.
Hardwood Inter-
ior Co.
Inland Floor Co.
Pac. Floor Sand-
ing Co.

Iron Foundry.
Enterprise Found-
ry Co.
Stelger & Kerr,
Stove & Found-
ry Co.
Baker & Hamilton
Dawson & Noyes
Lumber Mfg. Co.
Pacific Coast Steel
Company.
Trusted Concrete
Steel Company.
Woods & Huddart

Iron Works.
Brode Iron Wks.
Dyer Bros.
Eureka Wire &
Iron Wks.
Glaser & Kloores
Golden Gate Iron
Work
Goodman, A. K.
Hillard Co., C. J.
Kell Iron Works
Michel & Pfeffer
Monarch Iron
Works
Ralston Iron
Works

Iron Works.
S. F. Iron Works
Sartorius Co.
Schraeder's Iron
Works
Section Iron &
Wire Works.
Stelger & Kerr
Stove & Found-
ry Co.
Vulcan Iron Wks.
West Coast Wire
Works
Wheaton Iron
Works
Zenith Iron Wks.

Joint Hangers.
Post Caps.
Kortbe & Falls
Mfg. Co.
Lilley & Thurst-
on Co.
Roman Co., C.
Waterhouse &
Price Co.
Western Bldgs.
Supply Co.

**Luthers, Wood &
Metal.**
Balzke, Robt.
Edwards, C. H.
Hayden, Fred
Lynch, Richard
McAbee, E. T.
Raymond, Wm. H.
Snodgrass & Dennis
Ward, J. E.

Lime & Plaster
Dealers
Arden Plaster Co.
Cal. Lime & Hy-
drate Co.
Cowell Lime &
Cement Co.

Lime & Plaster
Guerin & Co., J. S.
Holland, J. F.
Lennon Co., J. E.
Pacific Portland
Cement Co.
Western Lime &
Cement Co.

Lumber Dealers.
Acme Lumber Co.
Christensen Lum-
ber Co.
Columbia Lumber
Co.
Doe Co., Frank F.
Hardy Lumber Co.
Hawberk Lum-
ber Co.
Haupman Lum-
ber Co.
Lumber Co.
Krusch, J. H.
Hooper Lumber Co.
Higgins Lumber
Co.
Fred W. J.
Loop Lumber Co.
McDonald Lum-
ber Co.
Moore Mill and
Lumber Co.
Olson - Mahoy
Lumber Co.
Peterson, E. T.
Pope & Talbot
Reinhart Mill &
Lumber Co.
Ryan, George
Santa Clara Val-
ley Mill & Lum-
ber Co.
Santa Fe Lumber
Co.
S. F. Lumber Co.
Schouten & Co., J.
W.
Sunset Lumber Co.
Terman & Heron
Van Aredele-Har-
ris Lumber Co.
Waller & Co.
Wall, Joe. P.
Wood Lumber Co.,
K. K.
Yates, Wm. F.

**Macneille, Floor-
ing.**
Artulth Mfg. Co.
Bender R.&P. Co.
Dwan & Co., J. E.
F. J. Preston &
Roofing Co.
Flaherty R.&P. Co.
R. H.
Goodman, A. K.
Mott & Peter-
son
Watsonite Co.

**Marble and Mon-
umental Work.**
Gnecco, M. H.
Grassl & Co., P.
Mission Concrete
& Marble Wks.
Mission Marble
Works.
Musto Sons-Keen-
an
New Era Marble
& Concrete Co.
Vermont Marble
Co.

**Marble and Mon-
umental Work.**
Gnecco, M. H.
Grassl & Co., P.
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Vermont Marble
Co.

Metal Stamping.
S. F. Metal Stamp-
ing & Corr. Co.
Oils and Greases.
Hatch, J. G.
Standard Oil Co.,
H.

Metal Stamping.
Benkman, Ed. G.
Binner, Theodore
Larson, O. F.
Lipp & Co., J. P.

**Painters and Deco-
rators.**
Baker Co., W. T.
Baker, W. M.
Blum, Louis
Brook & James
Burns Bros.
Clark & Dickson
Cramer Bros.
Connor, E. J.
Dahl, T. H.
Donovan, V. J.
Erickson, Wm.
Hart, Elbing A.
Lewis, S.
Miller, L.
Miller, J. A.
McCubbin, James
Manning, John
Neal, L. J.
Quinn, Son
Ruderman, J.
Schlesbury, Ben.
Schleifer, Wm.
Simms, Nelson Co.
Smith, J. B.
Sovig, C. S.
Spark & Sons, H.
John H.
Swanson, Peter
Walker, Mayer
Wagner, Fred
Wagner Bros.
Zellinsky, R.

**Paints, Oil Varn-
ishes, Etc.**
Clark & Dickson
Cohn & Co., Mar-
ion D.
Fuller Co., W. P.
O'Brien, J. S.
Paraffine Paint Co.
R. H.
Whittier - Coburn
Co.

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O'Brien, J. S.
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R. H.
Whittier - Coburn
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Fuller Co., W. P.
O'Brien, J. S.
Paraffine Paint Co.
R. H.
Whittier - Coburn
Co.

Chambers, H. A.
(Inc.)
Fay, John
Greenback, Joe.
Connel Co., J. E.
Dahl, J. H.
Duthie, Chas.
Frazer, Simon

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(Inc.)
Fay, John
Greenback, Joe.
Connel Co., J. E.
Dahl, J. H.
Duthie, Chas.
Frazer, Simon

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Greenback, Joe.
Connel Co., J. E.
Dahl, J. H.
Duthie, Chas.
Frazer, Simon

Roofing Materials.
Bird & Son, F. W.
Johns - Manville
Co., H. W.
Parsons Paint Co.
Waterhouse &
Price

Roofing Materials.
Bird & Son, F. W.
Johns - Manville
Co., H. W.
Parsons Paint Co.
Waterhouse &
Price

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Bird & Son, F. W.
Johns - Manville
Co., H. W.
Parsons Paint Co.
Waterhouse &
Price

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Waterhouse &
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Co., H. W.
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Waterhouse &
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Waterhouse &
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Waterhouse &
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Co., H. W.
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Waterhouse &
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Co., H. W.
Parsons Paint Co.
Waterhouse &
Price

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Johns - Manville
Co., H. W.
Parsons Paint Co.
Waterhouse &
Price

Roofing Materials.
Bird & Son, F. W.
Johns - Manville
Co., H. W.
Parsons Paint Co.
Waterhouse &
Price

Structural Steel Contractors.
Brode Iron Wks.
Dyer Bros.
Golden Gate Iron Works
San Francisco Iron Works
Ralston Iron Wks
Vulcan Iron Wks.
Zenith Iron Wks.

Surveyors.
Monroe J. Brandon
Sanborn & Corlison
Wetherell, Chas E
Teaming & Grading.
Brantley, J. P.
Button, L. V.

Carlin Bros.
Devenenzi & Co.
Dillon Teaming Co.
Hartnett, J. D.
Holland, J. P.
Lennon Co. J. E.
Leffler, Fred
Luggen, Ernest
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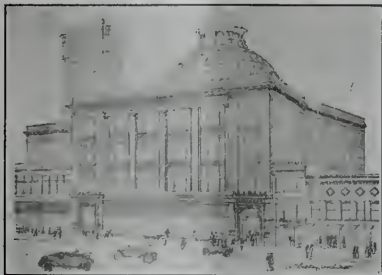
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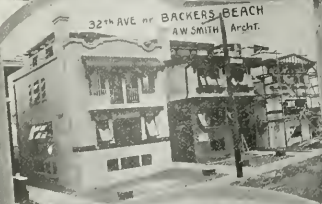
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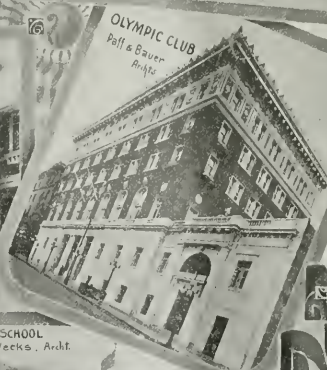
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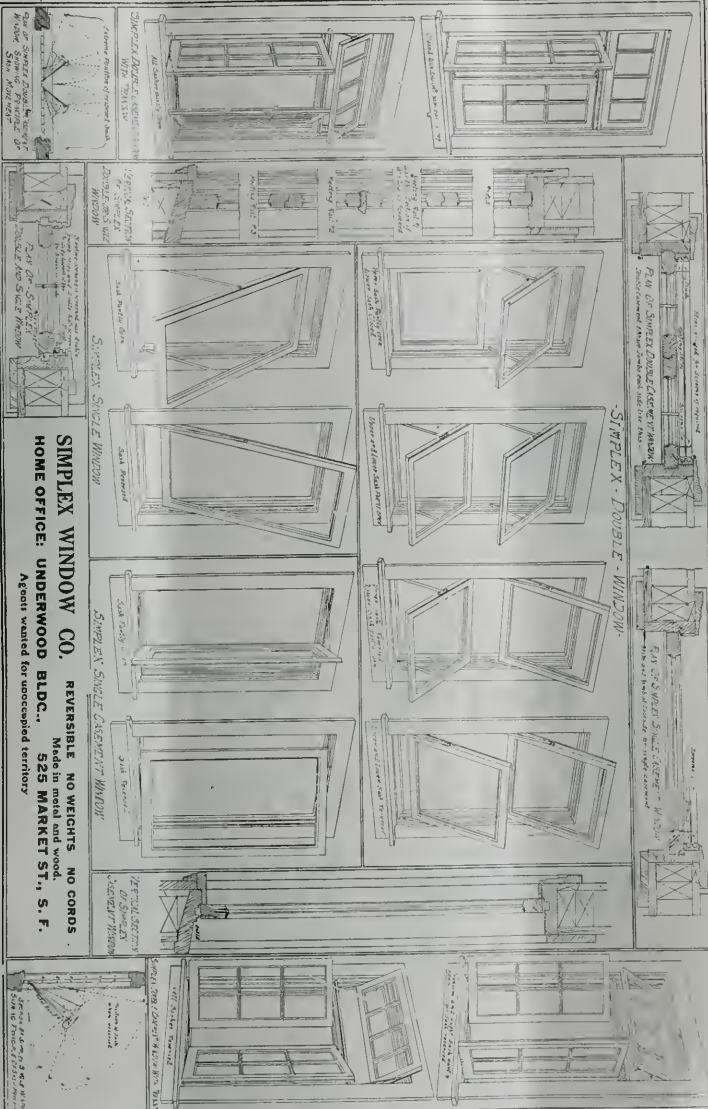
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Editorial Comment.

Relative to our Industrial Accident Commission and the Safety Appliance Act, which went into effect the first of the year, the report of Industrial Accident Board of the State of Massachusetts is interesting. It has prepared a table which shows the results of the fatal and non-fatal accidents.

The total number of non-fatal accidents in the State was \$9,694, or about one for every ten wage-workers. The board is of the opinion that at least half of these can be prevented through improved inspection methods, by safeguarding machines before they leave the factory, by the maintenance of safety museums, through lectures, moving pictures, school talks and the elimination of danger spots in plants. There were 474 fatal accidents, classified as follows:

Assault and fighting.....	1
Railroad equipment	119
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Illness	3
Presses	2
Gras	2
Emery wheels	2
Occupational diseases	2
Glass	1
Wood molders	1
Total	474

This is definite and accurate information. It answers the many objections raised by opponents of our own law by showing how many people are really injured and how easily most of them could be prevented. When an accident means that the person injured is sure to be paid for his injury better devices will be used and more care for humanity will be exercised.

THE OPPRESSED BALD HEADS.

What is there about baldheadedness to arouse laughter? That profound inquiry is suggested once more by a gen-

tleman with a grievance who writes to the Public Mind. Comedians, he says—"alleged" comedians he prefers to call them—always make the baldheaded men the butt of their jokes. He doesn't see why he should be ridiculed for the loss of his hair any more than for the loss of a limb.

Quite right. He shouldn't be, but he is. There is no logical reason for laughing when the dignified gentleman slips on a piece of banana peel. But you laugh, all the same. Considered in the light of pure reason there is no occasion in the world to even smile when you see a man chase his hat up the street. But you do. The sense of humor doesn't work by rules of logic.

So the man who is involuntarily bald-headed is considered just as fair game by the jokers as the human angoras who are responsible for letting their hair grow long. He oughtn't to be so no doubt. But facts are facts.

People have been making sport of the baldheads from the time of Ellsna. There seems to be nothing for the bald-headed correspondent to do except to make the best of it unless he has a couple of shears handy to sick on his defamers, as Ellsna did in the case of the children who mocked him as he was going to Beth-el. That is the only time on record when a baldhead ever got even.

Work is progressing rapidly on the new municipal car lines. It looks like there will be some accommodation given the district of the fair grounds by the close of the year in spite of the action or non-action of the United Rail Roads. As the transportation problem is a serious one the rush work will be appreciated by all, not only on account of the fair, but because of the accommodation it will afford.

It is estimated that the present population of the United States and its dependencies amount to 109,000,000 people. That is certainly a great number and emphasizes the fact that modern civilization has increased longevity. For the standard of living has been raised and the great majority of these millions are independent citizens unlike the emasculated hordes that people the valley of the Yang-tse-kiang and the Ganges.

The barbaric nations of the past have sometimes included great numbers, the human race was fecund and the birth rate per capita was much higher. But wars and plagues decimated the millions and what was gained in years of prosperity was lost in the night which followed. Modern science and civilized conditions is rendering the lot of the average man better and distributing the products in a more equitable manner.

The Building Of San Francisco

Reprinted from the Campanile.

The story now can be told of how San Francisco was founded. It is an eye-witness who speaks. From the time-stained pages of an old Spanish manuscript deciphered by Professor Frederick Teggart, the University of California has printed Father Pedro Font's own diary. It tells how Font came in 1776 from Sonora, as Chaplain with the Anza Expedition, across more than a thousand miles of desert and mountain, and of how the cross was raised on a white cliff high above the Golden Gate.

"A little after eleven," says Father Font, in the entry in his diary for March 27, 1776, "we halted beside a pond or spring of fine water near the mouth of the port of San Francisco, having traveled some six leagues.

"The port of San Francisco is a wonder of nature, and may be called the port of ports, on account of its great capacity and the various bights included in its littoral or shore and in its islands. Closed in, and surrounded by mountains, it is as quiet as in a cup.

"The commander decided to erect the holy cross on the extremity of the white cliff at the inner point of the entrance to the port. At eight o'clock in the morning we ascended a small low hill, and then entered a table land, entirely clear, of considerable extent, and flat, with a slight slope towards the port; it must be about half a league in width and a little more in length, and keeps narrowing until it ends in the white cliff. This table land commands a most wonderful view, as from it a great part of the port is visible, with its islands, the entrance, and the ocean, as far as the eye can reach—even farther than the Farallones.

"The commander marked this table land as the site of the new settlement, and the fort which is to be established at this port, for from its being on a height, it is so commanding that the entrance of the mouth of the port can be defended by musket fire, and at a distance of a musket shot there is water for the people, that is, the spring or pond where we halted."

All that day the commander and his lieutenant roamed over "the low hills leading toward the inner part of the port," and at evening they returned, "very much pleased, as they had found more than they had hoped for—much brush and firewood, plenty of water in various springs or ponds, much tillable ground, and also plenty of pasture everywhere, so that the new settlement can obtain much wood, water, grass or pasture for their horses, all close at hand—there is lacking only timber for large edifices, although for huts and barracks, and for the stockade of the presidio, there is sufficient material in the woods."

The Indians they encountered were "gentle, good-natured, and very poor, and as they presented themselves unarmed they gave no sign of being warlike or ill-intentioned. Those who live near the port are pretty well bearded."

Thus San Francisco was having its rude pioneer beginnings, in the same year when Boston witnessed the signing of the Declaration of Independence. But in Sonora, where Don Juan Bautista de Anza organized his expedition, there had been missions for a century and a half already, and towns that antedated by many years the first settlements in Massachusetts Bay.

The first day's journey of the Anza Expedition was a scant three miles, out from the Presidio of San Miguel de Horcasitas, in Sonora, Mexico. Most of the day had been taken up with singing a mass to the most Blessed Virgin of Guadalupe and getting the pack-train ready. That September day of 1775 was the starting of a three-months' march over a stretch of wild country as vast as from San Francisco to Denver or El Paso, or from Washington to New Orleans.

The last Christian settlement was passed near the Mission of San Xavier del Bac, in Southern Arizona. But the Indian "nations" through which they passed were kindly and hospitable—once the country of the fierce Apaches was left behind. The "governors and alcaldes" of the Papago villages came bearing Apache scalps and asking baptism. Elated at the arrival of the arrival of the Spaniards, they welcomed the white men and proudly exhibited the "Casa Grande de Montezuma." "This palace," says Father Font, "may have been built some 500 years ago. It seems that this place was founded by the Mexicans when, during their migration, the devil led them through various countries until they arrived at the promised land of Mexico."

Timbers brought from the mountains seventy-five miles distant, a very large conduit to carry water from the river, and round apertures in the walls through which "the prince" had "saluted the rising and setting sun"—these were part of Font's observations. At Yuma the Spaniards left two priests to minister to the 3,000 Indians, and then, after much trafficking of beads and tobacco for watermelons, pumpkins, and other provisions, the expedition started across what is now Imperial County. Once, their cattle stampeded to return to the last water holes, again they were snowed on, and on Christmas day they stopped their march for one day, "for the reason that on this holy night of the Nativity the wife of a soldier happily gave birth to a son and because the day was raw and foggy." A day later, when they had halted near the rocks of San Carlos Pass, almost at the summit of the Sierra Madre, they were shaken by an earthquake, "accompanied by an instantaneous and loud noise."

Soon they reached the Mission of San Gabriel, "in a most beautiful and ample place, with plenty of water and very good soil." News had come of a rising of the mission Indians at San Diego. They had burned and plundered, and murdered the minister,

Father Luis Jaume. Commander Anza, Chaplain Font, and twenty soldiers set off posthaste to bring aid. The blushing of an old woman gave evidence as to the guilty. Thirteen prisoners were taken, and the recalcitrants fled to the mountains.

Six soldiers were despatched on the return journey to Sonora, bearing letters. Scarcely had Anza and Font returned to San Gabriel when a soldier from Monterey deserted, and accompanied by four servants and muleteers, with thirty animals and much loot, fled away across the mountains into the desert, only to be brought back prisoner.

From San Gabriel the 200 members of the *Senor Comandante's* expedition proceeded northward up the coast, across the Santa Clara valley, by the village of Carpinteria, past the Mission of San Luis Obispo, "in a beautiful spot on a little rise beside a stream, near the Sierra de Santa Lucia, with very fertile lands. The Indians of this nation are much better looking and seemly than those of any other nation I have seen."

At Monterey they were welcomed by Junipero Serra, Father President of the missions, and at Carmel mission the seven resident Padres sang a Te Deum, with peals of bells and great rejoicing. "The site is splendid, and the land very fertile," says Father Font.

March 23 they set out once more from Monterey, traveling by the Valle de Santa Delina, the Monterey River, the Arroyo de las Llagas, the Arroyo de San Benito, the Pajaro River, the Valle de San Bernardino, the Arroyo de San Joseph Curpetino, the Arroyo de San Mateo, the Arroyo de San Francisco, and on the fifth day, March 27, 1776, halted by the Golden Gate.

After spending only a single day at the new town-site, Commander Anza and his immediate party left the settlers to begin the creation of the future city of San Francisco, and set out to explore the neighboring region. They killed "a huge bear" in the Arroyo de San Mateo. Then they circled about the lower end of the bay, and followed its shore past villages whose Indians were fishing for salmon with nets, off tule rafts. The deer tracks were as numerous as if an immense herd of cattle were about. At last they could look out across "an immense treeless plain," to "a great snow-covered mountain range." They concluded that the river was not a river, but a great "fresh-water gulf," and imagined it to extend as far south as San Luis Obispo. Despairing of getting across the tule-swamps, they turned southwest through the coast-range, and made their way back to Monterey, and on to San Gabriel, and across the desert to the Colorado River. Father Garces, whom they had left five months before, was not to be found. His companion, Father Tomas, had had no news of him "since he went up the river to the Jalchedunes," with

the thought of penetrating into the interior and discovering a way of getting into New Mexico.

"I infer," says Father Font, "either that Father Garces has found a way and means for getting to New Mexico as he desired, or that he has had some great reverse in his apostolic visitations; indeed, as he was ailing, he may have died, or the Indians may have killed him."

But Font himself suffered no such reverse. Eleven of the party crossed the hundred-yard wide Colorado River, turbulent and swollen from melting snows, on a single raft. It began to sink, but forty Indians plunged in, and surrounding the raft, took the party across with no harm but a wetting. They bade farewell to the Yumas, "with much tenderness on account of their fidelity and affection," and passing unharmed through the dangerous country of the unfriendly Apaches and the "even worse" Seris and Pimas, came safely back to Sonora, two months after starting from San Francisco. And there in Mexico, at the Mission of Ures, Father Font "wrote out this diary," the original of which the University of California possesses, through the gift of the Robert E. Cowan collection by Collis P. Huntington. The diary has now been edited by Frederick J. Teggart, Associate Professor of Pacific Coast History in the University of California and Curator of the Academy of Pacific Coast History. Its publication, in English and in Spanish, is a part of the great work that is being done at the University of California, through the famous Bancroft Library and the Academy of Pacific Coast History, of giving to the world authentic memorials of the exploration, the settlement, and the development of California.

ABOUT NOTED PUBLIC BUILDINGS.

The capacity of some of the public buildings in the world is as follows:

Coliseum, Rome, 87,000; St. Peter's, Rome, 54,000; Theatre of Pompey, Rome, 40,000; Cathedral, Milan, 37,000; St. Paul's, London, 31,000; St. Petronia, Bologna, 26,000; Cathedral Florence, 24,300; Cathedral, Antwerp, 21,000; St. John Lateran, Rome, 23,000; St. Sophia's, Constantinople, 23,000; Notre Dame, Paris, 21,500; Theatre of Marcellus, Rome, 20,000; Cathedral, Pisa, 13,000; St. Stephen's, Vienna, 12,400; St. Dominic's, Bologna, 12,000; St. Peter's, Bologna, 11,400; Cathedral, Vienna, 11,000; Madison Square garden, New York, 8,443; Mormon temple, Salt Lake City, 8,000; St. Mark's, Venice, 7,500; Spurgeon's tabernacle, London, 6,000; Bolshoi Theatre, St. Petersburg, 5,000; La Scala, Milan, 3,800.

INTERESTING FACTS.

The United States sold to other countries about two billion gallons of petroleum last year.

Electrical apparatus to trace the course of buried water pipes by sound has been invented by a St. Louis man.

A Pennsylvania inventor claims to have greatly increased the strength and durability of rubber without impairing it in any way by adding vanadium as it is being manufactured.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

BERKELEY, ALAMEDA CO., CAL.—Apartment house, 2 story and base, frame. Cost not stated. Architect, none. Owner, D. E. Bigelow, 2333 Channing Way, Berkeley. The building has been designed to contain 24 rooms, which will be arranged in two and three room suites, and will be erected on the north side of Channing Way west of Dana. Interior finish will be of pine and redwood with some oak floors. There will be a central heating system and wall beds. All apartments will have private bath rooms. A hot water system will also be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

PORTLAND, ORE.—Apartment house, 4 story and base, brick and steel, \$100,000. Architects, Claussen & Claussen, Macleay Bldg., Portland. Owner, Mrs. C. Brown. The building will be erected at the south west corner of 14th and Yamhill streets, and will cover an area of 100 feet square. There will be a total of 66 apartments of two and three rooms. Interiors will be finished in pine and some hardwood veneer. There will be steam heat, elevator service, dumb waiters, a vacuum cleaning system and hot water supply. All apartments will have wall beds and private bath rooms. Hardwood floors will be used in the living rooms. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SEATTLE, WASH.—Apartment house, 3 story and base, brick and steel, \$60,000. Architect, David Dow, 21st and Spruce streets; Seattle. Owner, H. R. Richmond. The building will be erected on 7th avenue near Pine street covering an area of 60 by 120 feet. The building will contain a total of 125 rooms, which will be arranged in 15 three room suites and 10 two rooms. Interior finish will be largely of pine with some hardwood veneer and oak floors. There will be steam heat, elevator and dumb waiters, a hot water supply and vacuum cleaning. All suites will have wall beds and private bath rooms. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Apartment house, 3 story and base, frame. Cost not stated. Architect, A. Burnside Sturges, Story Bldg., L. A. Owner, E. Rubin. The building will be erected on Bonnie Brae street near 20th and will contain 32 rooms arranged in two and three room suites with wall beds and private baths. Interior finish will be of pine throughout. Some hardwood floors will be used. There will be gas

heaters and automatic water heaters. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with veneer pressed brick and resawed rustic. Plans are being prepared and when complete the work will probably be done by Day Labor.

Contracts Awarded.

CAL.—Apartment house, 1 and 2 story and base, frame. Cost not stated. Architect, J. B. Nicholson, Wright & Callender Bldg., L. A. Owner, S. R. Adams. Contractor, Fred W. Siegel, Stimson Bldg., L. A. Contract price not stated.

BANKS.

STOCKTON, SAN JOAQUIN CO., CAL.

—Bank alteration, 2 story, brick, \$10,000. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, First National Bank of Stockton. The present banking quarters will be rearranged and new interior finish and banking fixtures will be installed. Included in the work will be new plastering, plain and ornamental, electric work, painting, plumbing and ornamental iron and bronze work. Vaults will also be rearranged. plans are now being prepared.

Contracts Awarded.

BAKERSFIELD, KERN CO., CAL.—Bank alterations, brick construction, \$12,000. Architect, none. Owners, First National and Producers' Bank of Bakersfield. Contractors, Lindgren Co., Monadnock Bldg., S. F. Contract price, \$12,000.

ANAHEIM, ORANGE CO., CAL.—Bank alterations and addition, 2 story, brick, \$12,490. Architects, Austin & Pennell, Wright and Callender Bldg., L. A. Owners, German-American Savings Bank of Anaheim. Contractors, Frank Graves & Son, Builders' Exchange, L. A. Contract price, \$12,490, not including painting.

BRIDGES AND DAMS.

SAN FRANCISCO.—Pier construction cement and timber. Cost not stated. Engineer, Assistant State Engineer Jerome Newman, Ferry Bldg., S. F. Owners, State of California. Plans have been approved by the State Board of Control for Pier No. 15 to be erected on the San Francisco waterfront. Portland cement, plain and cross-sawn piles will be used. Cement and piles will be furnished the contractor by the state. Bids are now being taken and will be opened by the State Board of Harbor Commissioners on May 7th. Plans and specifications can be secured from the Assistant State Engineer at the Ferry Bldg. An official proposal appears in another column of this issue.

SACRAMENTO, CAL.—Wharf shed, 2 story, reinforced concrete. Cost not stated. Engineer, City Engineer A. Givan, Sacramento. Owners, City of Sacramento. Plans have been submitted to the City Commissioners for a wharf shed which is to be erected at the foot of P street. Construction will be fireproof. Exterior will be faced

with cement plaster. Plans are complete and waiting approval of the Commission. Further mention will be made of the work.

ASTORIA, ORE.—Docks and dredging. Cost not stated. Engineer, F. J. Walsh, Port of Astoria Commission, Astoria. Owners, City of Astoria. Plans have been completed and figures are now being taken on the foundation work for the new docks and wharves which are to be erected at Astoria. In the neighborhood of 7,000 piles of from 50 to 75 feet will be required as well as about 1,000,000 cubic yards of dredging. The docks will be erected in units of which several are planned. Two docks will be built at this time each of which will be 90 feet wide and 1,000 feet long. About 3,000 feet of bulkheading will also be required. Plans are now out for figures and can be secured by addressing the engineer.

KELLOGG, ORE.—Bridge, steel and concrete. Cost not stated. Engineer, Horace C. Hall, Grants Pass, Ore. Owners, Douglas County. The bridge will consist of two main spans each 200 feet long and a third span of 125 feet. Approaches will be of concrete. The bridge will have a sixteen-foot roadway. Plans are complete and bids will close May 12th. Plans and specifications can be secured from the engineer.

RICHMOND, CONTRA COSTA CO., CAL.—Harbor improvement. Cost not stated. Engineer's name not given. Owners, Ellis Landing Co. Bids will be called for at once for harbor work in connection with the Ellis Landing project at Richmond. The location is at the foot of Tenth street, and the work will require a large amount of 12-inch piling driven 10 and 12 feet apart. Twenty-four-foot piles will be used. A rock bulkhead and a large amount of back filling will also be required.

ORLAND, GLENN CO., CAL.—Earth dam and levees. Cost not stated. Engineer, U. S. Reclamation Service, Orland. Owners, Orland Reclamation District. M. Fisher, S. F., submitted the lowest figure for this work at \$46,386 and will probably be awarded the contract. Other figures submitted were as follows: Phil Schuyler, Oakland, \$47,818; Moffitt & Need, San Francisco \$49,147; Grant Pree, San Francisco, \$54,266; Mesmer & Rice, Los Angeles, \$67,382; F. F. Prendergast, Los Angeles, \$68,992; Blake Bros., Oakland, \$71,968.

Contracts Awarded.

SACRAMENTO, CAL.—Dam and bulkhead. Cost not stated. Engineer's name not given. Owners, Reclamation District No. 1500. Contractors, Hyde-Harjes Co., S. F. Contract price, \$22,275. Other bids for this work were: Healy-Thibbitts Co., \$23,341; Nervy-Elwell Co., \$22,866; W. N. Concanon, \$24,866; San Francisco Bridge Co., \$22,599; Thompson Bridge Co., \$30,430; Portland Concrete Pile Co., \$28,472.99.

CHURCHES.

HOLY CROSS CEMETERY, SAN MATEO CO., CAL.—Mausoleum, 1 story, reinforced concrete. Cost not stated. Architect, L. Mastropasqua, 580 Washington street, S. F. Owner, Angelo Ferroglia. The structure has been designed in the classic style and will be faced with marble. Interior will be finished in Caen stone and provides or

six receptacles. There will be art glass, bronze doors and grilles. Plans are complete and figures are being taken.

ROSE CITY PARK, ORE.—Church, 2 story and base, brick and frame. Cost not stated. Architect, L. R. Bailey, Abington Bldg., Portland. Owners, Methodist Church of Rose City Park. The building will contain a large auditorium and Sunday school rooms. Only the first unit will be erected at the present time, costing in the neighborhood of \$10,000. Interior finish will be of pine throughout. A steam heating system will be installed. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

Contracts Awarded.

SANTA CRUZ, SANTA CRUZ CO., CAL.—Church, 1 story and base, frame and plaster, \$20,000. Architect, W. J. Wythe, Central Bank Bldg., Oakland. Owners, First Methodist Church of Santa Cruz. Contractors, Johnston Co., 1776 12th avenue, S. F. Contract price, \$19,255. Note: This contract does not include the art glass, pews or heating. Figures are now being taken for this work.

COURT HOUSES

SAN FRANCISCO—City Hall, 4 story and base. Class A construction, \$4,500,000. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Bids were opened at the Wednesday meeting of the Board of Public Works for the marble work at the new City Hall. Five sets of figures were submitted. In all seven propositions were considered. A complete list of the bids as opened will be found under the heading of San Francisco in this issue.

ALTURA, MODOC CO., CAL.—Court house, dome and basement, reinforced concrete, \$90,000. Architect, De Longchamps, Reno, Nev. Owners, Modoc County. The building has been mentioned here a number of times before when plans were first out for figures. Bids recently opened were in excess of the amount available for construction and plans are now being revised. New figures will be called for at the May meeting of the Board of Supervisors. Further mention will be made of the work at that time.

SEATTLE, WASH.—Court house group, 3 and 5 story and base. Class A construction, \$950,000. Architect, A. Warren Gould, American Bank Bldg., Seattle. Owners, City of Seattle. The building will be erected on the property bounded by Third avenue, James, Jefferson and Fourth avenue. The Third avenue frontage will be five stories high and the Fourth avenue but three stories. Construction will be fireproof with a complete steel frame, reinforced concrete floors and roof. Interior partitions will be of hollow tile. Exterior will be faced with tile and terra cotta. Hardwood and metal trim will be used. There will be steam heat, vacuum cleaning, elevator service and fireproof vaults. Plans have been revised and new figures will be called for within a very short time.

Factories & Warehouses.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Warehouse, 3 story and

base, reinforced concrete. Cost not stated. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owner, Homer N. Duffey, Santa Barbara. The building will be erected at the corner of Mason and Helena streets, covering an area of 67½ feet by 140 feet, and will be of the extra heavy type designed for a six-story structure. Construction will be fireproof with reinforced concrete walls, floors and roof slabs. Interior will be finished in pine. Plans provide for steel rolling doors, metal window sash and frames and elevator service. Exterior will be faced with cement plaster. Work will be started at once under the Day Labor system.

LOS ANGELES, CAL.—Warehouse, 3 story and base, brick and concrete. Cost not stated. Architects, William Curlett & Son, Title Insurance Bldg., L. A. Owners, Rudger-Merle Co. The building will be erected at the corner of Alameda and Palmetto streets, and will contain an area of 100 by 272 feet. Interior will be finished in pine. There will be metal window sash and frames. Plans provide for elevator service, spiral chutes and other warehouse conveniences. Construction has been held up for some time pending the settlement of a spur track facilities. Exterior of the building will be faced with pressed brick. Working drawings are complete and bids will be called for at once.

LOS ANGELES, CAL.—Warehouse, 4 story and base, brick and steel. Cost not stated. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Mrs. H. S. Van Nuys. The building will be erected on property at the corner of Los Angeles, Pico and San Pedro streets, covering an area of 70 by 150 feet. Construction will be of the extra heavy type. Interior finish will be of pine throughout. Plans provide for two elevators, metal window sash and frames and fireproof doors. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

MARTINEZ, CONTRA COSTA CO., CAL.—Oil storage tanks. Cost not stated. Engineer's name not given. Owners, American Gasoline Co. Contractors, Healy-Thibbitts Construction Co., S. F. Contract price not given. Note: This contract includes the construction of ten steel tanks each of 50,000 barrels capacity.

SEATTLE, WASH.—Factory, 4 story and base, reinforced concrete, \$90,000. Architect, none. Owners, City of Seattle. Contractors, Harrington-Peters Co., Oriental Bldg., Seattle. Contract price, \$190,000.

FLATS.

SAN FRANCISCO—Flats, 3 story and base, frame, \$5,500. Architect, C. Pantoni, 916 Kearny street, S. F. Owner, Phillip Teresi. The building will be erected on Mission street near Persia and will contain two modern flats and a store. Each flat will have five rooms and bath. Interiors will be finished in pine and redwood. There will be open fire places and tile mantels in the living rooms. Bath rooms will have composition floors. Automatic water heaters are specified. Exterior of the building will be covered with shiplap. Plans

are complete and figures are now being taken.

SAN FRANCISCO—Flat addition, 1 story, frame, \$2,500. Architect, C. C. Fantoni, 916 Kearny street, S. F. Owner, F. Di Gaglia. The building will be erected on Greenwich near Stockton street and will contain five rooms and bath. The present building, a two-story structure, will also be altered and new plumbing, electric work and plastering will be installed. Open fire place and tile mantel will be used. Exterior will be covered with rustic and shiplap. Plans are now being prepared.

SAN FRANCISCO—Flats, 2, 3 story and base, frame, \$4,000 and \$6,000. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner's name withheld. These two buildings will be erected on Greenwich street near Powell and each has been designed to contain three flats. Interiors will be finished in pine, redwood and hardwood veneer. Oak floors will be used in the living rooms. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Entrances will be finished in tile with terrazzo steps. Exteriors will be covered with shiplap and cement plaster on metal lath. Plans are complete and figures are now being taken for the work.

GARAGES.

SAN FRANCISCO—Garage, 1 story, brick, \$7,500. Architect, none. Owner, S. J. Sterner, 125 4th avenue. The building will be erected on the north side of Green street east of Octavia, covering an area of 54 by 137 feet. A cement floor will be used and steel roof trusses. There will be a large gasoline storage tank. Interior finish will be of pine. Besides the storage space a machine shop will be included in the building. Exterior will be faced with stock brick or cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Garage, 2 story and base, brick, \$10,000. Architect, Frederick Soderberg. Union Bank Bldg., Oakland. Owner, W. M. Greuner. The building will be erected at the corner of Brook and Broadway and will be used as a commercial garage. The building will cover an area of 59 by 100 feet. There will be a cement floor, steel roof trusses and metal window sash and frames. Interior finish will be of pine throughout. Special gasoline storage tanks are specified. Exterior will be faced with cement plaster. Plans are complete and figures are being taken. All parts of the work will be segregated.

LOS ANGELES, CAL.—Garage, 2 story and base, brick and steel. Cost not stated. Architects, Dennis & Hewitt, Fay Bldg., L. A. Owner, W. Collins. The building will be erected at the corner of Third and Hope streets and will cover an area of 100 by 120 feet. Construction will be practically fireproof. There will be concrete floors and metal lath and plaster interior partitions. Besides the garage there will be nine stores on the first floor. Upper floor will be used for storage space in connection with the garage. Metal window sash and frames, patent store fronts and metal

covered doors are specified. Exterior of the building will be faced with pressed brick. Plans are being prepared.

GOVERNMENT WORK AND SUPPLIES.

Air Brake Switches.

The following bids were received April 10 by the U. S. Reclamation Service, Los Angeles, Cal., for furnishing three 100-ampere air brake switches, complete:

Pacific Electric Mfg. Co., San Francisco, Cal., \$64; San Francisco, 10 days.
The Bowie Switch Co., San Francisco, Cal., \$102; San Francisco, 14 days.
Railway & Industrial Engineering Co., Pittsburgh, Pa., \$130.50; Pittsburgh, 3 days.

Puget Sound, Wash., Dredging.

The following bid was received at the bureau of yards and docks, Navy Department, Washington, D. C., April 18 for dredging at the U. S. navy yard, Puget Sound:

The Erickson Construction Co., 25 Downs Building, Seattle, Wash., \$1,160.

Pumps, North Platte Project.

Abstract of proposals for 1 water turbine-driven centrifugal pump, advertisement 284, North Platte project. Reclamation Service, received on April 8 at Los Angeles, Cal.:

United Iron Works, Oakland, Cal., \$725; time 60 days; delivery Oakland, Cal.

Byron Jackson Iron Works, Los Angeles, Cal., \$1,167; time 63 days; delivery West Berkeley, Cal.

Krogh Mfg. Co., San Francisco, Cal., \$1,300; time 60 days; delivery San Francisco, Cal.

Henry B. Worthington, Los Angeles, Cal., \$1,357; time 50 days; delivery Harrisburg, Pa.

C. F. Braun & Co., San Francisco, Cal., \$1,574; time 63 days; delivery Harrisburg, Pa.

Reclamation Work.

The U. S. Reclamation Service is asking for proposals for earthwork and structures on the second unit of Vandalia south canal on the Milk River irrigation project, Mont. The work includes about 145,000 cubic yards of excavation, 300 cubic yards of reinforced concrete, the placing of 18,000 pounds of steel reinforcement, and the placing in wooden structures of 135,000 feet, B. M., of lumber, and it is situated on the south side of Milk River in the vicinity of Glasgow and Nashua, Mont. Bids will be opened after 2 o'clock p. m., May 20, 1914, at the office of the Reclamation Service at Malta, Mont.

MARE ISLAND NAVY YARD, SO-LANO CO., CAL.—Heating system. Cost not stated. Engineer, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Bids will be opened on May 23rd for furnishing and installing a new heating system and oil burning equipment at Mare Island. Included in the work will be 1 70-H. P. and 1 30-H. P. boiler fuel oil set, pumps, heater and steel flue. Plans can be secured from the Commandant of the Yard at Mare Island.

FORT WORDEN, WASH.—Officers' quarters, 2 story and base, brick, \$60,000. Architect, Chief Constructing

Quartermaster Office, Washington, D. C. Owners, United States Government. Plans have been completed and forwarded to Fort Worden for the new officers' quarters. The main building will be 32 by 84 feet with a wing 58 by 85 feet. Each apartment will contain six rooms. Interior finish will be of pine. There will be hardwood floors and open fire places. Plans provide for steam heat and a hot water supply. Bath rooms will have tile floors and wainscot. Exterior of the building will be faced with pressed brick. Bids are now being taken and will be opened in Washington, D. C., on May 20th.

-HALLS & SOCIETY BLDGS.-

SAN MATEO, SAN MATEO CO., CAL.—Lodge hall, 2 story and base, brick and stucco, \$50,000. Architect, Will D. Shea, 244 Kearny street, S. F. Owners, San Mateo Knights of Columbus Hall Association. The building will cover a considerable ground area and will be devoted entirely to the use of the organization. Interior has been arranged for a large auditorium, gymnasium, handball court, swimming pool, bowling alley and club rooms. Interior finish will be of pine and hardwoods with maple floor in the ball room. There will be steam heat and open fire places. Mantels will be of tile. Exterior of the building will be faced with cement plaster. The architect's plans have just been selected in competition with a number of other local architects.

LIVERMORE, ALAMEDA CO., CAL.—Lodge hall, 2 story and base, concrete and frame, \$15,000. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, Livermore Foresters' Hall Association. The building will have reinforced concrete walls and frame interior construction. There will be several lodge rooms, ball room and auditorium, besides the offices of the organization. Interior finish will be of pine with a maple floor in the ball room. Plans provide for a central heating system. Exterior will be finished with cement plaster. Plans are complete and figures are now being taken.

SILVERTON, ORE.—Lodge hall, 4 story and base, brick, \$20,000. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland, Owners, Masonic Hall Association of Silverton. The building will cover an area of 82 by 62 feet, and has been designed for four stories on the first floor and 18 offices on the second floor. Upper two floors will be arranged for the lodge rooms, ball room and auditorium. Interior finish will be of pine with a hardwood floor in the ball room. There will be steam heat and elevator service. Patent store fronts are specified. Exterior will be faced with pressed brick trimmed with terra cotta. Plans are now being prepared and bids will be called for within three weeks or a month.

DELANO, KERN CO., CAL.—Lodge hall, 2 story and base, brick, \$20,000. Architects, Swartz, Hothkin & Swartz, Rowell Bldg., Fresno. Owners, Delano Masonic Temple Association. The building will be erected on a corner lot, covering an area of 60 by 100 feet. There will be stores on the first floor and large lodge rooms and office on the upper floor. Interior finish will

be of pine throughout. Plans provide for a central heating system. Patent store fronts are specified. Modern plumbing and electric work will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

HOSPITALS

AGNEW, SANTA CLARA CO., CAL.—Workers' Cottage and Nurses' Home, brick and concrete. Cost not stated. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids were opened on the 27th and 28th for these two buildings. Robinson & Place of Oakland were low on both buildings. The price for the Workers' Cottage was \$36,750 and for the Nurses' Home \$32,750. A complete list of these figures will be found under the heading of San Jose and the Santa Clara Valley.

PORTERVILLE, TULARE CO., CAL.—Hospital addition, 3 story and base, brick. Cost not stated. Architect, F. W. Griffin, Porterville. Owners, Mt. Whitney Hospital. The addition will be erected adjoining the present building at the corner of Main and Harrison streets, and will cover a considerable ground area. There will be wards and private rooms. Interior finish will be of pine and white enamel. Considerable tile will be used. The new portion of the building will contain the heating plant, steam with oil burning equipment, for both buildings. Modern hospital plumbing and electric work will be installed. Exterior will be faced with pressed brick. Plans are complete and figures will be called for at once.

MARTINEZ, CONTRA COSTA CO., CAL.—Hospital addition, 1 and 2 story brick, \$30,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Contra Costa County. This work has been mentioned here before when plans were first prepared. The addition will contain two wards and operating room. Interior finish will be of pine and white enamel. There will be steam heat, oil burning system and vacuum cleaning. Modern hospital plumbing will be installed. Considerable tile work is specified. Exterior of the building will be faced with either pressed brick or cement plaster. Plans are complete and figures are being taken. Plans can be secured from the architect. Bids will be opened on May 15th.

HOTELS.

SAN FRANCISCO—Hotel, 15 story and base, Class A construction. Cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Fred C. Finkle. This building will be erected at the northwest corner of Pine and Stockton streets, covering an area of 40 by 60 feet. Construction will be of the Class A type throughout with a complete steel frame, reinforced exterior walls, floors and roof slabs. It was originally intended to carry the structure to a height of 23 stories. Interior partitions will be of metal lath and plaster. Interior finish will be of pine and hardwood with some metal trim. All guest rooms will have private baths. Plans provide for steam heat, elevator service, a hot water supply and vac-

uum cleaning. Bath rooms will have tile wainscot and composition floors. Exterior will be faced with cement plaster. Plans for the reinforced concrete work are now complete and figures are being taken.

SAN FRANCISCO—Hotel, 5 or 6 story and base, Class A construction. Cost not stated. Architect, Alfred Schroepfer, Foxcroft Bldg., S. F. Owner, Mr. Davidson, 46 Kearny street, S. F. The building will be erected at the northeast corner of Third and Townsend streets and will cover a large ground area. Construction will be fireproof throughout with a complete steel frame and brick exterior walls, metal lath and plaster interior partitions. Interior finish will be of pine and hardwood. There will be a number of stores on the first floor besides the hotel office and lobby. Upper floors will be arranged for modern hotel rooms, a large percentage of which will have private baths. There will be steam heat, elevator service, a vacuum cleaning plant, hot water supply and patent store fronts. Bath rooms will be finished in tile. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are now being prepared.

STOCKTON, SAN JOAQUIN CO., CAL.—Hotel and stores, 3 story and base, brick and steel, \$45,000. Architect, Harry H. Meyers, Kohlt Bldg., S. F. Owner's name withheld. The building will cover a considerable ground area and will be arranged for stores on the first floor besides the hotel entrance and lobby. Upper floors will contain in the neighborhood of 75 rooms and a number of baths. Interior will be finished in pine and redwood. There will be steam heat and a hot water supply. All bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Patent store fronts will be specified. Plans are now being prepared.

SAN FRANCISCO—Hotel, 3 story and base, brick and steel, \$20,000. Architect, W. J. Cuthbertson, 328 Montgomery street, S. F. Owner, Ellen E. Herrin. The building will be erected on the north side of O'Farrell street west of Larkin, covering an area of approximately 12,000 square feet. There will be fifty guest rooms, nearly all of which will have private baths. Interior finish will be of pine and redwood. Plans provide for steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

BANNING, RIVERSIDE CO., CAL.—Hotel, 3 story and base, reinforced concrete, \$250,000. Architect, J. Martyn Haenke, Story Bldg., L. A. Owners, Gateway Inn Company. This work has been mentioned here before when plans were first started. Working drawings have been completed and grading of the site has been started. The main building will be 200 by 50 feet with two large wings. There will be a total of 150 guest rooms, all of which will have private baths. Plans also provide for a large office, dining rooms, ladies' and gentlemen's parlors and grill. Construction will be fireproof. Interior will be finished in pine and hardwoods.

There will be steam heat, elevator service and a hot water supply. Exterior of the building will be faced with cement plaster. A clay tile roof will be used. Plans will go out for figures shortly.

LOS ANGELES, CAL.—Hotel, 3 story and base, Class C construction. Cost not stated. Architect, Anton Reif, Higgins Bldg., L. A. Owner, Mr. Seller. The building will be erected on San Pedro street near Ninth, covering an area of 42 by 121 feet. There will be two stores on the first floor besides the hotel lobby. Upper floors will contain a total of 50 guest rooms and four baths. Interior finish will be of pine throughout. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO—Hotel, 6 story and base, brick and steel, \$25,000. Architect, Chester H. Miller, Dalziel Bldg., Oakland. Owner's name withheld. The building will be erected on Post street near Larkin, and will have a frontage of 23 feet and a depth of 78 feet. There will be a store besides the hotel lobby on the first floor. Upper floors will contain in the neighborhood of 75 rooms, all of which will have private baths. Interior finish will be of pine and elm. Plans provide for steam heat, elevator service and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. A complete steel frame will be used. Plans are complete and figures are being taken.

Contracts Awarded.

PORTLAND, ORE.—Hotel, 3 story and base, brick, \$20,000. Architect, C. Spies, Kenton, Ore. Owner, Mr. McNary. Contractor, C. Spies, Kenton, Ore. Contract price, \$20,000.

BAKERSFIELD, KERN CO., CAL.—Hotel, 2 story and base, brick, \$13,000. Architect, L. K. Conradjian, Fresno. Owner, C. Petrin. Contractor, L. K. Conradjian, Fresno. Contract price, \$13,000.

NILAND, IMPERIAL CO., CAL.—Hotel, 2 story and base, brick and steel, \$60,000. Architect, Frank L. Stiff, Grosse Bldg., L. A. Owners, California Land and Water Co. Contractor, J. R. Rochelt, El Centro. Contract price, \$60,000.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Warehouse extensions, frame construction. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition. Plans for the extensions to be made to warehouses Nos. 2 and 3 have been completed and are now out for figures. Bids will be opened on May 7th by the Buildings and Grounds Committee. An official proposal appears in another column of this issue. Plans can be secured from the Director of Works, Service Bldg.,

SAN FRANCISCO—State Exhibit building, 2 story and base, frame and plaster. Cost not stated. Architects, R. A. Messmer Bro., Majestic Bldg., Milwaukee, Wis. Owners, State of Wisconsin, represented by the Wisconsin

sin Panama-Pacific Commission. 709 Germania Bldg., Milwaukee, Wis. Plans for this building have been completed and bids are now being taken. No plans have been forwarded to this city as yet, but may be obtained from either the architects or from the Wisconsin Panama-Pacific Commission in Milwaukee. Bids will be opened on May 16th. An official notice to contractors appears in another column of this issue.

POST OFFICES.

BRIGHAM CITY, UTAH—Post office, 2 story and base, stone and brick. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans for the new Federal Building to be erected in Brigham City have been completed and forwarded to the coast for figures. The structure will be of fireproof type to the second floor line, and will cover a ground area of approximately 3,700 square feet. Interior will be finished in pine and hardwood. There will be steam heat and special cabinet work. Bids are now being taken and will be opened on June 1st. Plans and specifications can be secured from the Supervising Architect at Washington, D. C., or from the custodian of the site at Brigham City, Utah. An official proposal appears in another column of this issue.

CHICO, BUTTE CO., CAL.—Post office, 1 and 2 story and base, stone and brick. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans for this building have been completed and forwarded to the coast for figures. The main portion of the building will be two stories high with a one-story wing in the rear. Construction will be of the non-fireproof type except the first floor. Plans provide for steam heat and special cabinet work. The building will cover an area of approximately 6,000 square feet. Exterior will be faced with cut stone and pressed brick. Plans can be secured from either the Supervising Architect at Washington, D. C., or from the Custodian of the site at Chico. Bids will be opened on June 9th. An official proposal appears in another column of this issue.

RAILROAD CONST., STATIONS AND EQUIPMENT.

FOLSOM, SACRAMENTO CO., CAL.—Railroad station, 2 story, frame, \$10,000. Architect, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Work has been started by the Southern Pacific Co. on the construction of a new passenger depot at Folsom. The building will be a two-story frame structure containing the two usual waiting rooms and agent's office on the first floor. The second floor will contain living rooms for the agent, consisting of a five-room flat. Exterior will be covered with cement plaster. About \$9,000 will be spent in constructing the building.

SAN DIEGO, SAN DIEGO CO., CAL.—Railroad station, 1 and 2 story, reinforced concrete, \$200,000. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Santa Fe Railroad Co.

The building has been designed in the Mission style and will be of fireproof construction with reinforced concrete walls and floors. Interior partitions will be of metal lath and plaster. The building will be 200 feet long and about 75 feet wide. There will be two waiting rooms, offices of the company, ticket and agent's office, baggage rooms and express office. Interior will be finished in pine with tile floors and marble wainscot. There will be a central heating system. Exterior of the building will be faced with cement plaster. A clay tile roof will be used. Plans are complete and figures are now being taken.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$6,000. Architect, none. Owner, C. A. Warren, Merchants' National Bank Bldg., S. F. The house will be designed for a seven-room house and will be erected on 43rd avenue. Interior finish will be of pine and hardwood veneer with some oak doors. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. The work will probably be done by Day Labor.

SAN FRANCISCO—Residence, 1½ story and base, frame, \$5,000. Architect, C. H. Barrett, 38½ Bush street, S. F. Owner's name withheld. The dwelling will be erected in the Richmond District and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$2,500 each. Architect, none. Owner, P. Nelson, 30 Presidio Terrace, S. F. These two houses will be erected on the west side of 15th avenue near Fulton, and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places in the living rooms. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exteriors of the houses will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner, who will do the work by Day Labor. All materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, Leonard H. Ford, 2126 Center street, Berkeley. Owner, Caroline Wolbold. The house will be erected in Claremont Tract and has been designed to contain seven rooms, bath and sleeping porch. Interior will be finished in pine, redwood and hardwood veneer. Hardwood floors

will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have the wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Charles H. Bebb, Denny Bldg., Seattle. Owner, Mrs. Annie H. Lewis. The house will be erected in Claremont Park on lot 7, block 5, and has been designed to contain eight rooms, two baths and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. Automatic water heaters will be installed. Bath rooms will have tile floors and wainscot and will be equipped with showers. Exterior of the house will be covered with cement plaster on metal lath. Plans have been revised and new figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Fraternity house, 2 story and base, frame. Cost not stated. Architect, W. H. Katsif, Jr., First National Bank Bldg., Berkeley. Owners, Delta Chi Chapter House Association, Inc. The building, designed for a large residence, will be erected on lot 6 and 7 in the Simons property. There will be in the neighborhood of 20 rooms and a number of baths. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have tile floors and wainscot and will be equipped with showers. Automatic water heaters will be installed. Hardwood floors will be used in the principal rooms. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architect, none. Owner, E. B. Spitis, 254 Ashby street, Berkeley. The dwelling will be erected on Indian Park near San Diego street, and has been designed to contain six rooms and bath. Interior finish will be of pine and hardwood with oak floors in the living room, dining room and reception hall. There will be open fire places and tile mantels. Furnace heat is also specified. Bath rooms will have tile wainscot and composition floor. An automatic water heater is specified. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,500. Architect, none. Owner, D. S. Glover, 244½ Webster street, Berkeley. The house has been designed for a ten-room dwelling and will be erected on the north side of Webster street west of Regent. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exte-

rior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN JOSE, SANTA CLARA CO., CAL.—Residence, 1 story and base, frame. Cost not given. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: Edward Delmastro, 620 South 1st street, 1 story, five-room cottage, \$1,800, and J. G. Luchien, 85 St. Mark street, 1 story, five-room cottage, \$1,000. Materials are now being purchased.

STOCKTON, SAN JOAQUIN CO., CAL.—Residences, 1 and 2 story, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Stockton: F. W. Priestly, 202 West Stockton, frame dwelling, \$2,000; Richard Godels, 516 West Park, frame cottage, \$1,600; M. Lamasney, 744 West Flora, frame cottage, \$1,600; Mrs. Sarah E. Gibbs, 1326 South California, frame residence, \$1,750; W. J. Magnuson, 725 South Pilgrim, cottage, \$600; J. B. Wolf, 541-C East Oak, frame cottage, \$1,500; J. Cleinmann, 39 North El Dorado, two frame cottages, \$1,500 each, and Sadie Jewitt, 409 East Weber, frame addition, \$500. Materials for this work are now being purchased.

SACRAMENTO, CAL.—Bungalow, 1 story and base, frame, \$1,500. Architect, none. Owner, Burton H. Bill, 3215 4th avenue, Sacramento. The dwelling has been designed to contain six rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. Materials are now being purchased.

SANTA MONICA, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, A. C. Martin, Higgins Bldg., L. A. Owner, Thomas Higgins. The dwelling will be erected on Second street near Arizona, and has been designed to contain fifteen rooms, three baths and sleeping porch. Interior finish will be of pine and hardwood. Hardwood and inlaid floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Automatic water heaters are specified. Bath rooms will have tile wainscot and composition floors and will be equipped with showers. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$20,000. Architect, Henry Guttersen, Guttersen, 80 Post street, S. F. Owners, Delta Kappa Epsilon Chapter House Association. The building will be erected at the foot of Piedmont avenue and has been designed similar to a large residence. There will be in the neighborhood of twenty rooms and several baths. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have

tile floors and wainscot and will be equipped with showers. Exterior of the house will be covered with cement plaster on metal lath. Only preliminary plans have been prepared and construction will not be started for at least three months.

HOLLYWOOD, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame and hollow tile construction, \$15,000. Architect, Elmer Grey, Wright and Callender Bldg., L. A. Owner, John Luckenbach. The dwelling will cover a large area and will contain twelve rooms, three baths and sleeping porch. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. There will be furnace heat, open fire places and a hot water system. A garage will also be erected on the lot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

SAN DIEGO, SAN DIEGO CO., CAL.—Residence, 2 story and base, frame and hollow tile, \$25,000. Architect, Irving I. Gill, 931 South Figueroa street, L. A. Owner, Ethel H. Williams. The dwelling will contain eleven rooms in the first floor and nine rooms in the second floor. There will be six baths. Interior will be finished in pine, redwood, hardwoods and white enamel. Hardwood floors will be used throughout. There will be steam heat, open fire places and a hot water supply. All bath rooms will have tile wainscot and floors and will be equipped with showers. Exterior of the house will be faced with cement plaster. Plans are being prepared.

SEWERS, STREET WORK AND WATER SYSTEMS.

CALIFORNIA—Highway construction. Cost not stated. Engineers, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Plans have been completed by the State Highway Commission for highway work in the following counties: Tehama, Solano (2 pieces), Marin, Santa Clara, Kern, Humboldt, Colusa, Tulare and Los Angeles. Plans for this work are now out for figures and bids will be opened on May 25th. Plans can be secured from the office of the State Highway Commission, Forum Bldg., Sacramento. An official proposal for the work appears in another column of this issue.

SAN FRANCISCO—Civic Center improvements. Cost not stated. Architects, City Architectural Department, Temporary City Hall, S. F. Owners, City and County of San Francisco. The Board of Works has forwarded to the Supervisors a report from the consulting architects in regard to improving the two blocks in the Civic Center, which have been set aside for a plaza, with a request for \$54,000 for carrying out the plan of the architects for the adornment of this square. The plan is to level the two blocks and create a park. A large part of the estimated expense is for proposed temporary sculpture work and modeling of balustrades, pedestals, fountains, electroliters and other decorative features. The temporary figures and models will be used later as the basis of the permanent work of this character, the purpose now merely being to make the Civic Center attractive for exposition year. The Finance Commit-

tee of the Supervisors is disinclined to expend any large amount at present for temporary purposes, and may limit the outlay to parking and gardening.

SCHOOLS.

SAN FRANCISCO—School, 3 story and base, brick and steel, \$50,000. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, St. Paul's Church, Rev. Father M. D. Connelly, 221 Valley street, S. F. The building will be erected at the northwest corner of Church and 29th streets, covering an area of 99 by 142 feet. Interior will contain, besides the class rooms, a large assembly hall, chapel and gymnasium. There will be steam heat, oil burning furnace, program clocks and hore reels. Interior will be finished in pine with maple flooring. Blackboards and other common school equipment will be used. Exterior of the building will be faced with pressed brick. Plans are complete and bids are now being taken.

DAVIS, YOLO CO., CAL.—School, 2 story and base, brick and steel. Cost not stated. Architects, Cunningham & Folice, First National Bank Bldg., S. F. Owners, Regents of the University of California. Bids opened for the construction of this building, a structure 30 by 152 feet, show J. W. Carr of San Francisco low at \$17,340. A complete list of the figures submitted will be found under the heading of San Francisco in this issue.

STOCKTON, SAN JOAQUIN CO., CAL.—School, 2 story and base, brick and steel, \$86,000. Architects, Stone & Wright, San Joaquin Bldg., Stockton. Owners, City of Stockton. The building will be erected on the property bounded by Park, Flora, Madison and Monroe streets, and has been designed to contain fourteen class rooms, assembly hall and principal's office. Corridors and stairways will be of fireproof construction. Interior will be finished in pine with maple floors in the class rooms. Plans provide for steam heat and oil burning furnace. There will be program clocks and vacuum cleaning. Slate blackboards are specified. Exterior of the building will be faced with pressed brick. Plans are now being prepared. Further mention will be made of the work when figures are called.

SAN BERNARDINO, SAN BERNARDINO CO., CAL.—School group, 6, 1 and 2 story, brick and steel, \$210,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, San Bernardino Union High School District. The Board has decided to erect six buildings. Administration, Science, Classical, Home Economics, Commercial and Mechanics buildings. If there are sufficient funds a cafeteria and gymnasium will also be erected. The style of architecture will be classical, Class C, with masonry walls, tile roofs, wood interiors, metal lath ceilings, wiring, etc. Only preliminary plans have been prepared and details will be published later.

THE DALLES, ORE.—School, 3 story and base, brick, \$100,000. Architect, C. J. Grandall, The Dalles. Owners, City of The Dalles. The building has been designed in the classic style and will cover a large ground area. Besides the class rooms plans provide for an auditorium seating 600 people and

equipped with a modern stage. There will also be a large gymnasium, library and manual training and domestic science rooms. Interior finish will be of pine with hardwood floors. Plans provide for steam heat, program clocks and a vacuum cleaning system. Slate blackboards are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken. Separate bids will be taken for the heating and plumbing. Plans can be secured from the architect.

ASTORIA, ORE.—School alterations and additions, 2 story and base, brick, \$20,000. Architects, Whitehouse & Foulhoux, Wilcox Bldg., Portland. Owners, Astoria School District. The work will consist of an addition to be used for an auditorium. This will contain a gallery with a seating capacity of 800 people and will be of brick construction. The balance of the work will be altering and repairing the interior of the school building. Bids for the work are to be submitted to W. A. Sherman, Clerk of the School District. Separate bids will be received for the heating and electric wiring. Plans are complete and figures are now being taken.

CHICO, BUTTE CO., CAL.—School, 2 story and base, brick, \$50,000. Architect, A. J. Bryan, Chico. Owners, Oakdale School District. Bids opened for this work show I. C. Evans of Marysville low on brick construction, and Graham & Jensen of San Francisco low for the alternate proposition of tile. Mr. Evans' bid was \$34,000 and Graham & Jensen's bid was \$35,250. Bids were taken under advisement. A complete list of the figures submitted will be found under the heading of Sacramento, Stockton and Northern California in this issue.

SACRAMENTO, CAL.—School, 2 story and base, reinforced concrete, \$200,000. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, City of Sacramento. Bids opened for the construction of this building show H. S. Williams, Hearst Bldg., San Francisco, low on all four propositions. These bids were all within the amount available for construction and he will probably be awarded the contract. A complete list of the bids will be found under the heading of Sacramento, Stockton, and Northern California.

BEVERLY HILLS, LOS ANGELES CO., CAL.—School, 1 story, concrete and hollow tile construction, \$20,000. Architect, W. J. Dodd, Marsh-Strong Bldg., L. A. Owners, Beverly Hills School District. The building will contain six class rooms and an assembly hall. Interior finish will be of pine and redwood. Maple floors will be used in the class rooms. There will be a central heating system. Exterior of the building will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

BANNING, RIVERSIDE CO., CAL.—School, 1 story and base, brick, \$17,900. Architects, C. H. Russell Co., Union League Bldg., L. A. Owners, Banning School District. The building has been designed in the Mission style and will contain six class rooms and an assembly hall. Interior finish will be of pine with maple floors in the class rooms. There will be a central heating system, probably furnace heat.

Modern school plumbing and electric work will be installed. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

Contracts Awarded.

GLENDALE, LOS ANGELES CO., CAL.—Schools, 2, 1 story and base. Class C construction. Cost not stated. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Glendale High School District. Contractor, G. Hanson, 1414 South Vermont avenue, L. A., general construction. Contract price, \$59,183; plumbing, J. Hokom, \$6,393; Munger & Munger, Pasadena, heating, \$3,795; Bliss & Schwenzefer, Pasadena, painting, \$3,188; L. W. Chobe, Glendale, electric work, \$1,196.75; and Eugene Winslip, program clocks, \$1,550.

LOS ANGELES, CAL.—Mission school, 3 story and base, brick. Cost not stated. Architect, Robert H. Orr, Van Nuys Bldg., L. A. Owners, Christian Women's Board of Missions, Indianapolis. Contractors, Gauger Construction Co., Langdon Bldg., L. A. Contract price, \$23,251.

STORES.

SAN FRANCISCO—Stores, 2 story brick addition, \$10,000. Architect, A. W. Pattiani, Merchants' National Bank Bldg., S. F. Owner, A. S. Mardonald, Mills Bldg., S. F. The present one-story brick building on the north side of Market street east of Page will be added to by the construction of two stories. The entire lower floor will be occupied by a coffee house and upper two floors will be arranged for a number of rooms. Interior finish will be of pine. There will be a hot water supply. Two baths to the floor will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SEALED PROPOSALS.

PROPOSALS FOR BUILDING ALTERATIONS.

CONSTRUCTION—Office of the Quartermaster, Presidio of Monterey, Cal.—Sealed proposals will be received at this office until 11 a. m., May 15, 1914, and then opened, for moving and reconstructing guardhouse, this post, including plumbing, heating and electric wiring. Further information may be obtained by applying to this office. F. A. GRANT, major, quartermaster corps.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 846—Proposals for Furnishing or Furnishing and Erecting Structural Steel Work. Required for Decking of Sections of the Quay Wall for the Balboa Terminal Docks.—Sealed proposals will be received at the office of the general purchasing officer, Panama Canal, Washington, D. C., until 10:30 a. m., May 12, 1914, at which time they will be opened in public for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 846) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the engineer office of the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS major, corps of engineers, U. S. Army, general purchasing officer.

PROPOSALS FOR CONSTRUCTING DREDGE.

DREDGE—Sealed proposals for constructing the steel sea-going hydraulic hopper dredge San Pablo will be re-

ceived at this office until 11 o'clock a. m., June 18, 1914, and then publicly opened. Information on application, THOMAS H. REES, chief engineer, civil engineers, custom house, San Francisco.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at 3 p. m., May 23, 1914, for the construction, complete (including mechanical equipment, interior lighting fixtures and approaches), of the United States post office at Casper, Wyo. One story, basement and mezzanine, first floor fireproof, stone and brick facing and tin roof. Drawings and specifications may be obtained from the custodian of site at Casper, Wyo., or at this office, in the discretion of the supervising architect, O. WENDEROTH, supervising architect.

PROPOSALS FOR HYDRAULIC APPARATUS.

HYDRAULIC APPARATUS—U. S. Reclamation Service, Los Angeles, Cal.—Sealed proposals will be received at this office until 2 o'clock p. m., May 20, 1914, for furnishing hydraulic apparatus for the Okanagan Project, Wash. For particulars address U. S. Reclamation Service, 602 Building, Los Angeles, Cal. O. H. ESSIGN, chief electrical engineer.

PROPOSALS FOR STEEL REINFORCEMENT AND LUMBER.

STEEL REINFORCEMENT, LUMBER, ETC.—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Malta, Mont., until 2 o'clock p. m., May 20, 1914, for earthwork and structures of the Second Unit of Vandalla South Canal, involving about 145,000 cubic yards of excavation, 200 cubic yards of reinforced concrete, the placing of 18,000 pounds of steel reinforcement and the placing in wooden structures of 135,000 feet B. M. of lumber. The work is situated on the south side of Milk River in the vicinity of Glasgow and Nashua, Mont. For particulars address the United States Reclamation Service, Washington, D. C.; Great Falls, Mont., or Malta, Mont. MORRIS BIEN, acting director.

PROPOSALS FOR BUILDING.

BUILDING—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals plainly marked on the outside of the sealed envelope "Proposals for Hospitals, Cheyenne River, Rosebud and Standing Rock Indian Reservation, North and South Dakota," and addressed to the commissioner of Indian Affairs, Washington, D. C., will be received at the Indian Office, Department of the Interior, May 21, 1914, for furnishing materials and labor for the construction of a frame hospital on the Standing Rock Reservation, North Dakota, and hospitals on the Cheyenne River and Rosebud Reservations, South Dakota, in strict accordance with the plans, specifications and instructions of the undersigned, which may be examined at the U. S. Indian warehouse, San Francisco, Cal., and at the several schools. For further information apply to the superintendents of the Cheyenne River Indian School, Cheyenne Agency, South Dakota; Rosebud Indian School, Rosebud, South Dakota; and the Standing Rock Indian School, Fort Yates, North Dakota. CATO SELLS, commissioner.

NOTICE TO CONTRACTORS.

OFFICE OF THE BOARD OF STATE HARBOR COMMISSIONERS Union Depot and Ferry House, San Francisco, California.

Sealed proposals or bids will be received at this office at or prior to 11 o'clock a. m., on Thursday, May 7, 1914, for furnishing materials and constructing a pier (to be known as Pier No. 151) and adjacent bulkhead wharf on the waterfront of the City and County

of San Francisco. In accordance with the plans and specifications prepared therefor by the Assistant State Engineer and adopted by the Board March 1914, and all the bids are to be opened at which special reference is hereby made.

The materials to be used in this work shall consist of the requisite quantities of Portland cement and creosoted piles (which will be furnished to the contractor by the Board), green piles, machined and redwood lumber, redwood lumber, cedar lumber, asphalt paving, bituminous concrete paving, sand, crushed rock or gravel, reinforcing materials, castings, structural steel, rods, bolts, spikes, car springs, rails and fastenings, etc. All materials used must be of the best of their respective kinds, if not especially specified herein. All materials used in the structures will be subjected to a rigid examination and test and if found defective, under size, unsuitable or not as specified, will be condemned and must be immediately removed from the work by the contractor at his expense.

No bid will be received unless it is made on a blank form furnished from this office, and is accompanied by a certified check for an amount equal to Five (5) per cent of the amount of the proposal, to be made payable to the order of the Secretary of the Board, conditioned that if the proposal is accepted and the contract awarded, and the bidder fails to execute or neglect to execute a contract and give the bond required within Six (6) days after the award is made, in that case said sum mentioned in the condition shall be deemed liquidated damages for such failure and neglect and shall be paid in the San Francisco Harbor Improvement Fund.

The bond required to be not less than one-half the amount of the bid, with two or more sureties to be approved by the Board of State Harbor Commissioners, and conditioned for the faithful performance by the contractor of all the terms and conditions of said contract according to the true intent and meaning thereof, and the satisfaction of said board, and said bond shall also be effective as provided in the order approved March 1914, for the protection of material men, mechanics and laborers.

Bids will not be considered by this Board unless delivered to the Secretary or to the Assistant Secretary at the office of the Secretary at or prior to 11 o'clock a. m. on Thursday, May 14, 1914, at which time and place the bids will be opened.

The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Bidders are invited to be present at the opening of the bids.

Plans and specifications for this work to be had at Room No. 18, Union Depot and Ferry House, upon depositing \$4.00 for same, which amount will be returned on return of plans and specifications.

Bidders are requested to mark envelope containing bid, "Bid for Pier No. 15."

J. J. DWYER,

THOMAS S. WILLIAMS,

J. H. McCALLUM,

Board of State Harbor Commissioners.

GEROME NEWMAN,

Assistant State Engineer.

LEO V. MERLE, Secretary.



STATE OF CALIFORNIA.

DEPARTMENT OF ENGINEERING. CALIFORNIA HIGHWAY COMMISSION.

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 215 Germania Bldg., Sacramento, Cal., until the times hereinafter noted, at which times they will be publicly opened and read, for consideration of the same, and the specifications therefor, to which special reference is made, portions of State highway as follows:

Tulh 4 o'clock P. M. May 23, 1914.
Tehama County from Red Bluff to the Northernly Boundary (H-Teh-3-C), about 13.7 miles in length, to be built of Portland cement concrete.

Solano County from Benicia to a point 2 1/2 miles south of Cordelia (H-Sol-7-A), about 9.0 miles in length, to be built of Portland cement concrete.

Mart County from Larkspur to Sausalito (IV-Mrt-1B), about 6.0 miles in length, to be graded and part surfaced with "grave".

Stanislaus County from Gilroy to Sargent (IV-S, Cl-2-C2), about 6.0 miles in length, to be built of Portland cement concrete.

Mtn County from Sections 5 and 6, T. 32 S. R. 23 E. M.D.B. & M. to Bakersfield (VI-Ker-4-C), about 13.0 miles in length, to be built of Portland cement concrete.

Tulh 2 o'clock P. M. May 25, 1914.
Humboldt County from Dycerville to Shively (H-H-1-B), about 7.3 miles in length, to be graded.

Colusa County from Hershey to Berlin (H-Col-7-A), about 10.8 miles in length, to be built of Portland cement concrete.

Solano County from Fairfield to Vacaville (H-Sol-7-C), about 8.8 miles in length, to be built of Portland cement concrete.

Tulare County from Tulare to Tagus Spring (H-Tul-4-C), about 4.3 miles in length, to be built of Portland cement concrete.

Los Angeles County from Liebre Mountain to the Northernly Boundary (VII-L-A), about 10.0 miles in length, to be built of Portland cement concrete.

Plans may be seen, and forms of proposals, bonds, contract, and specifications may be obtained at the said office and they may be seen at the office of the Division Engineers in the divisions in which the work is situated. The Division Engineers' offices are located at Williams, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for further directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any and all bids or to accept the bid deemed for the best interests of the State.

CHARLES D. BLANEY,

NEWELL D. DABLINGTON,

CHARLES F. STERN,

California Highway Commission.

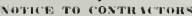
AUSTIN B. FLETCHER,

Harvey Engineer.

WILSON R. ELLIS,

Secretary. (*)

De't, April 22, 1914.



NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C. April 28, 1914.—SEALED PROPOSALS will be opened in this office at 3 P. M. on June 4, 1914, for the construction (including mechanical equipment, lighting fixtures and approaches) of a one-story and two-story and a one-story rear extension) stone, and brick-faced building of 6,000 square feet ground area, nonfireproof construction (except first floor) for the International Exposition Company at Chico, Cal. Drawings and specifications may be obtained from the custodian at Chico, Cal., or at this office, in the discretion of the Supervising Architect, O. WENDEROTH, Supervising Architect. (*)

CALL FOR BIDS FOR WISCONSIN BUILDING AT THE PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

NOTICE IS HEREBY GIVEN that sealed bids or proposals will be received by the Wisconsin, Panama-Pacific Exposition Commission at their office 709 Germania Bldg., Milwaukee, Wis., up to and including the 16th day of May, 1914, at 10 o'clock A. M. (Central Time) for the furnishing of all material and doing all work necessary and required to construct and complete the Wisconsin Building at the Panama-Pacific International Exposition in San Francisco, Cal., according to plans and specifications. Only complete bids will be considered. Plans and specifications are on file in the office of the Wisconsin Commission, 709 Germania

Bldg., Milwaukee, Wis.; also in the office of R. A. Messmer & Bro., Architects, 1604 Majestic Bldg., Milwaukee, Wis.

Each proposal must be accompanied by money, certified check or surety bond in the sum of 5% of the bid. Conditioned that the bidder, if successful, will furnish materials and do the work as in his bid agreed, and also furnish proper bond to secure the performance of the contract or failing to do so, then to forfeit such accompanied sum to the Wisconsin Panama-Pacific Exposition Commission. The Commission reserves the right to reject any and all bids.

Each proposal must be filled out on blank forms and returned in self-addressed envelope furnished by said Commission.

D. E. BOWE, Secretary,
Wisconsin Panama-Pacific Exposition Commission, 709 Germania Bldg., Milwaukee, Wis. (*)

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C. April 24, 1914.—SEALED PROPOSALS will be opened in this office at 3 P. M. on June 4, 1914, for the construction complete (including mechanical equipment, interior lighting fixtures, and approaches) of the United States post office at Brigham City, Utah. Two-story building; ground area, 3,700 square feet first floor fireproof; stone and brick facing; composition roof. Drawings and specifications may be obtained from the custodian of site at Brigham City, Utah, or at this office, in the discretion of the Supervising Architect, O. WENDEROTH, Supervising Architect. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Commission of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, Cal., up to and including Thursday, May 7, 1914, for Extensions to Warehouses Nos. 2 and 3 in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the amount bid will be required to secure faithful performance of the contract, the sureties thereon must be satisfactory to the Buildings and Grounds Commission of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to award the order of contracts in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and bids are required to submit a bid, which will forfeit the deposit of Ten Dollars to the Exposition Company.

By order of the Buildings and Grounds Commission.

WILLIAM H. CROCKER,
Chairman. (*)

PROPOSALS FOR HEATING AND VENTILATING.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.
Sealed proposals will be received at this office between the hours of 2

W. R. BRODE, Pres. LOUIS R. HOLM, Sec. R. J. BRODE, Vice-Pres.

BRODE IRON WORKS

Established 1886—Incorporated 1913

Tel. Kearny 2464.

Fabricators and Contractors of Structural Steel and Ornamental Iron Work

Office & Works: 31-37 Hawthorne St., bet. Howard & Folson Sts., San Francisco, Cal.

2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 26th day of May, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit: The installation of a heating and ventilating system in the Cooper School Building.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within three hundred (300) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$1,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works, RICHARD J. CLINE, Secretary.

PROPOSALS FOR BUILDING.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Said proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 26th day of May, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit: The General Construction of the Cooper School Building, to be situated at the southwesterly corner of Jones and Lombard streets.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within three hundred (300) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$20,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works, RICHARD J. CLINE, Secretary.

PROPOSALS FOR PLUMBING AND GAS FITTING.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Said proposals will be received at

EXCAVATING—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Malta, Montana, until 2 o'clock p. m. May 12, 1914, for the excavation of the auxiliary spuyway channel and the construction of the North Dike, Vandalla

Division, involving approximately 160,000 cubic yards of material. The work is situated on the north side of Milk River adjacent to the main line of the Great Northern Railway, about three and one-half miles from Vanda station and adjacent to the U. S. Reclamation Service's siding at Vandalla Dam. For particulars address the United States Reclamation Service, Washington, D. C., Great Falls, Montana, or Malta, Montana. F. H. NEWELL, director.

PROPOSALS FOR LUMBER, ETC.

COAL, LUMBER, GASOLINE, ETC.—Sealed proposals will be received at the office of the light house inspector. Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within three hundred (300) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$800.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works, RICHARD J. CLINE, Secretary.

PROPOSALS FOR EXCAVATING.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works, RICHARD J. CLINE, Secretary.

PROPOSALS FOR ELECTRIC WORK.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Said proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 26th day of May, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit: The Cooper School Building.

Works, and completed within three hundred (300) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$1,500.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works, RICHARD J. CLINE, Secretary.

for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit: San Francisco, Cal., until 2 o'clock p. m. May 18, 1914, and then opened for furnishing bituminous coal, lumber, gasoline, and distillate. Blank proposals and particulars may be obtained by addressing the LIGHT HOUSE INSPECTOR, San Francisco, Cal.

PROPOSALS FOR BOILERS, OIL BURNERS, ETC.

BOILERS, OIL BURNERS, ETC.—Sealed proposals, indorsed "Proposals for Heating Plant, Boilers, and Accessories," will be received at the Bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. May 23, 1914, and then there publicly opened for furnishing and installing boilers, oil burners, piping, etc. In the heating plant at the naval hospital, U. S. navy yard, Mare Island, Cal. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard at Mare Island. H. R. STANFORD, chief of bureau.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Said proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 13th day of May, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit: The Furnishing and Installing of Wire Screens in the Main Group Buildings of the San Francisco Hospital, located on Potrero avenue and Twelfth Street.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within one hundred and twenty (120) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed as follows:

Proposition No. 1—\$1,000.00.

Proposition No. 2—\$3,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works, RICHARD J. CLINE, Secretary.

NOTICE TO CONTRACTORS.

COUNTY OF KERN.

STATE OF CALIFORNIA.

SEALED PROPOSALS addressed to the Board of Supervisors and endorsed "Proposals for Furnishing and Installing a Crushing Plant at Keene, near Woodford on the Southern Pacific Railroad" will be received by the Board of Supervisors, Kern County, at their office in the County Court House until two (2) o'clock P. M. on May 12th, 1914, and at that time and place will be publicly opened and read.

Competitive designs and bids to be submitted by contractors for an electrically equipped plant of 1000 tons capacity in hours.

An outline of general requirements and contour maps of the quarry site may be obtained at the office of the Board of Supervisors, Kern County, Bakersfield, California. All proposals must specify each part of the equipment, give make, model, and give a catalog identification and must give the price proposed both in writing and in figures signed by the bidder with his address.

Each proposal must be accompanied

by a certified or cashier's check, amounting to at least ten (10) per cent of the amount of the bid payable to the Chairman of the Board of Supervisors, such check to be returned to the bidder upon the forfeiture, under the conditions herein stipulated.

A bond will be required for the faithful performance of the contract in a sum equal to one-half (1/2) of the amount of the contract, and a further bond in a sum equal to one-quarter (1/4) of the amount of the contract will be required for the security of material-men and laborers. The sureties on both bonds must be approved by the Board of Supervisors.

The bidder to whom the contract may be awarded will be required to appear at the office of the said Board of Supervisors with the sureties offered by him and execute a contract within ten (10) days after it is awarded to him. In case of failure or neglect to do so, he may be considered as having abandoned it, and the check accompanying the proposal may, at the option of the Board of Supervisors be forfeited to the County of Kern.

All bids will be compared on the basis of excellence of design and materials as well as the amount for which it is proposed to install the plant.

The Board of Supervisors reserves the right to reject any or all bids.

BOARD OF SUPERVISORS OF KERN COUNTY.

By H. A. Jastro, Chairman. (•)

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal., April 11, 1914.—SEALED PROPOSALS, in triplicate, for constructing Quartermaster's Stables at the Presidio, San Francisco, Cal. will be received until 11 A. M., May 14, 1914, and then opened. Plans, specifications, etc., can be obtained here. Deposit of \$25.00 required to insure return of plans, etc. Proposals to be enclosed in sealed envelopes and addressed to: Col. GEO. MCK. WILLIAMSON, Q. M. C.

NOTICE TO CONTRACTORS.

COUNTY OF KERN, State of California.—Sealed proposals addressed to the Board of Supervisors and endorsed "Proposals for Furnishing and Installing Crushing Plant at Keene, near to Woodford on the Southern Pacific Railroad" will be received by the Board of Supervisors of Kern County at their office in the County Court House until two (2) o'clock p. m. on May 14th, 1914, and at that time and place will be publicly opened and read.

Plans, specifications, and bids to be submitted by contractors for an electrically equipped plant of 1000 tons capacity in 8 hours.

Plan outline of general requirements and contour maps of the quarry site may be obtained at the office of the Kern County Highway Commission, Bakersfield, California. Bidders must specify each part of the equipment, giving manufacturer's name and catalog identification, and must give the price proposed both in writing and in figures signed by the bidder with his address.

Each proposal must be accompanied by a certified or cashier's check amounting to at least ten (10) per cent of the amount of the bid payable to the Chairman of the Board of Supervisors, such check to be returned to the bidder unless forfeited under the conditions herein stipulated.

A bond will be required for the faithful performance of the contract in a sum equal to one-half (1/2) of the amount of the contract, and a further bond in a sum equal to one-quarter (1/4) of the amount of the contract will be required for the security of material-men and laborers. The sureties on both bonds must be approved by the Board of Supervisors.

The bidder to whom the contract may be awarded will be required to appear at the office of the said Board of Supervisors with the sureties offered by him and execute a contract within ten (10) days after it is awarded to him. In case of failure or neglect to do so, he may be considered as having abandoned it, and the check accompanying the proposal may, at the option of the Board of Supervisors be forfeited to the County of Kern.

All bids will be compared on the basis of excellence of design and material as well as the amount for which it is proposed to install the plant.

The Board of Supervisors reserves the right to reject any or all bids.

BOARD OF SUPERVISORS OF KERN COUNTY.

By H. A. JASTRO, Chairman.

BOARD OF PANAMA-PACIFIC MANAGERS FOR MASSACHUSETTS.

ed by the Board of Panama-Pacific SEALED PROPOSALS will be received by the Board of Panama-Pacific Managers for Massachusetts at Room 305, in the Tremont Building, Boston, Massachusetts, at 11:00 A. M. (Eastern Time), Monday May 11, 1914, for Constructing the Massachusetts Pavilion at the Panama-Pacific International Exposition in accordance with specifications on file in the office of the Board of Panama-Pacific Managers for Massachusetts in Room 305, in the Tremont Building, Boston, Massachusetts, and in the office of the Director of Works of the Exposition, Room 207, Service Building, Exposition Grounds, San Francisco, California.

Each proposal must be accompanied by a certified check payable to the order of the Board of Panama-Pacific Managers for Massachusetts in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of ten (10) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfac-

tory to the Board of Panama-Pacific Managers for Massachusetts.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the State of Massachusetts.

Plans and specifications for the work may be obtained from the Board of Panama-Pacific Managers for Massachusetts, Room 305 Tremont Building, Boston, Massachusetts, or from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$25.00 which amount will be refunded to contractors upon the return of plans and specifications in good condition.

By order of the Board of Panama-Pacific Managers for Massachusetts.

PETER H. CORR, Chairman.
CHARLES O. POWER, Secretary. (•)

PROPOSALS FOR SALE OF VESSELS.

SALE OF U. S. NAVAL VESSELS.—Sealed proposals will be received at the bureau of supplies and accounts, Navy Department, Washington, D. C., until 12 o'clock, noon, May 14, 1914, when they will be publicly opened for the purchase of the following vessels: U. S. S. Manila, a new iron-hulled Island, Cal., appraised value \$10,000; U. S. S. Restless, at naval torpedo station, Newport, R. I., appraised value \$2,000. The Manila will be sold for cash, the highest bidder and the Restless to the bidder offering the highest price above the appraised value. Forms of proposal and bond and information concerning the vessels and the terms and conditions of sale may be obtained upon application to the bureau of supplies and accounts. JOSEPHUS DANIELS Secretary of the Navy.

Firms dealing news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the first part of the news department, under different headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

WAREHOUSE EXTENSIONS.

Frame construction. Cost not stated. San Francisco, Engineer, Director of Works, Service Bldg., S. F. Owners Panama-Pacific International Exposition. Plans for extensions to be made to warehouses Nos. 2 and 3 have been completed and are now out for figures. Bids will be opened on May 7th by the Buildings and Grounds Committee. An official proposal appears in another column of this issue. Plans can be secured from the Director of Works, Service Bldg.

STATE EXHIBIT BUILDING.

— 2 story and base, frame and plaster. Cost not stated. San Francisco, Architects, R. A. Messner Bro., Majestic Bldg., Milwaukee, Wis. Owners, State of Wisconsin, represented by the Wisconsin Panama-Pacific Commission, 709 Germania Bldg., Milwaukee, Wis. Plans for this building have been completed and bids are now being taken. No plans have been forwarded to this city as yet but may be obtained from either the architects or from the Wisconsin Panama-Pacific Commission in Milwaukee. Bids will be opened on May 16th. An official notice to contractors appears in another column of this issue.

PIER CONSTRUCTION.

—Cement and timber. Cost not stated. San Francisco, Engineer, Assistant State Engineer Jerome Newman, Ferry Bldg., S. F. Owners, State of California. Plans have been approved by the State Board of Control for Pier No. 15, to be erected on the San Francisco waterfront.

Portland cement, plain and creosoted piles will be used. Cement and piles will be furnished the contractor by the state. Bids are now being taken and will be opened by the State Board of Harbor Commissioners on May 7th. Plans and specifications may be secured from the Assistant State Engineer at the Ferry Bldg. An official proposal appears in another column of this issue.

CITY HALL.

—1 story and base, Class A construction, \$4,500,000. San Francisco, Architects, Barwell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Bids were opened at the Wednesday meeting of the Board of Public Works for the marble work at the new City Hall. Five sets of figures were submitted. In all seven propositions were considered. A complete list of the bids as opened will be found under the heading of San Francisco in this issue.

FLATS.

—3 story and base, frame, \$5,500. San Francisco, Architect, C. Fantoni, 916 Kearny street, S. F. Owner, Philip Teresi. The building will be erected on Mission street near Persia and will contain two modern flats and a store. Each flat will have five rooms and bath. Interiors will be finished in pine and redwood. There will be open hearthplaces and tile mantels in the living rooms. Bath rooms will have composition floors. Automatic water heaters are specified. Plans are complete and figures are now being taken.

FLAT ADDITION.

—1 story, C. C. Fantoni, 916 Kearny street, S. F. Owner, F. Di Graglia. The building will be

erected on Greenwich near Stockton street, and will contain five rooms and bath. The present building, a two-story structure, will also be altered and new plumbing, electric work and plastering will be installed. Open fire place and tile mantel will be used. Exterior will be covered with rustic and shiplap. Plans are now being prepared.

GARAGE—1 story, brick, \$7,500. San Francisco. Architect, none. Owner, S. J. Sterner, 125 4th avenue. The building will be erected on the north side of Green street east of Octavia, covering an area of 34 by 137 feet. A cement floor will be used and steel roof trusses. There will be a large gasoline storage tank. Interior finish will be of pine. Besides the storage space a machine shop will be included in the building. Exterior will be faced with stock brick or cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

HOTEL—15 story and base. Class A construction. Cost not stated. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Fred C. Finkle. This building will be erected at the northwest corner of Pine and Stockton streets, covering an area of 40 by 60 feet. Construction will be of the Class A type throughout with a complete steel frame, reinforced exterior walls, floors and roof slabs. It was originally intended to carry the structure to a height of 23 stories. Interior partitions will be of metal lath and plaster. Interior finish will be of pine and hardwood with some metal trim. All guest rooms will have private baths. Plans provide for steam heat, elevator service, a hot water supply and vacuum cleaning. Bath rooms will have tile wainscot and composition floors. Exterior will be faced with cement plaster. Plans for the reinforced concrete work are now complete and figures are being taken.

HOTEL—5 or 6 story and base. Class A construction. Cost not stated. San Francisco. Architect, Alfred Schroepfer, Foxcroft Bldg., S. F. Owner, Mr. Davidow, 46 Kearny street, S. F. The building will be erected at the northeast corner of Third and Townsend streets and will cover a large ground area. Construction will be fireproof throughout with a complete steel frame and brick exterior walls, metal lath and plaster interior partitions. Interior finish will be of pine and hardwood. There will be a number of stores on the first floor besides the hotel office and lobby. Upper floors will be arranged for modern hotel rooms, a large percentage of which will have private baths. There will be steam heat, elevator service, a vacuum cleaning plant, hot water supply and patent store fronts. Bath rooms will be finished in tile. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$6,000. San Francisco. Architect, none. Owner, C. A. Warren, Merchants' National Bank Bldg., S. F. The house will be designed for a seven-room house and will be erected on 43rd avenue. Interior finish will be of pine and hardwood veneer with some oak

floors. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. The work will probably be done by Day Labor.

RESIDENCE—1½ story and base, frame, \$3,000. San Francisco. Architect, C. H. Barrett, 381 Bush street, S. F. Owner's name withheld. The dwelling will be erected in the Richmond District and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCES—2, 2 story and base, frame, \$2,500 each. San Francisco. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. These two houses will be erected on the west side of 15th avenue near Fulton, and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places in the living rooms. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the houses will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SCHOOL—3 story and base, brick and steel, \$50,000. San Francisco. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, St. Paul's Church, Rev. Father M. D. Connelly, 221 Valley street, S. F. The building will be erected at the northwest corner of Church and 29th streets, covering an area of 99 by 142 feet. Interior will contain, besides the class rooms, a large assembly hall, chapel and gymnasium. There will be steam heat, oil burning furnace, program clocks and hose reels. Interior will be finished in pine with maple flooring. Blackboards and other common school equipment will be used. Exterior of the building will be faced with pressed brick. Plans are complete and bids are now being taken.

STORES—2 story brick addition, \$10,000. San Francisco. Architect, A. W. Pattiani, Merchants' National Bank Bldg., S. F. Owner, A. S. Macdonald, Mills Bldg., S. F. The present one-story brick building on the north side of Market street east of Page will be added to by the construction of two stories. The entire lower floor will be occupied by a coffee house and upper two floors will be arranged for a number of rooms. Interior finish will be of pine. There will be a hot water supply. Two baths to the floor will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

FLATS—2, 3 story and base, frame, \$4,000 and \$6,000. San Francisco. Architect, Paul F. De Martin, 2123 Powell street, S. F. Owner's name withheld. These two buildings will be erected on Greenwich street near Powell, and each has been designed to contain three flats. Interiors will be finished in pine, redwood and hardwood veneer. Oak floors will be used in the living rooms. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Entrances will be finished in tile with terrazzo steps. Exterior will be covered with shiplap and cement plaster on metal lath. Plans are complete and figures are now being taken for the work.

HOTEL—3 story and base, brick and steel, \$20,000. San Francisco. Architect, W. J. Cuthbertson, 328 Montgomery street, S. F. Owner, Eliza Herrin. The building will be erected on the north side of O'Farrell street west of Larkin, covering an area of approximately 12,000 square feet. There will be fifty guest rooms, nearly all of which will have private baths. Interior finish will be of pine and redwood. Plans provide for steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

HOTEL—6 story and base, brick and steel, \$25,000. San Francisco. Architect, Chester H. Miller, Dalziel Bldg., Oakland. Owner's name withheld. The building will be erected on Post street near Larkin and will have a frontage of 29 feet and a depth of 73 feet. There will be a store besides the hotel lobby on the first floor. Upper floors will contain in the neighborhood of 75 rooms, all of which will have private baths. Interior finish will be of pine and elm. Plans provide for steam heat, elevator service and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. A complete steel frame will be used. Plans are complete and figures are being taken.

CIVIC CENTER IMPROVEMENTS—Cost not stated. San Francisco. Architects, City Architectural Department, Temporary City Hall, S. F. Owners, City and County of San Francisco. The Board of Works has forwarded to the Supervisors a report from the consulting architects in regard to improving the two blocks in the Civic Center, which have been set aside for a plaza, with a request for \$64,000 for carrying out the plan of the architects for the adornment of this square. The plan is to level the two blocks and create a park. A large part of the estimated expense is for proposed temporary sculpture work and modeling of balustrades, pedestals, fountains, electrolites and other decorative features. The temporary figures and models will be used later as the basis of the permanent work of this character, the purpose now merely being to make the Civic Center attractive for exposition year. The Finance Committee of the Supervisors is disinclined to expend any large amount at present for temporary purposes, and may limit the outlay to parking and gardening.

City Bids Opened.

Five Sets of Figures Submitted With Seven Proposition for Marble Work on New City Hall.

The Board of Public Works received five sets of bids at their Wednesday afternoon meeting for the marble work at the City Hall. Bids were submitted with seven alternative propositions calling for different combinations of marble and for different amount of work. All bids were taken under consideration.

Marble Work For City Hall.

Joseph Musto Sons-Keenan Co. (1) \$583,000 (6) \$234,860; (7) \$115,000.
Vermont Marble Co. (6) \$284,300.
Columbia Marble Co. (6) \$315,000.
Sound Constr. & Eng. Co. (2) \$294,699 (3) \$294,699.
McGillivray Stone Co. (2) \$331,991; (3) \$331,991.

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	
1459	Fatjo	Vezina	31457
1460	Leone	Novello	2650
1461	Scatena	Cuneo	12800
1462	Pagano	Amoroso	6600
1463	Glossa	Debenedetti	4450
1464	Lynch	Anderson	4500
1465	Phillips	Con	3278
1466	S P	Sullivan	450
1467	Kaufmann	Nielsen	3435
1468	Larroy	Hill	14615
1469	Abramson	Blatt	820
1470	Getz	Bergren	1650
1471	P P I E	Johns	8009
1472	Same	Turner	5392
1473	Same	McFell	3100
1474	Stewart	Central	13000
1475	Same	Brandt	85000
1476	Cookson	Arthur	4566
1477	Dineen	Cavallieri	3000
1478	Aed'y Science	Am M & M	1865
1479	Same	Cao Sh Mtl	3975
1480	Pac Aeropone	Wright	2300
1481	Grand Trunk	Lange	11935
1482	Arnold	Elliot	3960
1483	Ryan	Phillips	8958
1484	Coleman	Stiefel	4566
1485	Brenan	McLeod	400
1486	Fisher	Sullivan	450
1487	Cafe	Brumfield	450
1488	Moore	Brumfield	400
1489	Schenkel	Currie	850
1490	Andren	Andren	2200
1491	Coulter	Coulter	560
1492	Sandstrom	Owner	600
1493	Calmes	Calmes	450
1494	Russell	Byne	500
1495	Stern	Stern	2500
1496	Nelson	Nelson	2500
1497	Same	Same	2500
1498	Fireman's Fund	Gladding	16175
1499	Same	Farrell	19440
1500	Same	O'Day	2750
1501	Same	W'n Iron	22200
1502	Same	Reed	14000
1503	Ryan	McLeran	177275
1504	P P I E	McLeran	177275
1505	Casey	Casey	500
1506	Tim	Arthur	400
1507	S P Co	S P Co	400
1508	Wobber	O'Neill	500
1509	Brown	Johnson	1000
1510	Grace	Grace	1250
1511	Tamm	Gale	400
1512	Barberis	Barberis	400
1513	Brenan	Bergren	1000
1514	Romano	Romano	400
1515	Dalton	Brochhaus	1000
1516	Planka	Nielsen	450
1517	Donovan	Donovan	1700
1518	Keegan	Keegan	400
1519	Silvey	Durham	400
1520	Perry	Perry	400
1521	Voight	Voight	1800
1522	Barbi	Barbi	400
1523	Price	Bonde	700
1524	Dooley	Anderson	1583
1525	P P I E	Scott	4519
1526	Schenkel	Schenkel	400
1527	Hawton	Leigh	2900
1528	Borneque	Sullivan	2200
1529	Thiebaud	Little	16900
1530	Darbo	Barrett	400
1531	Jarvis	Cavallieri	650
1532	Voight	Voight	1800
1533	Muzio	Carraro	1600

1534	Adams	Jansson	5900
1535	Webb	Parry	1350
1536	Mullen	Mullen	2500
1537	Herrin	Dahlberg	16285
1538	Indiana	Poster	20597
1539	Gerson	Roberts	6750
1540	Lindsay	McArthur	2500
1541	Sweden	Lange	37700

(1459) S PACIFIC AVE 85 W Devissadero W 45X8 127-8 1/4 WA 495. All work for two-story and basement and attic frame residence and separate garage.

Owner.....P. M. Fatjo, 1805 Franklin, San Francisco.

Architect...Edw. G. Bolles, 660 Market, San Francisco.

Contractor...L. N. Vezina, 180 Jessie, San Francisco.

Filed Apr. 27, '14. Dated Apr. 23, '14.

Foundation in place	\$2400
Concrete floor poured	2000
2nd floor joists placed	3000
Roof sheathing in place	3000
1st coat interior plaster on	3000
Finish coat interior plaster on	2400
Standing finish on	3000
2nd coat varnish on	2400
Completed and accepted	4642
Usual 35 days	8615
TOTAL COST	\$34,457

Bond, \$25,845. Surety, Massachusetts Bonding & Insurance Co. Limit, 141 days. Forfeit, \$10. Plans and specifications filed.

(1460) SE ELSIE 60 SW Cortland Ave SW 30 SE 53-9 NE 20 NW 25 NE 10 NW 28-9 Pin Lots 17 and 18 Blk 5, Fair Sub Holly Park Tract. All work except shades and gas and electrical fixtures for 2-story frame residence.

Owner.....Angelo Leone, 260 Cortland Ave., San Francisco.

Architect...Righetti & Headman, Pheasant Bldg., San Francisco.

Contractor...M. Z. Novello, 74 Gladys, San Francisco.

Filed Apr. 27, '14. Dated Apr. 15, '14.

Frame up	\$662
Enclosed, roof on and plastering	done
Completed and accepted	663
Usual 35 days	663
TOTAL COST	\$2,650

Bond, \$1325. Sureties, L. Gunetti and F. Morlano. Limit, Sept. 1. Forfeit, \$20. Plans and specifications filed.

(1461) S GREENWICH 192-6 E Fillmore E 27-6X8 130. All work for two three-story and basement frame buildings (data).

Owner.....Fortunato and Francesco Scatena, 634 Washington, San Francisco.

Architect...Charles Fantoni, 916 Kearny, San Francisco.

Contractor...A. De Benedetti and G. Cuneo, 20 Cotter, S. F.

Filed Apr. 27, '14. Dated Apr. 25, '14.

Buildings roofed	\$3200
Brown coated	3200
Completed and accepted	3200
Usual 35 days	3200
TOTAL COST	\$12,800

Bond, \$——. Sureties, Pio De Martini and Antonio Crovo. Limit, 90 days. Forfeit, \$6. Plans and specifications filed.

(1462) N UNION 112-6 W Montgomery W 25XN 68-9. All work except gas and electric fixtures, window shades, finish hardware and finish for mantels for three-story and basement frame flats.

Owner.....Francesco, F. Vito and Lazzie Pagano, 330 Union, S. F.

Architect...None.

Contractor...F. C. Amoroso, 1246 Kearny, San Francisco.

Filed Apr. 27, '14. Dated Apr. 24, '14.

Frame up	\$1650
Brown mortar on	1
Completed and accepted	1650
Usual 35 days	1650
TOTAL COST	\$6600

Bond, \$3300. Sureties, Pasquale Casella and N. Capurro. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1463) N HURON AND NAGLEE AVES 240 on Huron by 237 on Naglee. All work for two one-story and basement frame dwellings.

Owner.....P. Gardella and G. Giosso, Premises.

Architect...L. Traverso, 854 Union, San Francisco.

Contractor...A. DeBenedetti & G. Cuneo, 20 Cotter, San Francisco.

Filed Apr. 27, '14. Dated Apr. 21, '14.

Both frames up and roofs on	\$112.50
Brown coated	112.50
Completed and accepted	112.50
Usual 35 days	112.50
TOTAL COST	\$4450.00

Bond, none. Limit, 50 days after April 22. Forfeit, \$10. Plans and specifications filed.

NOTE.—One building will be erected N Huron 40 W Naglee Ave.

(1464) SE NATOMA 225 NE 7th NE 25XSE 75. Alterations and additions to two-story frame flats.

Owner.....Patrick Lynch, 1146 Hampshire, San Francisco.

Architect...None.

Contractor...Gustave Anderson.

Filed Apr. 27, '14. Dated Apr. 25, '14.

Building raised and enclosed	\$1125
Brown coated and rough plumb-	ing in
Completed and accepted	1125
Usual 35 days	1125
TOTAL COST	\$4500

Bond, \$2250. Surety, Fidelity & Deposit Co. of Maryland. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1465) W ARCADIA AVE 25 S Joost Ave S 15XW 100. All work for two-room cottage.

Owner.....Thos. and Victoria Phillips

Architect...None

Contractor...A. M. Con.

Filed Apr. 27, '14. Dated Apr. 23, '14.

Rafters up	\$148.75
Plaster on	148.75
Completed	148.75
Usual 35 days	148.75
TOTAL COST	\$595.00

Bond, limit, forfeit, none. Plans and specifications, none.

(1466) AT THIRD AND TOWNSEND to block bounded by King, Berry, 4th and 5th. Bracing and moving building.

Owner.....Southern Pacific Co., Flood Bldg., San Francisco.

Architect...None.

Contractor...D. J. and T. Sullivan, 1940 Folsom, San Francisco.

Filed Apr. 27, '14. Dated Apr. 25, '14.

On completion	75%
Usual 35 days	25%
TOTAL COST	\$450

Bond, \$225. Surety, The Aetna Accident

& Liability Co. Limit, May 15. Forfeit, none. Plans and specifications, none.

(1467) S PARNASSUS AVE about 23-6 E Willard being Lot 5 Blk "D" Sunset Heights. All work except electric fixtures, shades, Rector heaters and finish hardware for two-story and basement frame residence.

Owner.....Wm. D. Kaufmann, 3226 26th, San Francisco.

Designer...E. J. McCoglan.

Contractor...Nielsen Bros.

Filed Apr. 27, '14. Dated Apr. 27, '14.
Roof completed\$58.75
Brown coated\$58.75
Completed\$58.75
Usual 35 days.\$58.75

TOTAL COST, \$2345.00

Bond, \$1720. Surety, The Aetna Accident & Liability Co. Limit, 90 days. Forfeit, \$1. Plans and specifications filed.

(1468) S POST 86-0 E Polk E 23-6xS 120. All work for three-story and basement Class "C" reinforced concrete store and lodging house.

Owner.....Jacques Larrouy.

Architect...Fabre & Bearwood, Merchants' National Bank, S. F.

Contractor...J. A. Hill, 899 Hayes, S. F.

Filed Apr. 28, '14. Dated Apr. 24, '14.

3rd floor joists in place.....\$3653
Rough coat plaster on.....3654
Completed and accepted.....3654
Usual 35 days.3654

TOTAL COST, \$14,615.

Bond, \$7310. Surety, Massachusetts Bonding & Insurance Co. Limit, 120 days. Forfeit, \$10. Plans and specifications filed.

(1469) W WEBSTER 112-6 S Ellis S 25x37-6. Lumber, mill, plumbing, electric work, etc. for three-story and basement frame apartments.

Owner.....Sarah Mintz and Harry Abramson.

Architect...None.

Contractor...John J. Binet Co, 68 Ramona Ave., San Francisco.

Filed Apr. 28, '14. Dated Apr. 24, '14.

Frame up\$2069.50
Brown coated2069.50
Completed2069.50
Usual 35 days.2069.50

TOTAL COST, \$8278.00

Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(1470) W FORTY-THIRD AVE 175 S Lincoln Way S 25xW 120 O L 630. All work for one-story and basement frame building.

Owner.....Sol Getz & Sons, Chronicle Bldg., San Francisco.

Architect...None.

Contractor...L. G. Berggren & Son, 209 Sanchez, San Francisco.

Filed Apr. 28, '14. Dated Apr. 22, '14.

Frame up\$412.50
Roof on412.50
1st coat plaster on.....412.50
Completed and accepted.....412.50
Usual 35 days.412.50

TOTAL COST, \$1650.00

Bond, none. Limit, 45 days. Forfeit, none. Plans and specifications, none.

(1471) EXPOSITION SITE. Acoustic correction for Festival Hall.

Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.

Architect...Robt. D. Farquhar.

Contractor...H. W. Johns-Manville Co., 2nd and Howard, S. F.

Filed Apr. 28, '14. Dated Apr. 21, '14.

As work progresses.....75%
Usual 35 days.....25%

TOTAL COST, \$8000

Bond, \$5000. Surety, Fidelity & Deposit Co. of Maryland. Limit, 200 days. Forfeit, \$25. Plans and specifications filed.

(1472) PLUMBING AND WATER SUPPLY on above.

Contractor...The Turner Co, 278 Natoma San Francisco.

Filed Apr. 28, '14. Dated Apr. 15, '14.

Payments same as above.....

TOTAL COST, \$5392

Bond, \$3500. Surety, Commonwealth Bonding & Casualty Co. of Arizona. Limit, 200 days. Forfeit, \$25. Plans and specifications filed.

(1473) ELECTRIC WORK ON ABOVE.

Contractor...McFell Electric Co., Royal Insurance Bldg., S. F.

Filed Apr. 28, '14. Dated Apr. 18, '14.

Payments same as above.....

TOTAL COST, \$3160

Bond, \$2000. Surety, Massachusetts Bonding & Insurance Co. Limit, 200 days. Forfeit, \$25. Plans and specifications filed.

(1474) N ELLIS 87-6 E Mason E 50x N 137-6. Steel work and cast iron bases for seven-story and basement hotel building.

Owner.....A. O. Stewart, Holbrook Bldg., San Francisco.

Architect...Smith & Stewart, Holbrook Bldg., S. F.

Contractor...Central Iron Works, 651 Florida, San Francisco.

Filed Apr. 28, '14. Dated Apr. 27, '14.

Columns and beams on 2nd story set\$3250
Columns and beams on 6th story set3250
Completed and accepted.....3250
Usual 35 days.....3250

TOTAL COST, \$13,000.

Bond, none. Limit, 35 days. Forfeit, none. Plans and specifications filed.

(1475) ALL WORK EXCEPT STRUCTURAL steel, elevator, electric fixtures finish hardware and wood finish in hotel lobby on above.

Contractor...Brandt & Stevens, Hearst Bldg., San Francisco.

Filed Apr. 28, '14. Dated Apr. 28, '14.

Walls up to 1st floor joists..\$ 4,000
Joists from 1st to 7th floor ceiling and rough floors in.....5,000
Brick work up to 4th story.....6,000
Brick work finished.....6,375
Rough plumbing in.....8,750
Ready for plaster.....7,750
Rough plaster in.....6,750
Plastering finished.....6,375
Standing finish on.....6,375
Accepted6,375
Usual 35 days.....21,250

TOTAL COST, \$85,000.

Bond, none. Limit, 175 days after steel frame up. Forfeit, none. Plans and specifications filed.

(1476) N CARMEL 126-5 W Cole. All work for six-room residence.

Owner.....W. B. Cookson, 3543 21st, San Francisco.

Architect...None.

Contractor...L. Arthur & Son, 1230 1st Ave., San Francisco.

Filed Apr. 28, '14. Dated Apr. 27, '14.
Roof on\$1000
Brown coated San Francisco.....1000
Completed1000
Usual 35 days.....1000

TOTAL COST, \$4000

Bond, \$2000. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1477) NO. 320 THIRTIETH. Alterations and additions of frame cottage into 2 flats.

Owner.....Catherine Dineen.

Architect...O. E. Evans, 2367 Mission, San Francisco.

Contractor...G. Cavaglieri.

Filed Apr. 28, '14. Dated Apr. 21, '14.

Building raised and frame up on 1st story\$750
Brown coated750
Completed and accepted.....750
Usual 35 days.....750

TOTAL COST, \$3000

Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(1478) GOLDEN GATE PARK SE of Band Stand. Marble work for Museum Building.

Owner.....California Academy of Sciences.

Architect...Lewis P. Hohart, Crocker Bldg., San Francisco.

Contractor...American Marble & Mosaic Co., 25 Columbia Square, San Francisco.

Filed Apr. 28, '14. Dated Apr. 20, '14.

On 15th of each month.....75%
Usual 35 days.....25%

TOTAL COST, \$1865

Bond, \$932.50. Surety, Globe Indemnity Co. Limit, as work progresses. Forfeit, none. Plans and specifications filed.

(1479) SHEET METAL WORK AND roofing, skylights, etc., on above.

Contractor...Capitol Sheet Metal Works, 1927 Market, San Francisco.

Filed Apr. 28, '14. Dated Mar. 31, '14.

Payments same as above.....

TOTAL COST, \$3975

Bond, \$2000. Surety, Southwestern Surety Ins. Co. Limit, June 1. Forfeit, none. Plans and specifications filed.

(1480) EXPOSITION SITE. Excavating, concrete, carpenter, holt setting, laying of rails, etc., for an aerospace Owner.....Pacific Aerospace Co.

Engineer...J. B. Strauss & A. J. Bain, Phelan Bldg., S. F.

Contractor...Chas. Wright, 25 Stockton, San Francisco.

Filed Apr. 29, '14. Dated Apr. 16, '14.

Payments every 2nd week.....75%
Usual 35 days.....25%

TOTAL COST, \$2300

Bond, \$1150. Surety, Fidelity & Deposit Co. of Maryland. Limit, June 15. Forfeit, \$25. Plans and specifications filed.

(1481) ON EXPOSITION SITE. Excavating, carpenter, roofing, metal work, exterior and interior plaster, operating room, painting, glazing, hardware, plumbing, gas fitting, electric wiring for Exposition building for Grand Trunk Railway System.

Owner.....Grand Trunk System of Montreal.

Architect...Ross & Macdonald.

Contractor...Lange & Bergstrom, Sharon Bldg., San Francisco.

Filed Apr. 29, '14. Dated Mar. 31, '14.
 Frame up\$4000
 Roof on and exterior stuff and
 plaster on 4000
 Completed 2500
 Usual 35 days 1435

TOTAL COST, \$11,935

Bond, none. Limit, 110 days. Forfeit, none. Plans and specifications filed.

(1482) E THIRTY-FIRST AVE 200 N
 Clement E 159-6 N 25 N 158-6 th 25
 to beg. Alterations and additions to
 present building into 2 flats and erect
 a one-story and basement cottage in
 rear.

Owner.....Fred Arnold, 364 31st Ave.,
 San Francisco.

Architect...Geo. M. Cantrell, 1298
 Haight, San Francisco.

Contractor..E. W. Elliot, 180 Jessie,
 San Francisco.

Filed Apr. 29, '14. Dated Apr. 29, '14.
 Frame of cottage up and boarded
 and partitions set\$975
 Plastered 975
 Completed and accepted 975
 Usual 35 days 975

TOTAL COST, \$3300

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(1483) W COLE 90 N Grove N 30xW
 106-3. All work except glass and glaz-
 ing, lath and plaster, plumbing, elec-
 tric wiring, heating, wall beds, finish
 hardware, lighting fixtures, window
 shades for three-story frame apart-
 ments.

Owner.....Mrs. Nellie Ryan, 2157
 Hayes, San Francisco.

Architect...M. Mattanovich, Hewes
 Bldg., San Francisco.

Contractor..V. Filippis, 886 Union,
 San Francisco.

Filed Apr. 29, '14. Dated Apr. 29, '14.
 Foundation walls and piers in.....\$1000
 Frame up 2000
 Ready for lathing 1700
 Completed and accepted 2021
 Usual 35 days 2237

TOTAL COST, \$8958

Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(1484) E THIRD AVE 200 N Anza N
 25x E 120. All work for two-story and
 basement frame flats.

Owner.....Jos. Coleman, 462 3rd Ave.,
 San Francisco.

Architect...None.

Contractor..John V. Stiefel, 633 Anza,
 San Francisco.

Filed Apr. 29, '14. Dated Apr. 22, '14.
 Frame up\$1141
 Brown coated 1141
 Completed 1142
 Usual 35 days 1142

TOTAL COST, \$4556

Bond, \$2283. Sureties, P. Boien and

Mark I. Hart. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(1485) NO. 2239 FILLMORE. Add 1-
 story frame.

Owner.....W. J. Brennan, Premises.

Architect...None.

Contractor..Kenneth McLeod 3611 22d,
 San Francisco.

COST, \$400

(1486) NO. 1011-17 FOLSOM. Straight-
 en building.

Owner.....M. Fisher Co., Sutter and
 Montgomery, S. F.

Architect...None.

Contractor..D. J. and T. Sullivan, 1942
 Folsom, San Francisco.

COST, \$400

(1487) NO. 933 MARKET. Electric
 sign.

Owner.....Port Arthur Cafe, Prem.

Architect...None.

Contractor..Brumfield Elec. Sign Co.,
 18 7th, San Francisco.

COST, \$450

(1488) NW GOLDEN GATE AVE &
 Jones. Electric sign.

Owner.....S. F. Moose Hall Ass'n.,
 Premises.

Architect...None.

Contractor..Brumfield Elec. Sign Co.,
 San Francisco.

COST \$403

(1489) NW TWENTY-FOURTH AND
 Valencia. Alter fronts of 2 stores.

Owner.....E. M. Schenkel, 839 Phe-
 lian Bldg., S. F.

Architect...Arthur G. Scholz, 839
 Pheasant Bldg., S. F.

Contractor..Currie & Currie, 1215 3rd
 Ave., San Francisco.

COST, \$850

(1490) S HEYMAN 70 E Coleridge.
 One-story and basement frame dwlg.

Owner.....Mr. and Mrs. J. A. Andren,
 209 Prospect, S. F.

Architect...None.

Contractor..Elmer Carlson, 209 Pros-
 pect Ave., S. F.

COST, \$2260

(1491) E TWENTY-FIRST AVE 244 S
 Lake. Minor alterations on apart-
 ment house.

Owner.....N. R. Coulter, 146 21st Ave.,
 San Francisco.

Architect...None.

Day's work COST, \$500

(1492) NOS. 3116-18 WASHINGTON
 Erect partition, alter entrance and
 general repairs.

Owner.....E. A. Sandstrom, Prem.

Architect...A. E. Hornlein, 754 Pacific
 Bldg., San Francisco.

Day's work COST, \$600

(1493) W HARVARD 125 S Ploche.
 One-story and basement frame dwlg.

Owner.....Julius Calmer, 377 3rd,
 San Francisco.

Architect...None.

Day's work COST, \$450

(1494) SW HAYES AND SCOTT. Alter
 apartments.

Owner.....Mrs. John A. Russell, Room
 455, City Hall, S. F.

Architect...None.

Contractor..Mr. Byrne.

COST, \$500

(1495) N GREEN 81 E Octavia. One-
 story and basement brick garage

Owner.....S. J. Sterner, 125 4th Ave.,
 San Francisco.

Architect...None.

Day's work COST, \$7500

(1496) N FULTON 45 E 10th Ave.
 Two-story and basement frame dwlg.

Owner.....F. Nelson, 30 Presidio Ter-
 race, San Francisco.

Architect...None.

Day's work COST, \$2500

(1497) W FIFTEENTH AVE 175 N
 California. Two-story and basement
 frame dwelling.

Two-story and basement frame dwlg.
 Owner.....F. Nelson, 30 Presidio Ter-
 race, San Francisco.

Architect...None.

Day's work COST, \$2500

(1498) SW CALIFORNIA & SANSOME
 W 87-8xS 87-6. Delivery on side

walk of terra cotta work for three-
 story and basement Class "A" brick,

terra cotta and steel office building.

Owner.....Fireman's Fund Insurance
 Co., Insurance Exchange
 Bldg., San Francisco.

Architect...Lewis Hobart, Crocker
 Bldg., San Francisco.

Contractor..Gladding McBean Co.,
 Bldg., San Francisco.

Filed Apr. 30, '14. Dated Apr. 13, '14.

On 15th of each month 75%

Usual 35 days 25%

TOTAL COST, \$16,175

Bond, \$16,175. Sureties, P. McG. Mc-
 Bean and A. J. Gladding. Limit, Sept. 1,
 1914. Forfeit, \$50. Plans and specifi-
 cations filed.

(1499) FOUNDATIONS, WATER-
 proofing and fireproofing on above.

Contractor..Farrell & Reed, M. A.
 Gunst Bldg., S. F.

Filed Apr. 30, '14. Dated Apr. 13, '14.

Payments same as above.....

TOTAL COST, \$19,440

Bond, \$9720. Surety, The Aetna Acci-
 dent & Liability Co. Limit, Sept. 1, '14.

Forfeit, \$25. Plans and specifications
 filed.

(1500) EXCAVATING, SHORING,
 bulkheading, etc., on above.

Contractor..The Daniel O'Day Co., 14th
 and Belcher, San Francisco.

Filed Apr. 30, '14. Dated Apr. 14, '14.

Payments same as above.....

TOTAL COST, \$3750

Bond, \$1875. Surety, The Aetna Acci-
 dent & Liability Co. Limit, June 15,

1914. Forfeit, \$25. Plans and specifi-
 cations filed.

(1501) DELIVERY, ERECTING,
 riveting and painting of structural
 steel and iron bases on above.

Contractor..Western Iron Works, 141
 Beale, San Francisco.

Filed Apr. 30, '14. Dated Apr. 13, '14.

Payments same as above.....

TOTAL COST, \$22,200

Bond, \$11,100. Surety, Massachusetts
 Bonding & Insurance Co. Limit, Aug.

10, '14. Forfeit, \$50. Plans and specifi-
 cations filed.

(1502) BRICK WORK AND SETTING
 of terra cotta and terra cotta pat-
 terns on above.

Contractor..Farrell & Reed, M. A.
 Gunst Bldg., San Francisco.

Filed Apr. 30, '14. Dated Apr. 13, '14.

Payments same as above.....

TOTAL COST, \$14,000

Bond, \$7000. Surety, The Aetna Acci-
 dent & Liability Co. Limit, Sept. 15,

Forfeit, \$25. Plans and specifications
 filed.

(1503) W COLE 90 N Grove N 30xW
 106-3. Glazing, glass, lath and plaster,

plumbing, electric wiring, heating,
 wall beds, finish hardware, lighting

fixtures, window shades for three-
 story frame apartments.

Owner.....Mrs. Nellie Ryan, 2157
 Hayes, San Francisco.

Architect...M. Mattanovich, Hewes
 Bldg., San Francisco.



THE TIVOLI THEATRE
San Francisco

O'Brien & Werner, Architects
San Francisco



THE GAIETY THEATRE
San Francisco

O'Brien & Werner, Architects
San Francisco

Contractor...Beach & Heffernan, Hewes Bldg., San Francisco.
 Filed Apr. 30, '14. Dated Apr. 29, '14.
 Plumbing and heating installed...\$1200
 Brown coated 800
 Plaster finished and windows glazed 2000
 Completed and accepted..... 885
 TOTAL COST, \$4885
 Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(1504) ON EXPOSITION SITE. All work except acoustic correction, plumbing, water supply, heating, ventilating, gas piping and electric wiring for construction of Festival Hall
 Owner.....Panama-Pacific International Exposition Co., Service Bldg., San Francisco.
 Architect...Robt. D. Farquhar.
 Contractor...McLeran & Peterson, Sharon Bldg., San Francisco.
 Filed Apr. 30, '14. Dated Apr. 29, '14.
 As work progresses..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$177,275
 Bond, \$95,000. Surety, Pacific Coast Casualty Co. Limit, 200 days. Forfeit, \$150. Plans and specifications filed

(1505) NO. 552 DOUGLAS. Move and raise cottage, add store and two rooms, concrete foundation and new front.
 Owner.....James Casey, Premises.
 Architect...None.
 Day's work. COST, \$500

(1506) S CLEMENT 50 W Sixth Ave. Frame office and shelves.
 Owner.....H. Tittle, — Common-wealth Ave., San Francisco.
 Architect...None.
 Contractor...L. Arthur & Son, 1330 1st Ave., San Francisco.
 COST, \$400

(1507) SIXTEENTH & ILLINOIS. Construct (3 pen) stock corral.
 Owner.....Southern Pacific Co., 3rd and Townsend, S. F.
 Architect...None.
 Day's work. COST, \$400

(1508) NO. 774 MARKET. Erect gallery and stairs.
 Owner.....E. Wobber, Premises.
 Architect...None.
 Contractor...Daniel O'Neil, 278 Natoma, San Francisco.
 COST, \$500

(1509) NO. 285 CHESTNUT. New front, alter and change flats.
 Owner.....J. D. Brown, Humboldt Bk Bldg., San Francisco.
 Architect...F. A. Gawthorne, 1650 California, San Francisco.
 Contractor...Johnston & Co., 1776 12th Ave., San Francisco.
 COST, \$1000

(1510) S MOSCOW 225 NE Persia. One-story and basement frame dwlg.
 Owner.....John T. Grace, 1013 Rhode Island, San Francisco.
 Architect...None.
 Day's work. COST, \$1250

(1511) SE HAIGHT & WEBSTER. Alter and minor repairs for store.
 Owner.....J. W. Tamm, 391 Haight, San Francisco.
 Architect...None.
 Contractor...J. N. Bailey, 310 Excelsior Ave., San Francisco.
 COST, \$400

(1512) NW MOULTRIE & TOMPKINS. Raise and add store under building.
 Owner.....Carlo Barberis, Premises.
 Architect...None.
 Day's work. COST, \$400

(1513) NO. 12 VICKSEBURG. General repairs and alterations on dwlg.
 Owner.....Mrs. Brennan, Premises.
 Architect...None.
 Contractor...L. G. Bergren & Son, 209 Sanchez, San Francisco.
 COST, \$1000

(1514) S PACIFIC 90 E Taylor. Foundations and cement floors only for 6 apartments.
 Owner.....H. G. Romano, 1669 Pacific, San Francisco.
 Architect...Paul F. De Martini, 2123 Powell, San Francisco.
 Day's work. COST, \$400

(1515) NO. 2720 SAN JOSE AVE. Move dwelling and general alterations and repairs.
 Owner.....John Dalton, Spring Valley Property, Lake Merced.
 Architect...None.
 Contractor...Brochage, Foley & Green 1326 Natoma, S. F.
 COST, \$1000

(1516) W HOLLADAY 50 S Costa. Add two rooms and minor changes on dwelling.
 Owner.....John Planka, Premises.
 Architect...None.
 Contractor...F. & J. Nelsen Bros., 2350 Bryant, San Francisco.
 COST, \$450

(1517) W TWENTY-FIRST AVE 300 N Clement. Two-story and basement frame dwelling.
 Owner.....Mrs. Mary A. Donovan, 470 Sanchez, San Francisco.
 Architect...None.
 Day's work. COST, \$1700

(1518) NO. 2299 SUTTER. Alter front
 Owner.....J. J. Keegan, Premises.
 Architect...None.
 Day's work. COST, \$400

(1519) NO. 641 HAYES. Alter flat and add bath and toilet.
 Owner.....J. and M. Silvey, Premises.
 Architect...None.
 Contractor...F. J. Durham, 1443 Fillmore, San Francisco.
 COST, \$400

(1520) E SIXTEENTH AVE 273 S Anza. Two-story and basement frame dwelling.
 Owner.....Fred K. Perry, 554 40th Ave., San Francisco.
 Architect...None.
 Day's work. COST, \$1800

(1521) N PERSIA 75 E Moscow. One and one-half-story and basement frame dwelling.
 Owner.....Geo. F. Voight, 276 29th, San Francisco.
 Architect...None.
 Day's work. COST, \$1800

(1522) NO. 322 BROADWAY. Excavate and alter shop.
 Owner.....A. Rossi & Co., Premises.
 Architect...None.
 Day's work. COST, \$600

(1523) NO. 1523 VALENCIA. Move, alter and repair dwelling.

Owner.....Mrs. C. R. Price, Premises.
 Architect...None.
 Contractor...C. C. Bonde, 131 Richland Ave., San Francisco.
 COST, \$700

(1524) N GOLDEN GATE AVE 43-4 E Pierre; No. 1484 Golden Gate Ave. Alterations and additions to two-story frame building.
 Owner.....Mrs. W. H. Dooley.
 Architect...None.
 Contractor...Anderson & Co., 1623 Eddy, San Francisco.

Filed May 1, '14. Dated Apr. 20, '14.
 Framing work done.....\$395
 Brown coated 396
 Completed and accepted..... 396
 Usual 35 days..... 396
 TOTAL COST, \$1583
 Bond, none. Limit, 36 days after May 4. Forfeit, none. Plans and specifications filed.

(1525) EXPOSITION SITE. Heating, ventilating and gas piping for Festival Hall.
 Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.
 Architect...Robert D. Farquhar.
 Contractor...Scott Co., 243 Minna, S. F.

Filed May 1, '14. Dated Apr. 28, '14.
 As work progresses..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$4519
 Bond, \$3000. Surety, National Surety Co. Limit, 200 days. Forfeit, \$25. Plans and specifications filed.

(1526) NW TWENTY-FOURTH AND Valencia N 65xW 90 M B 58. Altering and repairing two stores.
 Owner.....Elizabeth M. Schenkel, 224 Bartlett, San Francisco.
 Architect...Arthur G. Scholz, 339 Phelan Bldg., San Francisco.
 Contractor...Currie & Currie, 1215 3rd Ave., San Francisco.

Filed May 1, '14. Dated Apr. 29, '14.
 Completed and accepted.....\$550
 Balance 550 in \$50 installments monthly, interest at 7% per year
 TOTAL COST, \$1100
 Bond, \$1000. Sureties, J. W. Schouten and J. H. McCallum. Limit, 40 days after May 1. Forfeit, \$5. Plans and specifications filed.

(1527) E TWENTY-FIRST AVE 275 S Anza S 25x E 120. All work for two-story and basement frame residence.
 Owner.....Mrs. Lottie E. Hawton, 1160 Vallejo, San Francisco
 Architect...None.
 Contractor...Leigh & Schultz, 330 8th Ave., San Francisco.

Filed May 1, '14. Dated Apr. 29, '14.
 Walls up and roof on.....\$725
 Brown coated 725
 Completed and accepted..... 725
 Usual 35 days..... 725
 TOTAL COST, \$2900
 Bond, none. Limit, 90 days. Forfeit, \$1. Plans and specifications filed.

(1528) E POWELL, bet California and Sacramento; No. 830 Powell. Holding up, excavating, cribbing, general repairs on lot.
 Owner.....M. T. Borneque.
 Architect...W. H. Crim Jr., 425 Kearny, San Francisco.
 Contractor...D. J. & T. Sullivan, 1942 Folsom, San Francisco.
 Filed May 1, '14. Dated Apr. 30, '14.

On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, not to exceed \$2200
Bond, \$1100. Surety, The Aetna Accident & Liability Co. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(1529) NE ARMY & GUERRERO N 26-6XE 80. All work for three-story and basement apartment building and six-room residence.

Owner.....Julius J. Thiebaut, 861 Polson, San Francisco.
Architect...Rousseau & Rousseau, Monadnock Bldg., S. F.
Contractor...John Little, 1271 5th Ave., San Francisco.
Filed May 1, '14. Dated Apr. 30, '14.
Frame up\$2725
Brown coated 2725
Completed and accepted..... 2725
Usual 35 days..... 2725
TOTAL COST, \$10,900
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1530) NO. 44 FIFTH AVE. Repair wall and cement steps.
Owner.....Heary Darbow, Premises.
Architect...None.
Contractor...Barrett & Hild, 422 Sharon Bldg., San Francisco.

COST, \$400

(1531) E CONNECTICUT 50 N 18th. Two-story frame office.

Owner.....Jarvis Steam & Elec. Eng. Co., 275 Connecticut, S. F.
Architect...O. E. Evans, 2367 Mission, San Francisco.
Contractor...G. Cavaglieri, 592 Potrero Ave., San Francisco.

COST, \$650

(1532) E MOSCOW 100 N Persia. One and one-half-story and basement frame dwelling.

Owner.....Geo. F. Voight, 276 29th, San Francisco.
Architect...None.
Day's work..... COST, \$1800

(1533) S FELTON 90 W Hamilton. One-story and basement frame dwlg.

Owner.....E. Muzia, 61 Alvarado, S. F.
Architect...None.
Contractor...Carraro Co., 756 Felton, San Francisco.

COST, \$1600

(1534) S EIGHTEENTH 150 W Pennsylvania Ave. Two-story and basement frame (4) flats.

Owner.....C. F. Adams, 505 Pennsylvania Ave., S. F.
Architect...H. Bauman, 151 Dolores, San Francisco.
Contractor...E. A. Janssen, 929 Hearst Bldg., San Francisco.

COST, \$5000

(1535) E LEE AVE 100 N Grafton. One-story and basement frame dwlg.

Owner.....T. Webb, 222 Raymond Ave., San Francisco.
Architect...None.
Contractor...T. H. Parry, 222 Raymond Ave., San Francisco.

COST, \$1350

(1536) S ALVARADO 105 W Castro. One and one-half-story and basement frame dwelling.

Owner.....Nellie Mullen, Daly City.
Architect...None.
Contractor...Chas. H. Mullen, Daly City.

COST, \$2500

(1537) N O'FARRELL 91-6 E Larkin E 46XN 137-6. All work except light fixtures (furnished by owner) for two-story and part basement brick lodging house.

Owner.....Ellen E. Herrin, Mutual Bank Bldg., S. F.
Architect...W. Jones Cuthbertson, 328 Montgomery, San Francisco.
Contractor...A. Dahlberg, 3525 Sacramento, San Francisco.

Filed May 2, '14. Dated Apr. 30, '14.
Walls up to 2nd floor joists.....\$3052.43
Brick work completed..... 3053.43
Brown coated 3053.43
Completed and accepted..... 3053.43
Usual 35 days..... 4071.28
TOTAL COST, \$16,285.00

Bond, none. Limit, 112 days. Forfeit, \$10. Plans and specifications filed.

(1528) ON EXPOSITION SITE. Concrete, carpenter, roofing, mill, painting, glazing, metal work, lath, stucco galvanized iron, tin and gas fitting for two-story building known as Indiana State Building.

Owner.....Panama-Pacific Exposition Commission for State of Indiana (Wm. P. O'Neill, Chairman).
Architect...J. T. Johnson & Co.
Contractor...Foster-Vogt Co., Sharon Bldg., San Francisco.

Filed May 2, '14. Dated May 1, '14.
On 1st day of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$20,597
Bond, none. Limit, 6 months. Forfeit, \$100. Plans and specifications filed.

(1539) E COMMONWEALTH AVE 445 S Euclid AVE E 155-0% S 40-2½ W 159-1½ N 40. All work for two-story and basement frame residence.

Owner.....Sophie C. Gerson, 1528 Sutter, San Francisco.
Architect...Chas. C. Frye, 20 Montgomery, San Francisco.
Contractor...Roberts & Woolfrey, 1245 19th Ave., San Francisco.

Filed May 2, '14. Dated May 1, '14.
Frame completed\$1685
Rough plaster on outside and inside 1685
Completed and accepted..... 1690
Usual 35 days..... 1690
TOTAL COST, \$6750

Bond, \$3975. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

(1540) E TWENTY-FIRST AVE 300 S Lincoln Way. All work for one and one-half-story and basement frame building.

Owner.....Angelita Lindsay, 1239 24th Ave., San Francisco.
Architect...Plans by Contractor.
Contractor...McArthur Bros., 1560 Fell, San Francisco.

Filed May 2, '14. Dated Apr. 30, '14.
Frame up and roof boards on.....\$625
Plumbing roughed in and brown coated 625
Completion filed 625
Usual 35 days..... 625
TOTAL COST, \$2500

Bond, \$1250. Surety, Pacific Coast Casualty Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(1541) EXPOSITION SITE. Erection of Swedish Building.

Owner.....R. Bernstrom Commission-

er General of Sweden to Panama-Pacific International Exposition.

Architect...August Nordin, Mills Bldg., San Francisco.

Contractor...Lange & Bergstrom, Sharon Bldg., San Francisco.

Filed May 2, '14. Dated Apr. 27, '14.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$37,700

Bond, \$18,850. Surety, The Aetna Accident & Liability Co. Limit, Feb. 20, 1915. Forfeit, \$50. Plans and specifications filed.

COMPLETION NOTICES.

San Francisco.

Apr. 21, 1914—NW MASONIC AVE & St. Roses W 60XN 65. J. M. Lettich (Lessee) to Jacques Narberbury.

.....April 20, 1914

Apr. 25, 1914—N MISSION AND NEW Montgomery th at angle NW along NE New Montgomery 160-1¼ to SE Jessie NE 138 SE to NW Mission 160 SW 143-10¼. Central Realty Co to G P W Jensen.

.....April 23, 1914

Apr. 25, 1914—SE VAN NESS AVE & Bush S 31XE 59. Minnie P. Shottwell to James H. Pinkerton.

.....April 25, 1914

Apr. 25, 1914—SE MUNICH AND Amazon 90 on Munich and 25 on Amazon Ave Lot 10 Blk 45 Crocker Amazon Tract. G. Armano to Joe Perasso.

.....April 3, 1914

Apr. 25, 1914—LOT 12 Sub of Westerly ½ of Richmond Blk 2952. Pockman & Co to whom it may concern.

.....April 10, 1914

Apr. 25, 1914—SW FILLMORE AND Filbert W 100XS 35-6. R. W. and Geo H. Schmidt to M. M. Finlayson.

.....April 21, 1914

Apr. 27, 1914—NE WASHINGTON & Davis N 120XE 70. Davis Street Realty Co to L. Gilbertsen and F. A. John.

.....April 21, 1914

Apr. 27, 1914—NE WASHINGTON & Davis N 120XE 70. Davis Street Realty Co to Pacific Rolling Mill Co.

.....April 21, 1914

Apr. 27, 1914—W DELMAR 100 S Frederick S 30xW 86-3. Elizabeth S. Burling to George Healing.

.....April 22, 1914

Apr. 27, 1914—NE WASHINGTON & Davis N 120XE 70. Davis Street Realty Co to Stanquist & Forbes.

.....April 21, 1914

Apr. 27, 1914—E TWENTY-SEVENTH AVE 220 S Geary S 25XE 120. Geo. F. and wife Lucy L. Cleese to whom it may concern.

.....April 24, 1914

Apr. 28, 1914—S CALIFORNIA 137-6 E Broderick E 27-6XS 127-6. W. F. Roberts to Henry Conrad.

.....April 28, 1914

Apr. 28, 1914—W CAPP 185 N 22nd N 30xW 122-6. William F. Altwater to L. G. Bergen & Son.

.....April 27, 1914

Apr. 28, 1914—NW BUCHANAN AND Post N 50xW 65. J. K. Nakagawa Lessee, to Daniel O'Neill.

.....April 25, 1914

Apr. 28, 1914—N POST 127-6 E Jones N 137-6 W 85 S 127-6 E 85. Matilda Cerf to Clinton Fireproofing Co.

.....April 25, 1914

Apr. 28, 1914—SE MARKET 365 SW from SW Brady SW 24 th nearly at right angle SW 124 m or l and intersecting NW Stevenson at a pt 371 SW Brady NE 23 NW 124 m or l

Carmel Fallon to Wittman Lyman & Co. April 27, 1914
 Apr. 29, 1914—E WEBSTER, det. Sacramento and Clay. Board of Trustees of Leland Stanford Jr University to Jas H Pinkerton. April 24, 1914
 Apr. 29, 1914—S CLEMENT 32-6 W 6th Ave W 25xS 100. J A Allen to W W Rednall. Apr. 28, 1914
 Apr. 29, 1914—SW POST & POWELL W 137-6 S 63-6 E 69-7 N 6 — 6 E 67-11 W 57. Crocker Hotel Co to Colusa Sandstone Co. Apr. 20, 1914
 Apr. 29, 1914—SE MARKET 365 SW Brady SW 34 SW 124 m or 1 NE 23 NW 124 m or 1. Carmel Fallon to Otis Elevator Co. Apr. 28, 1914
 Apr. 29, 1914—S LAWTON 45 W 11th Ave W 25xS 100. Lucy D O'Brien to whom it may concern. Apr. 29, 1914
 Apr. 29, 1914—E EIGHTH AVE 56 N Lawton. F W Goetz to John J Bluet Co. April 20, 1914
 Apr. 30, 1914—E FORTY-SIXTH AVE 100 S Caballo. Ernest E Ryder to whom it may concern. Apr. 30, 1914
 Apr. 30, 1914—E TWENTY-SECOND AVE 300 N Clement 25x120. M F Nolan to whom it may concern. April 24, 1914
 Apr. 30, 1914—W NINTH AVE 300 N "C" N 50xW 100. Samuel Weinstein to Lacey Bros, H Williams, American Elec & Eng Co and Barman Bros. Apr. 28, 1914
 Apr. 30, 1914—W BELVEDERE 100-10% N Carmel N 25-0% W parallel with N Carmel 96-8% S parallel with E Cole 25-1 E parallel with Carmel 96-7%. Andrew Lyon to whom it may concern. Apr. 29, '14
 Apr. 30, 1914—W WHITNEY 400 S 30th S 25x125. Charles G Anderson to Charles G Anderson. Apr. 29, 1914
 Apr. 30, 1914—SW CONCORD 90 NW Morse SW 30x90. Gust Mallard to Charles Anderson. Apr. 25, 1914
 Apr. 30, 1914—S LINCOLN WAY 58-6 E 4th Ave E 26xS 95. John S Purcell to whom it may concern. Apr. 29, 1914

LIENS FILED.

San Francisco.

Apr. 23, 1914—N O'FARRELL 50 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. Fibrestone & Roofing Co vs The Young & Swain Baking Co, Geo A Burch, Victor Hoffman (as Burch & Hoffman Co) \$393
 Apr. 27, 1914—NE FULTON AND Parker Ave E 175xN 275. Nephi Piaster & Mfg Co vs The President & Board of Trustees of St. Ignatius College \$588.50
 Apr. 27, 1914—S ANZA 29-1 E 24th Ave S 100x E 25. Wm H Meyers vs D H Cameron, Agt for Eva Hughes (wf Jno E) \$58
 Apr. 28, 1914—S HILL 330-5 W Church W 25xS 114. Joseph G Gallagher vs William J Guilfoyle. \$31
 Apr. 30, 1914—LOT 56 Gift Map No. 3. The Greater City Lumber Co vs Nels P and Anna Paulson. \$587.95
 Apr. 30, 1914—SE PINE & LEAVENWORTH E 27-6xS 87-6. San Francisco Metal Stamping & Corrugating Co vs Theodore E Rulfs and Louis Helpner (as Helpner Sheet Metal Works) \$33.40
 Apr. 30, 1914—E VALENCIA 34-5 N 24th E 117-6xN 25. Mission Lumber

Co vs John Sullivan and A W Burnett \$43.07
 Apr. 30, 1914—E BRYANT 143 N 21st N 25x E 100. G Trifiletti vs Ray J Ritchie \$478

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, none. Owner, D. E. Bigelow. 2333 Channing Way, Berkeley. The building has been designed to contain 24 rooms, which will be erected on the north side of Channing Way west of Dana. Interior finish will be of pine and redwood with some oak floors. There will be a central heating system and wall beds. All apartments will have private bath rooms. A hot water system will also be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

GARAGE—2 story and base, brick, \$10,000. Oakland, Cal. Architect, Frederick Soderberg, Union Bank Bldg., Oakland. Owner, W. H. Greuner. The building will be erected at the corner of Brook and Broadway and will be used as a commercial garage. The building will cover an area of 59 by 100 feet. There will be a cement floor, steel roof trusses and metal window sash and frames. Interior finish will be of pine throughout. Special gasoline storage tanks are specified. Exterior will be faced with cement plaster. Plans are complete and figures are being taken. All parts of the work will be segregated.

LODGE HALL—2 story and base, concrete and frame, \$15,000. Livermore, Alameda Co., Cal. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, Livermore Foresters' Hall Association. The building will have reinforced concrete walls and frame interior construction. There will be several lodge rooms, ball room and auditorium, besides the offices of the organization. Interior finish will be of pine with a maple floor in the ball room. Plans provide for a central heating system. Exterior will be finished with cement plaster. Plans are complete and figures are now being taken.

RESIDENCE—2 story and base, frame, \$5,000. Berkeley, Alameda Co., Cal. Architect, Leonard H. Ford, 2136 Center street, Berkeley. Owner, Caroline Wolbold. The house will be erected in Claremont Tract and has been designed to contain seven rooms, bath and sleeping porch. Interior will be finished in pine, redwood and hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Charles H. Bebb, Denny Bldg., Seattle. Owner, Mrs. Annie H. Lewis. The house

will be erected in Claremont Park on lot 7, block 5, and has been designed to contain eight rooms, two baths and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. Automatic water heaters will be installed. Bath rooms will have tile floors and wainscot and will be equipped with showers. Exterior of the house will be covered with cement plaster on metal lath. Plans have been revised and new figures are being taken.

FRATERNITY HOUSE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, Delta Chi Chapter House Association, Inc. The building, designed for a large residence, will be erected on lots 6 and 7 in the Simons property. There will be in the neighborhood of 20 rooms and a number of baths. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have tile floors and wainscot and will be equipped with showers. Automatic water heaters will be installed. Hardwood floors will be used in the principal rooms. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCE—2 story and base, frame, \$4,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, E. B. Spitts, 2154 Ashby street, Berkeley. The dwelling will be erected on Indian Park near San Diego street, and has been designed to contain six rooms and bath. Interior finish will be of pine and hardwood with oak floors in the living room, dining room and reception hall. There will be open fire places and tile mantels. Furnace heat is also specified. Bath room will have tile wainscot and composition floor. An automatic water heater is specified. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$3,500. Berkeley, Alameda Co., Cal. Architect, none. Owner, D. S. Glover, 2445 Webster street, Berkeley. The house has been designed for a ten-room dwelling and will be erected on the north side of Webster street west of Regent. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$30,000. Berkeley, Alameda Co., Cal. Architect, Henry Cutterson, 50 Post street S. F. Owners, Delta Kappa Epsilon Chapter House Association. The building will be erected at the foot of Piedmont avenue and has been designed similar to a large residence.

There will be in the neighborhood of twenty rooms and several baths. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile floors and wainscot and will be equipped with showers. Exterior of the house will be covered with cement plaster on metal lath. Only preliminary plans have been prepared and construction will not be started for at least three months.

Bids On University Farm Work Opened.

Regents of the University of California
Open Bids for Two-story Brick
Building at Davis.

Regents of the University of California opened bids on April 30th for constructing a two-story brick and steel class room building, 90x152 feet, which is to be erected at the University Farm at Davis, Yolo County. The structure was designed by Architects Cunningham & Politeo, First National Bank Bldg., San Francisco. Eighteen sets of figures were submitted, the lowest by J. W. Carr of this city at \$47,340. No contract has been awarded.

Following is a complete list of the bids as opened:

Class Room Building at Davis.

W. W. Hayes.....	\$54,975
A. A. Newsum.....	49,977
J. W. Carr.....	47,340
H. H. Wilhelm.....	53,883
Pelchaert & Ambrose.....	61,969
Caldwell & Co.....	53,355
Pringle, Dunn & Co.....	54,950
McGillivray Constr. Co.....	55,930
E. W. Book.....	59,874
E. A. Klyce.....	56,985
Boyd, Kerr & McLean.....	50,995
D. J. Duffy.....	55,067
H. J. Klenek.....	55,210
Carnahan & Mulford.....	52,389
H. S. Williams.....	51,215
O. F. Fischer.....	51,990
William Bruce.....	57,417
J. Kuykendall.....	54,978

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Amt.
1065	Lowry	Saxton	500
1065	Boschine	Silva	1075
1068	Pfrang	Pfrang	2500
1069	Same	Same	2500
1069	Bischoff	Bischoff	2500
1071	Wilson	Hedeen	450
1072	Coward	Coward	2500
1073	Cal Pottery	Owner	1500
1077	Stocker	Hamblen	3500
1081	Pinal Oil	Pinal Oil	400
1081	Mangini	Legault	1000
1082	Sweeney	Bartlett	00
1083	Fuller	Chase	3000
1083	Zerweck	Zerweck	2450
1085	James	James	2500
1086	Delger	Schnebley	750
1089	Crestello	Perova	1500
1090	Martin	Crow	2300
1092	Graham	Bacus	1000
1103	Mangini	Legault	2250
1104	Moore	Moore	2200
1105	Young	Young	2000
1106	Larmer	Larmer	2500
1107	Rodrigue	Rodrigue	1200
1108	Cooke	Almquist	1975
1110	Plymouth	Artlett	40000
1110	Key Route	Chase	4623
1111	Reed	Barton	6300
1115	Davis	Johnson	400
1116	Bowen	Sorenson	600
1117	Moller	Olson	1500

1118	Greuner	Greuner	15000
1119	Taylor	Taylor	400
1120	Myers	Rundues	1600
1136	Key Route	Owner	1000
1137	Same	Same	2200
1138	Same	Same	1500
1139	Same	Same	800
1140	Biondi	Amoroso	1200
1141	Hoffschneider	Owner	1000
1142	Davis	Johnson	325
1143	Giani	Grimmins	1600
1144	Tesio	Baughman	2500
1145	Dunn	Schnebley	8157

(1065) NO. 4252 TERRACE, Oakland.

Alterations.

Owner.....R. Lowry, Premises.

Architect...None.

Contractor...E. Saxton, 4257 Terrace,

Oakland.

COST, \$500

(1066) N SIXTY-FIFTH 270 E Herzog

Oakland. One-story 4-room dwlg.

Owner.....Antonio Boschine, 717 5th,

Oakland.

Architect...None.

Contractor...Silva & Luzane, 2869 Ford,

Oakland.

COST, \$1075

(1068) S THIRTY-FOURTH 150 E

Grove, Oakland. One-story 5-room

dwelling.

Owner.....C. J. Pfrang, 5487 Clare-

mont Ave., Oakland.

Architect...None.

Day's work.

COST, 2500

(1069) S KALES AVE 25 E College

Ave., Oakland. One-story 5-room dwlg

Owner.....C. J. Pfrang, 5487 Clare-

mont Ave., Oakland.

Architect...None.

Day's work.

COST, 2500

(1070) SE FLORIA AND AUBURN

Ave., Oakland. One and one-half-

story 6-room dwelling.

Owner.....Jno. A. Bischoff, 551 Crof-

ton Ave., Oakland.

Architect...None.

Day's work.

COST, \$2500

(1071) NO. 2126 FORTY-EIGHT AVE

Oakland. Addition.

Owner.....J. E. Wilson, Premises.

Architect...None.

Contractor...O. C. Hedeen, 2133 48th

Ave., Oakland.

COST, \$450

(1072) S SHAFTER AVE 440 W Pryal,

Oakland. One-story 6-room dwelling

Owner.....J. Coward, 6081 Claremont

Ave., Oakland.

Architect...None.

Day's work.

COST, \$2500

(1073) S E-TWELFTH 150 W Park

Ave., Oakland. Addition.

Owner.....Cal. Pottery Co., Premises.

Architect...None.

Day's work.

COST, \$1500

(1077) W HADDON ROAD & ATHOL

Ave., Oakland. One and one-half-

story 6-room dwelling.

Owner.....Ralph Stocker, Cr Stocker-

Holland Co., 414 13th, Okd.

Architect...None.

Contractor...Fred Hamblen, 575 43rd,

Oakland.

COST, \$3500

(1080) SW LIVINGSTON & SHELL

Mound, Oakland. Four concrete tank

foundations.

Owner.....Pinal Dome Oil Co., Prem.

Architect...None.

Day's work.

COST, \$400

(1081) W WEST 167 S Apgar, Oak-

land. One-story 5-room dwelling.

Owner.....Antonio Mangini, 429 Mar-

ket, Oakland.

Architect...None.

Contractor...Oliver Legault, 3136 West,

Oakland.

COST, \$2200

(1082) NO. 1317 LINDEN, Oakland.

Alterations.

Owner.....Mrs. Sweeny, Premises.

Architect...None.

Contractor...J. M. Bartlett, 1706 Parker

Oakland.

COST, \$600

(1083) S DELAWARE 200 W Maple

Ave., Oakland. One and one-half-

story 7-room dwelling.

Owner.....H. M. Fuller, 1444 79th

Ave., Oakland.

Architect...None.

Contractor...A. B. Chase, 1521 79th Ave.

Oakland.

COST, \$3000

(1084) N E-FOURTEENTH 80 W 88th

Ave., Oakland. Two-story 9-room

dwelling.

Owner.....Walter Zerweck, 8818 G St.,

Oakland.

Architect...None.

Day's work.

COST, \$2450

(1085) W BEVERLY AVE 80 N Fair-

burn, Oakland. One and one-half-

story 6-room dwelling.

Owner.....Winifred M. James, 3219

Beverly Ave., Oakland.

Architect...None.

Contractor...Robert R. James, 3219

Beverly Ave., Oakland.

COST, \$2500

(1086) S FOURTEENTH 150 W Broad-

way, Oakland. Alterations.

Owner.....Delger Estate.

Architect...None.

Contractor...Schnebley, Hostrawser &

Pedgrift, 6th & Jackson,

Oakland.

COST, \$750

(1089) NO. 707 WASHINGTON, Oak-

land. Alterations.

Owner.....Crestetto Bros., 425 Clay,

Oakland.

Architect...None.

Contractor...John Perona, 674 19th,

Oakland.

COST, \$1500

(1091) E SHATTUCK AVE 38 N 54th,

Oakland. Two-story 8-room flats.

Owner.....Maria G. Martin, Oakland.

Architect...None.

Contractor...J. W. Crow, 511 56th, Okd.

COST, \$3300

(1092) PTN LOTS 10 AND 11 Pied-

mont Springs Tract, Piedmont. All

work for two-story and basement

frame dwelling and garage.

Owner.....Ida Goodridge Graham,

Oakland.

Architect...Albert Farr, 68 Post, S. F.

Contractor...W. E. Whalin, Bacon

Bldg., Oakland.

Filed Apr. 29, '14. Dated Apr. 28, '14.

2nd story joists in place.....\$1000

Ready for plaster.....1300

Plaster completed.....1500

Sash glazed, doors set and 50%

interior finish on ground.....1300

Stairs completed, 90% mill work

completed and finish plumbing on

ground.....1300

Completed and accepted.....1300

36 days after..... \$2500
TOTAL COST, \$10,350
Bond, \$5175. Surety, Fidelity & Deposit Co. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

(1103) W WEST 167.17 N Apgar N 32 xW 116.64, Oakland. All work for one-story 5-room dwelling.
Owner.....Antonio Mangini, 429 Market, Oakland.
Architect...None.
Contractor...Oliver Legault, 3136 West, Oakland.

Filed Apr. 29, '14. Dated Apr. 28, '14.
Frame up 1/4
Brown coated 1/4
Completed 1/4
Usual 35 days..... 1/4
TOTAL COST, \$2200
Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

(1104) N BROOKDALE 130 E Renwick, Oakland. One-story 5-room dwelling.
Owner.....R. E. Moore, 1754 Broadway, Oakland.
Architect...None.
Day's work..... COST, \$2200

(1105) S FIFTY-NINTH 340 W Dover, Oakland. One-story 5-room dwlg.
Owner.....Jas. H. Young, 705 Aileen, Oakland.
Architect...None.
Day's work..... COST, \$2000

(1106) W HADDON ROAD 380 N Clinton Ave., Oakland. One and one-half-story 6-room dwelling.
Owner.....Ed. Larmer, 470 Boulevard Way, Oakland.
Architect...None.
Day's work..... COST, \$2500

(1107) E FORTY-EIGHTH AVE 326 N E-14th, Oakland. One-story 6-room dwelling.
Owner.....J. Rodrige, 1409 47th Ave. Oakland.
Architect...None.
Day's work..... COST, \$1200

(1108) N FIFTIETH 150 E Shafter Ave., Oakland. One-story 3-room dwelling.
Owner.....J. G. Cooke.
Architect...None.
Contractor...A. W. Almuist, 464 43rd, Oakland. COST, \$1975

(1109) E HOWE 300 N Moss Ave., Oakland. Three-story 15-room frame and brick veneer church.
Owner.....Plymouth Congregational Church, Piedmont Ave. and Laurel, Oakland.
Architect...Wm. Knowles, Central Bk. Bldg., Oakland.
Contractor...Arthur Arlett, Dalziel Bldg. Oakland.
COST, \$40,000

(1110) SW TWENTY-SECOND AND Grove, Oakland. Excavation, concrete foundations for three-story and basement Class "C" office building.
Owner.....San Francisco - Oakland Terminal Railways, Syndicate Bldg., Oakland.
Architect...Milwain Bros., Delger Bldg. Oakland.
Contractor...Bacues & Kennedy, 520 Oakland Ave., Oakland.
Filed Apr. 29, '14. Dated Apr. 27, '14.
Tuesday of each week..... 75%

Usual 35 days..... 25%
TOTAL COST, \$4623
Bond, \$2312. Surety, Southwestern Surety Insurance Co. Limit, 30 days. Forfeit, \$50. Plans and specifications filed.

(1111) LOT 22 Map Craig Property, Piedmont. All work for two-story and basement frame dwelling.
Owner.....Rosa Mand Reed.
Architect...Claude B. Barton, Security Bank Bldg., Oakland.
Contractor...C. B. Barton.

Filed Apr. 30, '14. Dated Apr. 28, '14.
Frame up and rafters set.....\$1600
Rough plumbing completed and 1st interior coat plaster on..... 1600
Ready for painter..... 1600
10 days after.....Balance
TOTAL COST, \$3600
Bond, \$3150. Surety, Fidelity & Deposit Co. Limit, 100 days. Forfeit, \$5. Plans and specifications filed.

(1115) No. 682 TWENTY-EIGHTH, Oakland. Alterations.
Owner.....E. Davis, 925 Harrison, Oakland.
Architect...None.
Contractor...O. Johnson, 561 44th, Okd. COST, \$400

(1116) SE SEVENTH & WASHINGTON, Oakland. Sidewalk alterations.
Owner.....Bowen.
Architect...None.
Contractor...J. R. Sorenson, 172 Moss Ave., Oakland. COST, \$600

(1117) N JOHN 50 W Montgomery, Oakland. One-story 5-room dwlg.
Owner.....P. G. Moller, 185 John, Oakland.
Architect...None.
Contractor...O. B. Olsen, 4351 Howe, Oakland. COST, \$1600

(1118) E BROADWAY 165 S Brook, Oakland. One-story brick and frame automobile sales building.
Owner.....W. M. Greuner, 414 14th, Oakland.
Architect...Fred Soderberg, Union Savings Bank Bldg., Okd.
Day's work..... COST, \$15,000

(1119) NO. 439 WALSWORTH, Oakland. Alterations.
Owner.....G. Taylor, Premises.
Architect...None.
Day's work..... COST, \$400

(1120) E EIGHTY-THIRD AVE 300 N E-14th, Oakland. One-story 5-room dwelling.
Owner.....Mrs. Jos. P. Myers, 1610 85th Ave., Oakland.
Architect...None.
Contractor...Frank Kumdrus, 2200 90th Ave., Oakland. COST, \$1600

(1126) W HOLLIS 235 S Yerba Buena Ave., Oakland. Boiler house.
Owner.....San Francisco, Oakland Terminal R. R. 1440 Broadway, Oakland.
Architect...None.
Day's work..... COST, \$1000

(1137) THREE MATERIAL BUNKERS on above.
Day's work..... COST, \$2200

(1138) TWO ASPHALT MIXING plants on above.
Day's work..... COST, \$1800

(1139) MACHINE SHED ON ABOVE.
Day's work..... COST, \$800

(1140) NO. 918 FIFTH, Oakland. Fire repairs.
Owner.....S. Biondi & A. Garnardelli, Premises.
Architect...None.
Contractor...F. A. Amoroso, 1246 Kearny, San Francisco. COST, \$1200

(1141) NW E-TWELFTH AND 13TH Ave., Oakland. Alterations.
Owner.....Wm. Hoffschneider, 1738 34th Ave., Oakland.
Architect...None.
Day's work..... COST, \$1000

(1142) NO. 682 TWENTY-EIGHTH, Oakland. Raising and altering dwlg.
Owner.....Ernest Davis, Oakland.
Architect...None.
Contractor...O. Johnson, Oakland.
Filed May 2, '14. Dated Apr. 29, '14.
One-half completed\$150
Completed 180
TOTAL COST, \$330
Bond, none. Limit, 60 days. Forfeit, none. Plans on'y filed.

(1143) 50 N OF THIRTY-SECOND ST. beginning line N 25xW 100, (as filed), Oakland. All work except sidewalks for one-story 5-room dwelling.
Owner.....Joe Giani, 3459 Haven, Oakland.
Architect...None.
Contractor...J. Grimmins and E Coleman, 3133 Magnolia, Okd.

Filed May 2, '14. Dated May 2, '14.
Frame up 1/4
1st coat plaster on 1/4
2nd day of July 1/4
Usual 35 days..... 1/4
TOTAL COST, \$1600
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications, none.

(1144) LOT 23 BLK 2097 Map Aiden Tract, Oakland. All work for one-story and basement five-room dwelling.
Owner.....Angelo Tesio, 1128 Broadway, Oakland.
Architect...None.
Contractor...J. W. Baughman, 1627 5th Ave., Oakland.

Filed May 2, '14. Dated May 2, '14.
Frame up\$ 750
Completed and accepted..... 750
Usual 35 days..... 1000
TOTAL COST, \$2500

Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

(1145) NE BELLEVUE AVE 292.25 NW Van Buren Ave NW 100 NE 125 SE 100 SW 125, Oakland. All work for two-story and basement frame dwlg.
Owner.....Misses Mary T. and Margaret C. Dunn, 540 21th, Oakland.
Architect...Chas. F. Mau, Macdonough Bldg., Oakland.
Contractor...Schebly, Hostrawser & Pedgrift 6th and Jackson Oakland.

Filed May 2, '14. Dated Apr. 27, '14.
Frame up\$1000
Enclosed and roof on 1000
1st coat plaster on 1000

Get it from Bacon.

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used for moving the
Commercial High
School Building were
furnished by

Edward R. Bacon Co.

CONTRACTORS EQUIPMENT.

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HARRISON ST.,
bet. 8th & 9th
San Francisco**

Telephone Market 337

Ready for painting 1000
Completed and accepted 2117
Usual 35 days 2040
TOTAL COST, \$8157
Bond \$1080. Surety, Southwestern
Surety Insurance Co. Limit, 180 days
Forfeit, none. Plans and specifications
filed.

Building Contracts Awarded.

Berkeley.

No.	Owner	Contractor	Amt.
1067	Bryant	Crane	2500
1074	Bigelow	Bigelow	5000
1075	Cuthill	Button	5000
1076	Glover	Glover	3000
1078	Episcopal Bishop	Knight	2200
1079	Knipschild	Sullivan	375
1087	Peters	Sheridan	500
1088	Peters	Sheridan	2663
1090	Broderick	Peake	1450
1093	Elston	Cal Marble	562
1094	Same	Cap Elec	225
1095	Same	Watts	2876
1096	Same	Franneder	1527
1097	Same	Makin	10350
1098	Same	Zelensky	2382
1099	Same	Okd Mantei	147
1100	Elston	McKibben	1125
1101	Same	Fuller	979
1102	Sifer	Pranks	2340
1112	Wescott	Nickerson	1000

1113	Maccauley	Krieger	400
1114	Gallagher	Livingston	400
1121	Wolbold	Kolimer	4550
1122	Texdahl	Texdahl	950
1123	Janson	Janson	600
1124	Peake	Patrick	2000

(1067) N HILLCOURT 150 S Buena
Vista and Le Roy, Berkeley. One and
one-half-story 6-room dwelling.

Owner.....H. C. Bryant.

Architect...None.

Contractor...C. B. Crane, 2695 Cedar,
Berkeley.

COST, \$251

(1074) N CHANNING 315 W Dana,
Berkeley. Alter dwelling into two-
story 24-room apartments.

Owner.....D. E. Bigelow, 2333 Chan-
ning Way, Berkeley.

Architect...None.

Day's work.

COST, \$5000

(1075) W SPRUCE 175 S Cedar, Ber-
keley. Two-story 7-room dwelling.

Owner.....Thos. Cuthill.

Architect...James W. Plachek, Ache-
son Bldg., Berkeley.

Contractor...Frank Button, 1625 Shat-
tuck Ave., Berkeley.

COST, \$5000

(1076) N WEBSTER 100 W Regent,
Berkeley. Two-story 10-room dwlg.
Owner.....D. S. Glover, 2415 Webster,
Berkeley.

Architect...None.

Day's work.

COST, \$3000

(1078) NO. 2629 HASTE, Berkeley.
All work for two-story frame house.
Owner.....Protestant Episcopal
Bishop of California, 1215
Sacramento, San Francisco

Architect...None.

Contractor...Harry C. Knight, 1725
Broadway, Oakland.

Filed Apr. 28, '14. Dated Apr. 25, '14.

1st floor laid.....\$250

Ceiling joists in place.....250

Interior plastering completed.....300

Plumbing & mill work installed 250

Completed.....Balance

TOTAL COST, approximately, \$2500

Bond, none. Limit, 50 days after Apr.

23. Forfeit, none. Plans and specifi-
cations filed.

(1079) LOT 13 BLK "B" Map Golden
Gate Homestead, Berkeley. All work
for one-story and basement 5-room
dwelling.

Owner.....Fred W. and Ida E. Knips-
child, Berkeley.

Architect...None.

Contractor...H. E. Sullivan, Oakland.
Filed Apr. 28, '14. Dated Apr. 24, '14.

Frame up.....1/2

1st coat plaster on.....1/2

Completed.....1/2

Usual 35 days.....1/2

TOTAL COST, \$2375

Bond, \$1187. Surety, U. S. Fidelity &
Guaranty Co. Limit, 70 days. For-
feit, none. Plans and specifications

filed.

(1087) S HILLSIDE COURT 90 N Hill-
side Ave., Berkeley. Two-story eight
room dwelling.

Owner.....E. L. Peters, 2619 Dwight
Way, Berkeley.

Ar litect...John Hudson Thomas, 1st
National Bank Bldg., Ukly.

Contractor...Phil Sheridan, 1510 Har-
mon, Berkeley.

COST, \$5000

(1088) S HILLSIDE COURT 9 N Hill-
side Ave., Berkeley. Two-story five-
room dwelling.

Owner.....E. L. Peters, 2619 Dwight
Way, Berkeley.

Architect...John Hudson Thomas, 1st
National Bank Bldg., Berkeley.

Contractor...Phil Sheridan, 1510 Har-
mon, Berkeley.

COST, \$2663

(1090) N ROSE 577 W Grant, Ber-
keley. One-story 4-room dwelling.
Owner.....Addie G. Brodrick, 1409
Cypress, Berkeley.

Architect...None.

Contractor...F. R. Peake Co., 2127 Uni-
versity Ave., Berkeley.

COST, \$1450

(1093) SE TELEGRAPH & DURANT
Aves th along Telegraph Ave 90 E
110, Berkeley. Marble and terrazo
work for five-story and basement
brick apartments.

Owner.....J. A. Elston, 2334 Bowditch
Berkeley and George Clark,
948 Market, S. F.

Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., Berkeley.
 Contractor...Columbia Marble Co., 25 Columbia Square, S. F.
 Filed Apr. 29, '14. Dated Apr. 23, '14.
 Completed and accepted.....\$421.50
 Usual 35 days.....140.50
 TOTAL COST, \$562.00
 Bond, none. Limit, as soon as possible.
 Forfeit, none. Plans and specifications filed.

(1094) ELECTRIC WORK ON ABOVE
 Contractor...Capitol Elec. Co., 2476 Shattuck Ave., Berkeley.
 Filed Apr. 29, '14. Dated Feb. 27, '14.
 1st day of each month.....75%
 Usual 35 days.....25%
 TOTAL COST, \$229.50
 Bond, \$1124.75. Surety, Maryland Casualty Co. Limit, as soon as possible
 Forfeit, \$20. Plans and specifications filed.

(1095) STEAM HEATING ON ABOVE.
 Contractor...Charles R. Watts, 2442 Shattuck Ave., Berkeley.
 Filed Apr. 29, '14. Dated Feb. 18, '14.
 Payments same as above.....
 TOTAL COST, \$2876
 Bond, \$1450. Surety, Globe Indemnity Co. Limit, 2 days after painting is completed. Forfeit, none. Plans and specifications filed.

(1096) ORNAMENTAL IRON AND fire escapes, etc., on above.
 Contractor...C. Frauneder, 726 Webster, Oakland.
 Filed Apr. 29, '14. Dated Feb. 16, '14.
 Completed and accepted.....\$1127
 Usual 35 days.....400
 TOTAL COST, \$1527
 Bond, \$762.50. Surety, Globe Indemnity Co. Limit, as soon as possible. Forfeit \$20. Plans and specifications filed.

(1097) LATHING AND PLASTERING on above.
 Contractor...Wm. Makin, 1011 Franklin, Oakland.
 Filed Apr. 29, '14. Dated Feb. 21, '14.
 1st day of each month.....75%
 Usual 35 days.....25%
 TOTAL COST, \$10,350
 Bond, \$5175. Surety, Aetna Accident & Liability Co. Limit, 40 days. Forfeit, \$20. Plans and specifications filed.

(1098) PAINTING, PAPERING AND tinting on above.
 Contractor...D. Zellinsky, 564 Eddy, San Francisco.
 Filed Apr. 29, '14. Dated Apr. 3, '14.
 Payments same as above.....
 TOTAL COST, \$3282
 Bond, \$1641. Surety, Maryland Casualty Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(1099) SINK TILE, VESTIBULE AND lobby tile and bath room tile on above.
 Contractor...Oakland Mantel Co., 2149 Telegraph Ave., Oakland.
 Filed Apr. 29, '14. Dated Apr. 21, '14.
 Completed and accepted.....\$1677
 Usual 35 days.....359
 TOTAL COST, \$1436
 Bond, \$718. Surety, American Surety Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(1100) SE TELEGRAPH & DURANT Aves th along Telegraph Ave 90 E

110, Berkeley. Concrete floors, sidewalks, waterproofing and tile drain for five-story and basement brick apartments.
 Owner.....J. A. Elston, 2334 Bowditch Berkeley & George Clark, 918 Market, S. F.
 Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., Bkly.
 Contractor...McKibben & Taylor, 2125 Shattuck Ave., Berkeley.
 Filed Apr. 29, '14. Dated Apr. 24, '14.
 Completed and accepted.....\$843.75
 Usual 35 days.....281.25
 TOTAL COST, \$1125.00
 Bond, \$562.50. Surety, Southwestern Surety Insurance Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(1101) PLATE, WIRE, MOSS, CHIPPED, sheet and prism glass and mirrors, except glass in elevators on above.
 Contractor...W. P. Fuller, 10th & Alice, Oakland.
 Filed Apr. 29, '14. Dated Mar. 31, '14.
 1st day of each month.....75%
 Usual 35 days.....25%
 TOTAL COST, \$979.02
 Bond, none. Limit, as soon as possible
 Forfeit, none. Plans and specifications filed.

(1102) LOT 8 MAP A J SNYDERS Subdivision of Telegraph Ave., Oakland and Berkeley. All work for one-story 5-room dwelling.
 Owner.....Mrs. Rose Siler, 2128 Oxford, Berkeley.
 Architect...None.
 Contractor...Paul H. Franks, 2709 McGee Ave., Berkeley.
 Filed Apr. 29, '14. Dated Apr. 28, '14.
 Frame up 1/4
 Plastered 1/4
 Completed 1/4
 Usual 35 days..... 1/4
 TOTAL COST, \$2320.35
 Bond, \$1160. Sureties, John R. Steeves and Wm. H. Webb. Limit, 90 days.
 Forfeit, \$1. Plans and specifications filed.

(1112) E JOSEPHINE 270 S Rose, Berkeley. Complete one and one-half-story four-room dwelling.
 Owner.....L. L. Westcott, 1421 Josephine, Berkeley.
 Architect...Leonard H. Ford, 2136 Center, Berkeley.
 Contractor...Roy Nickerson, 1059 65th, Berkeley.
 COST, \$1000

(1113) W SPRUCE 200 N Vine, Berkeley. Garage.
 Owner.....H. C. Macaulay, 1510 Spruce, Berkeley.
 Architect...None.
 Contractor...C. J. Krieger, 1062 Mariposa Ave., Berkeley.
 COST, \$400
 (1114) NO. 2631 FULTON, Berkeley. Alterations.
 Owner.....G. A. Gallagher, Premises.
 Architect...None.
 Contractor...W. Livingston, 2918 Ellis, Berkeley.
 COST, \$1600

(1121) S PLAZA DRIVE 150 E Domingue, Berkeley. Two-story 7-room dwelling.
 Owner.....Caroline Wolbold, San Leandro.
 Architect...None.

Contractor...Jacob Kohlner, 2753 Piedmont Ave., Berkeley.
 COST, \$4550
 (1122) W TEXDAHL 150 N Russell, Berkeley. One-story 5-room dwlg.
 Owner.....C. Texdahl, 3035 Harper, Berkeley.
 Architect...None.
 Day's work.....
 COST, \$1950

(1123) W NINTH 152 N Snyder Ave., Berkeley. One-story 3-room dwlg.
 Owner.....J. M. Janson, 2831 9th, Berkeley.
 Architect...None.
 Day's work.....
 COST, \$900

(1124) LOT 9 BLK 2 Map Colusa Ave Extension, Berkeley. All work for one-story dwelling.
 Owner.....F. R. Peake Co., 2127 University Ave., Berkeley.
 Architect...None.
 Contractor...Patrick-Nelson Bldg. Co., 2011 Shattuck Ave., Bkly.
 Filed May 1, '14. Dated Apr. 29, '14.
 Frame up 1/4
 1st coat plaster on..... 1/4
 Completed 1/4
 Usual 35 days..... 1/4
 TOTAL COST, \$2000
 Bond, none. Limit, 60 days. Forfeit, \$1. Plans and specifications filed.

Building Contracts Awarded.

Alameda.

No.	Owner	Contractor	Amt.
1125	Neal	Cahill	880
1126	Morrel	Lack	400
1127	Cole	Cole	2750
1128	Dufour	Dufour	1960
1129	T. O. P.	Vollmer	400
1130	Brown	Jones	400
1131	Croll	Aitchison	400
1132	Gay	Dufour	800
1133	O'Brien	Lima	2000
1134	Higgins	Swenson	5250
1135	Hilson	Hilson	1700

(1125) E PARK 192.85 N Central Ave N 75.08 E 80 N 25 E 60 S 100.08 W 140, Alameda. All work for one-story steel frame storage shed.
 Owner.....Chas. S. Neal, 1147 Central Ave., Alameda.
 Architect...Henry H. Meyers, Kohl Bldg., San Francisco.
 Contractor...John R. Cahill.
 Filed May 1, '14. Dated Apr. 28, '14.
 Steel frame up, concrete floor completed, window and door frames set\$330
 Completed and accepted.....300
 36 days after.....230
 TOTAL COST, \$860
 Bond, none. Limit, 20 days. Forfeit, \$5. Plans and specifications filed.

(1126) NO. 2552 JACKSON, Alameda. Alterations.
 Owner.....J. Morrel, Premises.
 Architect...None.
 Contractor...George Lack, 941 Eagle Ave., Alameda.
 COST, \$1600

(1127) NO. 3330 FERNSIDE BLVD., Alameda. Two-story 6-room dwlg.
 Owner.....M. T. Cole, 703 Syndicate Bldg., Oakland.
 Architect...None.
 Day's work.....
 COST, \$2750

(1128) NO. 2233 ENCINAL AVE, Alameda. One-story dwelling.
 Owner.....Wm. Dufour, 2326 Santa Clara Ave., Alameda.
 Architect...None.
 Day's work.....
 COST, \$1960

(1129) PARK AND SANTA CLARA Ave., Alameda. Alterations.
Owner.....J. O. F. No. 164, Prem.
Architect.....None.
Contractor...A. G. Vollmar, 2217 San Jose Ave., Alameda.
COST, \$400

(1130) NO. 1305 DAYTON AVE., Alameda. Alterations.
Owner.....Arthur Brown, 1305 Dayton Ave., Alameda.
Architect.....None.
Contractor...Paul Jones, 180 Jessie, San Francisco.
COST, \$400

(1131) NO. 1402 WEBSTER, Alameda Alterations.
Owner.....J. G. Croll, Premises.
Architect.....None.
Contractor...Altichson & Son, 624 Taylor Ave., Alameda.
COST, \$400

(1132) LINCOLN AVE AND OAK, Alameda. Alterations.
Owner.....Theo. Gay, Premises.
Architect.....None.
Contractor...W. Dufour, 3236 Santa Clara Ave., Alameda.
COST, \$800

(1133) NO. 509 CENTRAL AVE., Alameda. One-story dwelling.
Owner.....J. M. O'Dea, 972 Pine, Ala.
Architect.....None.
Contractor...Jos. Lima, 1459 45th Ave., Oakland.
COST, \$2000

(1134) NO. 2707 CENTRAL AVE., Alameda. Two-story apartments.
Owner.....W. D. Higgins, 2701 Central Ave., Alameda.
Architect...A. S. McLennan, 2408 Santa Clara Ave., Alameda.
Contractor...L. Swenson, 2242 Encinal Ave., Alameda.
COST, \$5620

(1135) NO. 2424 BUENA VISTA AVE., Alameda. One-story 4-room dwlg.
Owner.....Mr. Wilson, 1405 Alice, Oakland.
Architect.....None.
Contractor...G. H. Noble, 2220 Central Ave., Alameda.
COST, \$1400

COMPLETION NOTICES.

ALAMEDA COUNTY.

Apr. 17, 1914—LOTS 7, 8.9 AND 10 Broadway Villa Tct, Okd. Rector, Wardens and Vestrymen of St. Peter's Parish to Ben Pearson.....April 13, 1914
Apr. 25, 1914—TRACT LAND approximately 5900 feet long running SE and S from County Road No. 2585 to County Road No. 1347, Sorenson Station. Standard Realty & Development Co to P H Hoare.....April 18, 1914
Apr. 27, 1914—NO. 1314 BAY VIEW Place, Bkly. Leslie D Robinson to C H Warren.....April 23, 1914
Apr. 27, 1914—NE SANTA CLARA AV 63-6 SE Broadway SE 33xNE 100. Ala. Jouis Johnson to whom it may concern.....Apr. 24, 1914
Apr. 28, 1914—LOT 18 BLK 16 Map Northbrae, Albany. Patrick Nelson Bldg Co to whom it may concern.....Apr. 28, 1914

Apr. 29, 1914—SW DANTE AVE 100 NW 100th Ave NW 25xSW 100, Okd. Giuseppe and Americo Parente to J P Kujawa.....Apr. 29, 1914
Apr. 29, 1914—SW COR. TWENTY-fourth and Broadway E on Broadway 99 N on 24th 143.58 on W side 55.46 and 122.87 on S side, Oakland. Emille Sussman to Van Emon Elevator Co.....Apr. 16, 1914
Apr. 29, 1914—SE SIXTEENTH AND San Pablo Ave NE 18.68 SE 50.10 SW 36.42 SW 75.19 N 67.46, Okd. First Trust & Savings Bank (by P J Walker Co, Agents) to W D Henderson.....Apr. 20, 1914
Apr. 29 1914—W JEFFERSON 150 N Channing Way, Bkly. Alameda Co. Home Bldrs Inc to F R Peske Co.....April 18, 1914
Apr. 29, 1914—PTN LOTS 9, 10 & 11 Blk 1, Colusa Ave Extension, Bkly. F R Peske Co to whom it may concern.....Apr. 28, 1914
Apr. 30, 1914—LOT 12 AND S 5 LOT 11 Blk "O" Bryant Tract, Bkly. George K Holloway, Sr to whom it may concern.....Apr. 27, 1914
Apr. 30, 1914—S FIFTY-NINTH 300 W Dover 33½x130, Okd. James H Young to whom it may concern.....Apr. 1, 1914

LIENS FILED.

ALAMEDA COUNTY.

Apr. 25, 1914—NW BROADWAY & N 34th NE 61.42 W 111.42 N 49 W 40 S 108.05 E 136.03, Okd. Charles Bernhardt (Bernhardt Elec Co) vs Broadway Development Co and Bruce Burnett.....\$103.80
Apr. 25, 1914—N NINTH 60 W Madison W 75xN 100, Okd. S T Johnson Co vs G E Tuman, N A Thompson, Sarah J Hastings and L W Blake.....\$550
Apr. 25, 1914—W BROADWAY & NE Telegraph Ave N 104 W 36.77 SE 108.10, Okd. Smith Rice Co, Inc vs Federal Realty Co and Anderson & Sweet Contracting Co.....\$132.50
Apr. 25, 1914—NW BROADWAY AND 24th NE 61.42 W 111.42 N 49 W 40 S 108.05 E 136.03, Okd. J H Reynolds vs Broadway Development Co.....\$36.90
Apr. 27, 1914—LOTS 56 AND 57 Map Shdyn Lots 56 to 68 inclusive of Kingsland Tract, Okd. John P Maxwell (Maxwell Hardware Co) vs Samson Darby, Manuel and Mary Davia.....\$320
Apr. 28, 1914—N NINTH 60 W Madison W 75xN 100, Okd. L W Blake vs G E Tuman, N A Thompson and Sarah J Hastings.....\$100
Apr. 29, 1914—BOUNDED ON E & N by San Luis Road; on W, NW and SW by Arlington Rd; S by Blk 2 Map Arlington Villa Sites, Bkly. Geo H Tay Co vs Eugene Ehret and Jno H Spring, \$807.63. Same. Eugene Ehret vs John H Spring & Patrick Nelson Co.....\$1217.85
Apr. 29, 1914—N NINTH 60 W Madison W 75xN 100, Okd. Mark Lally Co vs G E Tuman, N A Thompson, Sarah J Hastings and L W Blake (two liens filed).....\$550 and \$1430
Apr. 30, 1914—S TWENTY-SECOND 360 E Webster E 51xS 162, Okd. Inlaid Floor Co vs D Miller.....\$214.25

SAN JOSE & SANTA CLARA CLARA VALLEY.

MAUSOLEUM — 1 story, reinforced concrete. Cost not stated. Holy Cross Cemetery, San Mateo Co., Cal. Architect, L. Mastropasqua, 580 Washington street, S. F. Owner, Angelo Ferroag-gara. The structure has been designed in the classic style and will be faced with marble. Interior will be finished in Caen stone and provides for six receptacles. There will be art glass, bronze doors and grilles. Plans are complete and figures are being taken.

LODGE HALL—2 story and base, brick and stucco, \$50,000. San Mateo, San Mateo Co., Cal. Architect, Will D. Shea, 244 Kearny street, S. F. Owners, Santa Mateo Knights of Columbus Hall Association. The building will cover a considerable ground area and will be devoted entirely to the use of the organization. Interior has been arranged for a large auditorium, gymnasium, handball court, swimming pool, bowling alley and club rooms. Interior finish will be of pine and hardwoods with maple floor in the ball room. There will be steam heat and open fire places. Mantels will be of tile. Exterior of the building will be faced with cement plaster. The architect's plans have just been selected in competition with a number of other local architects.

WORKERS' COTTAGE AND NURSES' HOME—Brick and concrete. Cost not stated. Agnew, Santa Clara Co., Cal. Architect, State Architect, George B. McDougall, Sacramento. Owners, State of California. Bids were opened on the 27th and 28th for these two buildings. Robinson & Place of Oakland were low on both buildings. The price for the Workers' Cottage was \$36,750 and for the Nurses' Home \$32,750. A complete list of these figures will be found under the heading of San Jose and the Santa Clara Valley.

RESIDENCE — 1 story and base, frame. Cost not given. San Jose, Santa Clara Co., Cal. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: Edward Delmastro, 634 South 1st street, 1 story, five-room cottage, \$1,800, and J. G. Lueben, 53 St. Mark street, 1 story, five-room cottage, \$1,000. Materials are now being purchased.

Contracts Awarded.

CHURCH—1 story and base, frame and plaster, \$20,000. Santa Cruz, Santa Cruz Co., Cal. Architect, W. J. Wythe. Central Bank Bldg., Oakland. Owners. First Methodist Church of Santa Cruz Contractors, Johnston Co., 1776 12th avenue, S. F. Contract price, \$19,255. Note: This contract does not include the art glass, pews or heating. Figures are now being taken for this work.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

ON FIRST ST., near San Salvatore, San Jose. All work for one-story brick building.
Owner.....S. Montgomery, 217 S-1st.
Architect.....San Jose.
Architect.....William Binder, Rea Bldg., San Jose.

Contractor, R. O. Summers, 17 N-1st, San Jose.
 Filed Apr. 20, '14. Dated Apr. 17, '14.
 On 1st & 6th day of each month 75%
 Usual 35 days..... 25%
TOTAL COST, \$1177
 Bond, \$2100. Surety, Pacific Coast Casualty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

NW ELEVENTH AND SANTA CLARA,
 San Jose. Two-story frame apartment building.
 Owner.....Chas. Colombet, 225 Vine, San Jose.
 Architect...Chas. McKenzie, Bank of San Jose Bldg., San Jose.
 Contractor..W. L. Hannah, 997 E-Julian, San Jose.
 Filed Apr. 22, '14. Dated Apr. 14, '14.
 Frame up\$2560
 1st coat plaster on..... 2560
 Building completed 2560
 Usual 35 days..... 4560
TOTAL COST, \$12,240
 Bond, \$6500. Sureties, J. H. Price and R. T. Price. Limit, 100 days. Forfeit, none. Plans and specifications filed.

ELECTRIC FIXTURES ON ABOVE.
 Contractor, John Guilbert, 276 W-Santa Clara, San Jose.
 Filed Apr. 22, '14. Dated Apr. 14, '14.
 As work progresses..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$675
 Bond, \$400. Sureties, H. Guilbert and Chas. McKenzie. Limit, forfeit, none. Plans and specifications filed.

PLUMBING ON ABOVE.
 Contractor, J. E. Peterson.
 Filed Apr. 22, '14. Dated Apr. 14, '14.
 Plumbing roughed in.....\$2477.50
 When completed 1238.75
 Usual 35 days..... 1238.75
TOTAL COST, \$4955.00
 Bond, \$2500. Surety, U. S. Fidelity & Guaranty Co. of Baltimore, Md. Limit, forfeit, none. Plans and specifications filed.

LOS GATOS, CAL. All work for one-story frame cottage.
 Owner.....Lydia Crider, Los Gatos.
 Architect...F. Wolfe, 1st National Bk. Bldg., San Jose.
 Contractor..A. Jensen, Los Gatos.
 Filed Apr. 15, '14. Dated Apr. 13, '14.
 Frame up\$1087.50
 1st coat plaster on..... 1087.50
 When completed 1087.50
 Usual 35 days..... 1087.50
TOTAL COST, \$4350.00
 Bond, \$2175. Sureties, F. Pabiansen and H. Griefsen. Limit, 90 days. Forfeit, \$1 per day. Plans and specifications filed.

SVV LOCUST AND VIRGINIA, San Jose.
 All work for two-story frame store and flat.
 Owner.....J. Sartorio, San Jose.
 Architect...C. McKenzie, Bank of San Jose Bldg., San Jose.
 Contractor..L. S. Scaglione & G. Tamburino, San Jose.
 Filed Apr. 18, '10. Dated Apr. 11, '14.
 Frame up\$ 600
 When plastered 1000
 When completed 1100
 Usual 35 days..... 900
TOTAL COST, \$3600
 Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

W MORRISON AVE near The Alameda,
 San Jose. All work for two one-story frame cottages.
 Owner.....Chas. T. Newcomb, 254 The Alameda, San Jose.
 Architect...Chas. McKenzie, Bank of San Jose Bldg., San Jose.
 Contractor..C. H. Webb.
 Filed Apr. 21, '14. Dated Apr. 18, '14.
 Frames up\$959.75
 1st coats plaster on..... 959.75
 Buildings finished 959.75
 Usual 35 days..... 959.75
TOTAL COST, \$3839.00
 Bond, none. Limit, 55 days. Forfeit, none. Plans and specifications filed.

NO LOCATION GIVEN. All work for seven-room cottage.
 Owner.....E. Fox.
 Architect...None.
 Contractor..J. A. Wagner, 320 S-16th, San Jose.
 Filed Apr. 18, '14. Dated Apr. 6, '14.
 Frame up\$1750
 When plastered 750
 36 days after by trading in a house and lot.....2500
TOTAL COST, \$4000
 Bond, none. Limit, 36 days. Forfeit, none. Plans and specifications filed.

WASHINGTON AVE., San Jose. All work for one-story frame building.
 Owner.....W. H. Stray.
 Architect...A. P. Hill Jr., Elks' Bldg., San Francisco.
 Contractor..F. E. Petersen.
 Filed Apr. 21, '14. Dated Apr. 7, '14.
 Frame up\$795.50
 When plastered 795.50
 When accepted 795.00
 Usual 35 days..... 795.00
TOTAL COST, \$3194.00
 Bond, \$1600. Surety, Fidelity & Deposit Co. of Maryland. Limit, 100 days. Forfeit, none. Plans and specifications filed.

FIRST NEAR COR. SAN SALVADORE,
 San Jose. All work for two-story brick business and apartment bldg.
 Owner.....S. Montgomery, 217 S-1st, San Jose.
 Architect...William Binder, Rea Bldg.
 Contractor..R. O. Summers, 17 N-1st, San Jose.
 Filed Apr. 20, '14. Dated Apr. 17, '14.
 1st and 6th of each month.... 75%
 Usual 35 days..... 25%
TOTAL COST, \$6468
 Bond, \$3250. Surety, Pacific Coast Casualty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.
NO. 443 S-ELEVENTH, San Jose. Two-room building.
 Owner.....F. H. Lee, Premises.
 Architect...None.
 Day's work. **COST, \$400**

NO. 85 ST. MAR., San Jose. Five-room cottage.
 Owner.....J. G. Luehben, Premises.
 Architect...None.
 Day's work. **COST, \$1000**

NO. 349 S-TENTH, San Jose. Sleeping porch.
 Owner.....C. G. Lathrop, Premises.
 Architect...None.
 Contractor..Morrison Bros, Santa Clara **COST, \$450**

NO. 427 N-SIXTEENTH, San Jose. Six room cottage.

Owner.....H. O. Burtel, Premises.
 Architect...None.
 Contractor..S. G. Pelton, 415 S-Third, San Jose. **COST, \$2500**

NO. 104 N-SECONO, San Jose. Foundation and repairs on cottage.
 Owner.....Wm. Sexton, S. F.
 Architect...None.
 Day's work. **COST, \$400**

NO. 248 E-SANTA CLARA, San Jose. One-story garage.
 Owner.....Wm. Sexton, S. F.
 Architect...None.
 Contractor..Shottenhamer Bros, 143 S-16th, San Jose. **COST, \$3 00**

NO. 22 S-FIRST, San Jose. Remodeling front and interior.
 Owner.....J. C. Schutte, Premises.
 Architect...None.
 Contractor..P. T. Jorgensen, 517 W-San Carlos, San Jose. **COST, \$1500**

NOS. 42 AND 44 S-FIRST, San Jose. Tunnel under store.
 Owner.....Retwin Roberts, Madera, California.
 Architect...None.
 Contractor..P. T. Jorgensen, 517 W-San Carlos, San Jose. **COST, \$400**

E NINTH, bet. Martha and Virginia,
 San Jose. Five-room cottage.
 Owner.....Ed. Delmastro, 630 S-First, San Jose.
 Architect...None.
 Day's work. **COST, \$1800**

N ELEVENTH, 2d Lot N of San Carlos
 San Jose. Eight-room cottage.
 Owner.....H. C. Bramkamp, 750 N-19th, San Jose.
 Architect...None.
 Day's work. **COST, \$2000**

SW TAYLOR & THIRTEENTH STS.,
 San Jose. One-story warehouse.
 Owner.....S. Campisi, Premises
 Architect...None.
 Day's work. **COST, \$400**

S WILLIAM ST., 2d Lot E Third, San
 Jose. Remodel and repair residence.
 Owner.....P. C. Bronnan, 55 Orchard, San Jose.
 Architect...None.
 Day's work. **COST, \$860**

TWENTY-FOURTH & JULIAN, San
 Jose. Remodel and repair.
 Owner.....R. W. Ralph, Premises.
 Architect...None.
 Day's work. **COST, \$400**

NO. 224 S-FOURTEENTH, San Jose.
 Seven-room cottage.
 Owner.....E. Fox, 365 N-7th, San Jose
 Architect...None
 Contractor..J. A. Wagner, 320 S-16th, San Jose. **COST, \$4000**

BUILDING CONTRACTS.

SAN MATEO COUNTY.

PTN LOT 1 BLK 8 OF BURLINGAME
 Land Co. No. 2, Burlingame. All work for one-story frame residence.
 Owner.....William F. and Annie Corke Duffy, Mill Valley, California.

Architect...Carence A. Tantan, 251 Kearny, San Francisco.
Contractor...Myrl R. Crane, S. F.
Filed Apr. 24, '14. Dated Apr. 18, '14.
Frame and chimney up.....\$680
Plastering finished.....680
Completed.....680
Usual 35 days.....685
TOTAL COST, \$2,725

Bond, \$1265. Surety, The Aetna Accident and Liability Co. Limit, 3 months after April 22. Forfeit, \$10 per day. Plans and specifications filed.

1. LANDS. Painting and decorating for residence.

Owner.....Charles Templeton Crocker Hillsborough.
Architect...Willis Pulk & Co., Merchants' Exchange Bldg., San Francisco.
Contractor...J. H. Keefe Co., \$20 O'Farrell, San Francisco.

Filed Apr. 15, '14. Dated Apr. 9, '14.
75% of contract price up to time of completion.....\$10,500
Usual 35 days, 25%.....3500
TOTAL COST, \$13,000

Bond, \$7000. Surety, Fidelity & Deposit Co. of Maryland. Limit, Sept. 30, 1914. Forfeit, \$25 per day. Specifications only filed.

PURISSIMA AND KELLY STREETS.
Half Moon Bay. Carpenter work, lathing, plastering, mill work, plumbing, electric wiring, excavating and concrete work, etc., for two-story frame hotel and store.

Owner.....A. T. Gilcrest, Half Moon Bay.
Architect...Toepeke & Havens, 46 Kearny, San Francisco.
Contractor...Fred A. Simmons, Half Moon Bay.

Filed Apr. 20, '14. Dated Apr. 17, '14.
Frame up and completed.....\$659
Enclosed outside finish on etc., 659
Plastering completed.....659
Completed and accepted.....658
Usual 35 days.....879
TOTAL COST, \$3514

Bond, \$1758. Sureties, J. M. Francis and Joseph Rue. Limit, 70 days. Forfeit, \$10 per day. Plans and specifications filed.

LOT 157 OF SAN MATEO PARK, San Mateo. All work except electric fixtures and window shades for two-story dwelling.

Owner.....W. G. and Brownie C. Loomis, San Mateo.
Architect...None.

Contractor...W. S. Leadley, San Mateo.
Filed Apr. 23, '14. Dated Apr. 21, '14.
Frame up.....\$1525
Building enclosed.....1525
When completed.....1525
Usual 35 days.....1525
TOTAL COST, \$6100

Bond, \$3050. Sureties, E. O. Hessler & E. A. Hopper. Limit, 100 days. Forfeit, none. Plans and specifications filed.

LOT DESCRIBED AS "ORCHARD" as shown on Map entitled "Map of Jenevein Sub," San Bruno. All work for two-story frame dwelling house.

Owner.....A. D. and Amelia M. Jenevein, San Bruno.
Architect...None.
Contractor...R. C. Stickle, San Bruno.
Filed Apr. 18, '14. Dated Mar. 28, '14.
Frame up.....\$620
Roof on, etc.....620

Brown plaster on walls.....620
Building completed.....465
Usual 35 days.....775
TOTAL COST, \$3100
Bond, \$1550. Sureties, T. Holmes Smith and H. Loose. Limit, 30 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
Apr. 14, 1914—LOTS 32 AND 33 BLK 3, 1st Add'n to Huntington Park, San Bruno. William Knutson to William Knutson.....April 8, 1914
Apr. 16, 1914—LOTS 23 AND 24 BLK 17, Crocker Estate Tract, Daly City A Makower to whom it may concern.....Completed
Apr. 17, 1914—LOT 3 BLK 17, Crocker Estate Tract, William F. Dreyer to whom it may concern.....Apr. 14, '14
Apr. 20, 1914—UPLANDS, Hillsborough. Chas. T. Crocker to Floodberg & McCaffery.....Apr. 14, 1914
Apr. 23, 1914—LOT 9 BLK 10, Burlingame Land Co. W A Schneider to J H Wilson.....Apr. 15, 1914

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED ACCEPTED
Apr. 13, 1914—STOCKTON & LENZEN Aves, San Jose. G A Murisen to E E Weldon.....Apr. 11, 1914
Apr. 14, 1914—LOT 4 BLK 1 Shottenhamer Sub. No. 2, San Jose. W C Ghetli to J L Carter.....Apr. 14, 1914
Apr. 18, 1914—LOTS 48, 49 AND 50 Halle Subvn near Mt. View. M Esberg to A Cook.....Apr. 11, 1914
Apr. 20, 1914—LOT 3 BLK 55 Reeds Add'n, San Jose. Wm Schuh to J Dowle.....Apr. 16, 1914

LIENS FILED.

SANTA CLARA COUNTY.

RECORDED AMOUNT
Apr. 24, 1914—LOT 67 Phelan Tract, San Jose. G T Lawrey, \$135.00; Consolidated Paint Co., \$41.55 vs J J and P L Silveira and W M Moore
Apr. 24, 1914—COR WASHINGTON and Reeve, Santa Clara. J C F Stagg vs J Gomez and J S Bernards.....\$75.20

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

HEATING SYSTEM—Cost not stated. Mare Island Navy Yard, Solano Co., Cal. Engineer, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Bids will be opened on May 23rd for furnishing and installing a new heating system and oil burning equipment at Mare Island. Included in the work will be 1 70-H. P. and 1 30-H. P. boiler fuel oil set, pumps, heater and steel flue. Plans can be secured from the Commandant of the Yard at Mare Island.

HOSPITAL ADDITION — 1 and 2 story, brick, \$30,000. Martinez, Contra Costa Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Contra Costa County. This work has been mentioned here before when plans were

first prepared. The addition will contain two wards and operating room. Interior finish will be of pine and white enamel. There will be steam heat, oil burning system and vacuum cleaning. Modern hospital plumbing will be installed. Considerable tile work is specified. Exterior of the building will be faced with either pressed brick or cement plaster. Plans are complete and figures are being taken. Plans can be secured from the architect. Bids will be opened on May 18th.

HARBOR IMPROVEMENT—Cost not stated. Richmond, Contra Costa Co., Cal. Engineer's name not given. Owners, Ellis Landing Co. Bids will be called for at once for harbor work in connection with the Ellis Landing project at Richmond. The location is at the foot of Tenth street and the work will require a large amount of 12-inch piling driven 10 and 12 feet apart. Twenty-four foot piles will be used. A rock bulkhead and a large amount of back filling will also be required.

Contracts Awarded.

OIL STORAGE TANKS — Cost not stated. Martinez, Contra Costa Co., Cal. Engineer's name not given. Owners, American Gasoline Co. Contractors, Healy-Thibbitts Construction Co., S. F. Contract price not given. Note: This contract includes the construction of ten steel tanks each of 50,000 barrels capacity.

BUILDING CONTRACTS.

MARIN COUNTY.

LOT 11 AND ½ LOT 10, Sequoia Park, San Anselmo. All work for one-story frame building.
Owner.....Emily Thomas.
Architect...None.
Contractor...Taylor & Co., Monadnock Bldg., San Francisco.
Filed Apr. 28, '14. Dated Apr. 8, '14.
Frame up and roof sheathed.....25%
Brown coat plaster on.....25%
When completed.....25%
Usual 35 days.....25%
TOTAL COST, \$1600
Bond, limit, forfeit, none. Plans and specifications filed.

LOT NO. 4 BUSH TRACT, San Anselmo. All work for one-story and basement frame residence.

Owner.....Carster W. & Frieda Buck.
Architect...J. E. Kraft & Sons, Phelan Bldg., San Francisco.
Contractor...Wm. Yeo.

Filed Apr. 29, '14. Dated Apr. 25, '14.
Foundation and basement walls.....\$500
Exterior work.....700
Accepted.....770
30 days after.....660
TOTAL COST, \$2630

Bond, \$1400. Sureties, Martin L. Parsons and Mrs. Meagor. Limit, forfeit, none. Plans and specifications filed.

LIENS FILED.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
Apr. 20, 1914—W ½ LOT 6 BLK 25 Town of Pittsburg. Antioch Lumber Co vs Grachino, Mary and Orelzio Trezza.....\$375.48
Apr. 27, 1914—LOT 14 BLK 1 Nicholl's Subvn. James Cruckshank vs W H Paul and Bank of Richmond.....\$344

RELEASE OF LIENS.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
Apr. 28, 1914—LOT 6 BLK 94, Town
of Antioch, Hutchinson Co. to
Louise Cheetham\$338.29

COMPLETION NOTICES.

MARIN COUNTY

RECORDED ACCEPTED
Apr. 25, 1914—LOT 6 BLK 5, Winship
Park, Ross, R C Hillen to whom
it may concern.....Apr. 25, 1914

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
Apr. 25, 1914—LOTS 26 AND 27 BLK
115, City of Richmond, Wm F Mc-
Phail to A W Jesselyn.....Completed —
Apr. 27, 1914—LOTS 8 AND 9 High
School Add'n of Maltby Add'n to
Concord, J M Lavezzola to H F
Smith.....April 1, 1914
Apr. 28, 1914—LOT 16 BLK 5 Rich-
mond Villa Tract. Hoyt & Greene
Inc to C D Knolly.....Apr. 27, 1914
Apr. 28, 1914—LOT 15 BLK 5, Rich-
mond Villa Tract. Hoyt & Greene
Inc to C D Knolly.....Apr. 27, 1914

COMPLETION NOTICES.

MARIN COUNTY.

Apr. 29, 1914—LOT 6 BLK 5, Winship
Park, Ross, Hortense Gardner to
whom it may concern....Apr. 28, 1914

FRESNO, MODESTO, STANIS- LAUS AND CENTRAL CALIFORNIA.

HOSPITAL ADDITION—3 story and
base, brick. Cost not stated. Porter-
ville, Tulare Co., Cal. Architect, F. W.
Griffin, Porterville. Owners, Mt. Whit-
ney Hospital. The addition will be
erected adjoining the present building
at the corner of Main and Harrison
streets and will cover a considerable
ground area. There will be wards and
private rooms. Interior finish will be
of pine and white enamel. Consider-
able tile will be used. The new por-
tion of the building will contain the
heating plant, steam with oil burning
equipment, for both buildings. Modern
hospital plumbing and electric work
will be installed. Exterior will be
faced with pressed brick. Plans are
complete and figures will be called for
at once.

LODGE HALL—2 story and base,
brick, \$20,000. Delano, Kern Co., Cal.
Architects, Swartz, Hutchkin & Swartz,
Rowell Bldg., Fresno. Owners, Delano
Masonic Temple Association. The
building will be erected on a corner lot
covering an area of 60 by 100 feet.
There will be stores on the first floor
and large lodge rooms and office on the
upper floor. Interior finish will be of
pine throughout. Plans provide for a
central heating system. Patent store
fronts are specified. Modern plumb-
ing and electric work will be installed.
Exterior of the building will be faced
with pressed brick. Plans are com-
plete and figures will be called for at
once.

Contracts Awarded.

BANK ALTERATIONS—Brick con-
struction, \$12,000. Bakersfield, Kern
Co., Cal. Architect, none. Owners,
First National and Producers' Bank of
Bakersfield. Contractors, Lindgren Co.,
Monadnock Bldg., S. F. Contract price,
\$12,000.

HOTEL—2 story and base, brick,
\$13,000. Bakersfield, Kern Co., Cal.
Architect, L. K. Condrajian, Fresno.
Owner, C. Petrini. Contractor, L. K.
Condrajian, Fresno. Contract price,
\$13,000.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

SCHOOL—2 story and base, brick,
\$50,000. Chico, Butte Co., Cal. Archi-
tect, A. J. Bryan, Chico. Owners, Oak-
dale School District. Bids opened for
this work show L. C. Evans of Marys-
ville low on brick construction and
Graham & Jensen of San Francisco low
for the alternate proposition of tile.
Mr. Evans bid was \$31,500 and Graham
and Jensen's bid was \$35,250. Bids
were taken under advisement. A com-
plete list of the figures submitted will
be found under the heading of Sacra-
mento, Stockton and Northern Califor-
nia in this issue.

SCHOOL—2 story and base, rein-
forced concrete, \$200,000. Sacramento,
Cal. Architects, Shea & Loquist,
Bankers' Investment Bldg., S. F. Own-
ers, City of Sacramento. Bids opened
for the construction of this building
show H. S. Williams, Hearst Bldg., San
Francisco, low on all four propositions.
These bids were all within the amount
available for construction and he will
probably be awarded the contract. A
complete list of the bids will be found
under the heading of Sacramento,
Stockton and Northern California.

HIGHWAY CONSTRUCTION — Cost
not stated. California, Engineers,
State Highway Commission, Forum
Bldg., Sacramento. Owners, State of
California. Plans have been completed
by the State Highway Commission for
highway work in the following coun-
ties: Tehama, Solano (2 pieces), Marin,
Santa Clara, Kern, Humboldt, Col-
usa, Tulare and Los Angeles. Plans
for this work are now out for figures
and bids will be opened on May 25th.
Plans can be secured from the office of
the State Highway Commission, Forum
Bldg., Sacramento. An official pro-
posal for the work appears in another
column of this issue.

BANK ALTERATION—2 story, brick,
\$10,000. Stockton, San Joaquin Co.,
Cal. Architect, Henry H. Meyers, Kohl
Bldg., S. F. Owners, First National
Bank of Stockton. The present bank-
ing quarters will be rearranged and
new interior finish and banking fix-
tures will be installed. Included in the
work will be new plastering, plain and
ornamental, electric work, painting,
plumbing and ornamental iron and
bronze work. Vaults will also be re-
arranged. Plans are now being pre-
pared.

WHARF SHED—2 story, reinforced
concrete. Cost not stated. Sacramento,
Cal. Engineer, City Engineer A. Givan,
Sacramento. Owners, City of Sacra-
mento. Plans have been submitted to
the City Commissioners for a wharf
shed which is to be erected at the foot
of P street. Construction will be fire-
proof. Exterior will be faced with ce-

ment plaster. Plans are complete and
waiting the approval of the Commis-
sion. Further mention will be made of
the work.

CORP HOUSE—2 story, dome and
basement, reinforced concrete, \$90,000.
Alturas, Modoc Co., Cal. Architect, De
Longchamps, Reno, Nev. Owners, Modoc
County. The building has been men-
tioned here a number of times be-
fore when plans were first out for fig-
ures. Bids recently opened were in
excess of the amount available for con-
struction and plans are now being re-
vised. New figures will be called for
at the May meeting of the Board of
Supervisors. Further mention will be
made of the work at that time.

HOTEL AND STORES—3 story and
base, brick and steel, \$45,000. Stock-
ton, San Joaquin Co., Cal. Architect,
Henry H. Meyers, Kohl Bldg., S. F.
Owner's name withheld. The building
will cover a considerable ground area
and will be arranged for stores on the
first floor besides the hotel entrance
and lobby. Upper floors will contain
in the neighborhood of 75 rooms and a
number of baths. Interior will be
finished in pine and redwood. There
will be steam heat and a hot water
supply. All bath rooms will have tile
wainscot and composition floors. Ex-
terior of the building will be faced
with pressed brick. Patent store fronts
will be specified. Plans are now be-
ing prepared.

RAILROAD STATION — 2 story,
frame, \$10,000. Folsom, Sacramento
Co., Cal. Architect, Engineering De-
partment Southern Pacific Co., Flood
Bldg., S. F. Owners, Southern Pacific
Co. Work has been started by the
Southern Pacific Co. on the construc-
tion of a new passenger depot at Fol-
som. The building will be a two-story
frame structure containing the two
usual waiting rooms and agent's of-
fice on the first floor. The second floor
will contain living rooms for the agent
consisting of a five-room flat. Exterior
will be covered with cement plaster.
About \$3,000 will be spent in con-
structing the building.

RESIDENCES—1 and 2 story, frame.
Cost not stated. Stockton, San Joaquin
Co., Cal. Architect, none. The follow-
ing Day Labor jobs are reported as
about to be started in Stockton: P.
W. Priestly, 202 West Stockton, frame
dwelling, \$2,000; Richard Godsil, 516
West Park, frame cottage, \$1,600; M.
Lamasney, 744 West Flora, frame cot-
tage, \$1,600; Mrs. Sarah E. Gibbs, 1328
South California, frame residence, \$1-
750; W. J. Magnuson, 725 South Pil-
grim, cottage, \$600; J. E. Wolf, 541-C
East Oak, frame cottage, \$1,500; J.
Cleinmann, 39 North El Dorado, two
frame cottages, \$1,500 each; Th. and Sadie
Jewitt, 409 East Weber, frame addi-
tion, \$500. Materials for this work are
now being purchased.

BUNGALOW — 1 story and base,
frame, \$1,500. Sacramento, Cal. Archi-
tect, none. Owner, Burton H. Bill, 3215
4th avenue, Sacramento. The dwelling
has been designed to contain six rooms
and bath. Interior finish will be of
pine throughout. Hardwood floors will
be used in the principal rooms. There
will be open fire places and tile man-
tels. Bath room and kitchen will have
tile wainscot. An automatic water
heater will be installed. Exterior of
the dwelling will be covered with ce-
ment plaster on metal lath. Plans are



Veneered Panels that
ARE good---order
today from

For all purposes use Wybro Panels

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complete and the work will be done by Day Labor. Materials are now being purchased.

SCHOOL—2 story and base, brick and steel. Cost not stated. Davis, Yolo Co., Cal. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owners, Regents of the University of California. Bids opened for the construction of this building, a structure 90 by 152 feet, show J. W. Carr of San Francisco low at \$47,340. A complete list of the figures submitted will be found under the heading of San Francisco in this issue.

SCHOOL—2 story and base, brick and steel, \$36,000. Stockton, San Joaquin Co., Cal. Architects, Stone & Wright, San Joaquin Bldg., Stockton Owners, City of Stockton. The building will be erected on the property bounded by Park, Flora, Madison and Monroe streets, and has been designed to contain fourteen class rooms, assembly hall and principal's office. Corridors and stairways will be of fireproof construction. Interior will be finished in pine with maple floors in the class rooms. Plans provide for steam heat and oil burning furnace. There will be program clocks and vacuum cleaning. State blackboards are specified. Exterior of the building will be faced with pressed brick. Plans are now being prepared. Further mention will be made of the work when figures are called.

POST OFFICE—1 and 2 story, and base, stone and brick. Cost not stated. Chico, Butte Co., Cal. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans for this building have been completed and forwarded in this coast for figures. The main portion of the building will be two stories high with a one-story wing in the rear. Construction will be of the non-fireproof type except the first floor. Plans provide for steam heat and special cabinet work. The building will cover an area of approximately 6,000 square feet. Exterior will be faced with cut stone and pressed brick. Plans can be secured from either the Supervising architect at Washington, D. C., or from the Custodian of the site at Chico. Bids will be opened on June 9th. An official proposal appears in another column of this issue.

Contracts Awarded.

EARTH DAM AND LEVEES—Cost not stated. Orland, Glenn Co., Cal. Engineer, U. S. Reclamation Service, Orland. Owners, Orland Reclamation District. M. Fisher, S. F., submitted

the lowest figure for this work at \$16,386 and will probably be awarded the contract. Other figures submitted were as follows: Phil Schuyler, Oakland, \$17,815; Moffitt & Need, San Francisco, \$19,147; Grant Fee, San Francisco, \$34,266; Mesmer & Rice, Los Angeles, \$67,382; F. F. Prendergast, Los Angeles, \$68,992; Blake Bros., Oakland, \$71,968.

DAM AND BULKHEAD—Cost not stated. Sacramento, Engineer's name not given. Owners, Reclamation District No. 1500. Contractors, Hyde-Harjes Co., S. F. Contract price, \$22,275. Other bids for this work were Healy-Tibbetts Co., \$22,341; Mervy-Elwell Co., \$22,866; W. N. Concanon, \$24,866 San Francisco Bridge Co., \$22,599 Thompson Bridge Co., \$20,950; Portland Concrete Pile Co., \$28,472.99.

Bids For Nurses' Home At Agnew

State Board of Control Receives Sixteen Figures for Work, Frederick Robinson Low Man.

(By Special Wire.)

SACRAMENTO, CAL., April 27th, 1914—Bids were opened in the office of the State Board of Control today for constructing a building to be known as the Nurses' Home at the State Asylum at Agnew, Santa Clara County. All bids were taken under advisement and a contract will probably be awarded sometime next week.

The lowest figure was submitted by Frederick Robinson for \$32,750. Sixteen figures in all were submitted, all of which were very close. The following is a complete list of all bids received:

Nurses' Home, Agnews.

Frederick Robinson	.....	\$32,750
L. G. Berggren & Son	.....	33,746
William A. Newsom	.....	34,140
Pringle, Dunn & Co.	.....	34,750
McLaren & Peterson	.....	35,369
Frank Gallagher	.....	35,500
Welch Bros.	.....	36,599
Lester H. Stock	.....	37,512
Lewis Cereghino & Son	.....	37,527
Fluth & Morton	.....	37,849
Howard S. Williams	.....	37,967
McSheehy Bros.	.....	38,800
H. A. Klyce	.....	38,997
Monson Bros.	.....	40,280
Mulder & Harnish	40,331
R. O. Summers	41,906

E. H. Williams Chalmers Munday

Munday & Williams

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Bids For Workers' Cottage At Agnew.

Robinson & Place of Oakland Low and Will Be Awarded Work. Will Also Build Nurses' Home.

(By Special Wire.)

SACRAMENTO, CAL., April 28th, 1914—Eighteen bids were opened by the State Board of Control today for constructing a cottage for Workers at the Agnew Asylum in Santa Clara County. The firm of Robinson & Place of Oakland were low at \$36,750 and will be awarded the work as that figure is well within the State's appropriation.

The Robinson mentioned in Tuesday's bidders for the construction of the Nurses' Home at Agnew is the same as in today's list, Robinson & Place. They will also be awarded the contract for the Nurses' Home.

Workers' Cottage, Agnew.

Robinson & Place	.....	\$36,750
Lester H. Stock	.....	37,750
Howard S. Williams	.....	39,850
William A. Newsom	.....	40,000
Pringle, Dunn & Co.	.....	40,825
H. A. Klyce	.....	41,210
McLaren & Peterson	.....	42,384
Frank Gallagher	.....	43,440
L. G. Berggren & Son	.....	43,742
Lewis Cereghino & Son	.....	44,000
McSheehy Bros.	.....	44,222
Welch Bros.	.....	44,494
Fluth & Morton	.....	45,977
Monson Bros.	.....	47,600
R. O. Summers	.....	51,206
Morrison Bros.	.....	51,270
Mulder & Harnish	.....	52,228
Ward & Goodwin	.....	59,800

Bids For Oakdale School At Chico.

Graham & Jensen Low on Tile and I. C. Evans of Marysville Low For Brick Construction.

(By Special Wire.)

CHICO, BUTTE CO., CAL., April 30th—Bids were opened at 7:30 tonight by the Board of Education for the construction of the new two-story and basement brick school building, designed by Architect A. J. Bryan of Chico. Alternate bids were asked for on the brick and tile construction. I. C. Evans of Marysville bid \$34,500 for brick and Graham & Jensen of San

Francisco submitted the lowest figure on the tile at \$35.250.

Chico School Bids.
Contractor Brick Tile
Peterson&Wilson, S. F., \$35,887 \$37,887
E. D. Sharp, Chico..... 39,542
Campbell & Turner, Sac. 36,905 36,505
Graham & Jensen, S. F. 36,000 35,250
S. I. Cobb, Oroville..... 37,292 36,290
L. C. Evans, Marysville. 34,500
No contracts were awarded and all bids were taken under advisement until May 5th at 7:30 o'clock.

Sacramento School Bids Are Opened.

H. S. Williams of San Francisco Low On All Four Propositions. Contract Not Awarded.

(By Special Wire.)

SACRAMENTO, CAL., May 1, 1914.—Seven sets of figures were opened by the Sacramento Board of Education for the construction of the two-story and basement reinforced concrete school to be erected on the property bounded by 11th, 12th, U and V streets. Four different propositions were submitted by the bidders and H. S. Williams, of San Francisco, was low on all four. Conditions under which bidders submitted figures were that in all propositions corridor partitions should be of tile throughout, except on the corridor sides. Proposition No. 1 called for all partitions to be of tile with plastering omitted in the auditorium, kitchens, lunch rooms and wood working room. Proposition No. 2 all partitions wood studs, wood lath and plaster. Proposition No. 3, wood studs, metal lath and plaster three coat work, and Proposition No. 4, metal studs and Jackson patent plaster board. Plans were prepared by Architects Shea & Lofquist of San Francisco. The following is a complete list of the bids as submitted:

Sacramento School Bids.

Clinton Fireproofing Co., S. F. Prop. 1, \$198,750; Prop. 2, \$191,500; Prop. 3, \$196,500; Prop. 4, \$194,500.

J. J. Leonard, S. F., Prop. 1, \$202,000. Prop. 2, \$199,975; Prop. 3, \$205,500; Prop. 4, \$205,000.

Sound Constr. & Eng. Co., S. F., Prop. 1, \$—; Prop. 2, \$198,755; Prop. 3, \$204,500; Prop. 4, \$—.

Caldwell & Son, S. F., Prop. 1, \$197,555; Prop. 2, \$191,630; Prop. 3, \$195,397; Prop. 4, \$195,803.

H. S. Williams, S. F., Prop. 1, \$188,913; Prop. 2, \$183,758; Prop. 3, \$186,638; Prop. 4, \$188,525.

Keating & Holt, Sacramento, Prop. 1, \$204,100; Prop. 2, \$196,785; Prop. 3, \$202,815; Prop. 4, \$202,315.

Mathews Constr. Co., Sacramento, Prop. 1, \$196,743; Prop. 2, \$—; Prop. 3, \$—; Prop. 4, \$—.

All bids were taken under advisement, but the Board of Education will act at once in the matter of an award.

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

LOT 3 BLK 185 E, Stockton. Frame building.

Owner.....F. W. Priestly, 202 West Plapar, Stockton.

Architect...None. COST, \$2000
Day's work.

LOT 4 BLK 11 E, Stockton. Erect brick building.

Owner.....J. G. Grolman, 1429 E-Lafayette, Stockton.

Architect...None. COST, \$2000
Day's work.

LOT 16 BLK 37 W, Stockton. Erect frame building.

Owner.....Richard Godsil, 516 W-Park, Stockton.

Architect...None. COST, \$2500
Day's work.

N ½ LOT 11 BLK 71, S M C, Stockton. Frame building.

Owner.....M. Lamasney, 744 W-Flora, Stockton.

Architect...None. COST, \$1600
Day's work.

LOT 6 BLK 107 E, Stockton. Remodel frame building.

Owner.....M. E. McEnenny.

Architect...None. COST, \$3500
Day's work.

NO. 111 E-LAFAYETTE, Stockton. Remodel building.

Owner.....Mrs. Kaniye.

Architect...None. COST, \$400
Day's work.

LOT 6 BLK 120 S M C, Stockton. Frame building.

Owner.....Mrs. Sarah E. Gibbs, 1326 So-California, Stockton.

Architect...None. COST, \$1750
Day's work.

NO. 629-E-JEFFERSON, Stockton. Erect frame building.

Owner.....W. J. Magnuson, 725 S-Pilgrim, Stockton.

Architect...None. COST, \$600
Day's work.

S ½ OF LOTS 10 AND 12 BLK 81, S M C, Stockton. Frame building.

Owner.....J. B. Wolf, 541-C E-Oak, Stockton.

Architect...None. COST, \$1500
Day's work.

S 37½ OF LOT 14 BLK 5 W, Stockton. Erect frame building.

Owner.....L. Cleinmann, 39 N-El Dorado, Stockton.

Architect...None. COST, \$1500
Day's work.

LOT 15 BLK 11 W, Stockton. Frame building.

Owner.....J. Cleinmann, 39 N-El Dorado, Stockton.

Architect...None. COST, \$1500
Day's work.

LOT 12 BLK 88, S M C, Stockton. Frame building.

Owner.....C. A. Eldridge, Stockton.

Architect...None. COST, \$500
Day's work.

LOT 12 BLK 116 E, Stockton. Addition to frame building.

Owner.....Sadie Jewitt, 409 E-Weber, Stockton.

Architect...None. COST, \$500
Day's work.

LOT 8 Amended Plot Lots 48 and 53. Goethe Sub "F," Cor Stanford and

10th, Sacramento. Five-room frame dwelling.

Owner.....D. Lamorue, 4219 Stanford, Sacramento.

Architect...None. COST, \$1700
Day's work.

E ½ LOT 6, V, W, 16TH AND 17TH STS No. 1621 W St., Sacramento. Place dwelling on new brick foundation and erect one and one-half-story barn on rear of lot.

Owner.....Mrs. M. Sjogren, 1327 9th St., Sacramento.

Architect...None.

Contractor...Chas. Vanina, 2022 M St., Sacramento. COST, \$500

LOT 8, F, G, 18TH AND 19TH STS., Nos. 617 and 619 18th St., Sacramento. After dwelling into apartments.

Owner.....E. J. Carlow, 617 18th St., Sacramento.

Architect...F. H. Schardin. COST, \$300
Day's work.

S ½ OF N ½ LOT 1, I, J, 2ND & 3RD STS., Sacramento. Erect building.

Owner.....Adelheid Heison.

Architect...None.

Contractor...Teichert & Ambrose, 1302 19th St., Sacramento. COST, \$1750

Filed Apr. 27, '14. Dated Apr. 27, '14

S ½ LOT 5, K, L, 9TH AND 10TH; No. 1128-1129 10th St. Sacramento.

After store.

Owner.....A. Navlet, Sutterville.

Architect...None. COST, \$250
Day's work.

S 40 OF W 160 FEET LOT "A" A. W. J. Landers, Addn., Sacramento. Additions to present one-story to same of 4-rooms.

Owner.....Benj. Bean, 2304½ O St., Sacramento.

Architect...None. COST, \$500
Day's work.

LOT 3 T STREET COURT; No. 3110 S St. Sacramento. Five-room frame dwelling (concrete foundation).

Owner.....T. B. Hunt, 2926 S St., Sacramento.

Architect...None.

Contractor...Hunt Bros. COST, \$1700

E 70 FEET OF N 110 FEET LOT 1, J, K, 11th and 12th Sts., Nos. 1124-1130 J St., Sacramento. Nine-story and basement Class "A" steel frame, concrete and brick building (7 stores and hotel).

Owner.....Miller & McGilivray, Peoples' Bank Bldg., Sacramento.

Engineer...V. N. Dalton, 68 Post, S. F.

Contractor...McGillivray Construction Co., 1007 7th, Sacramento. COST, \$25,000

N ¼ LOT 5, S, T, 25TH AND 26TH STS., No. 1916 26th St., Sacramento. Six-room frame dwelling (concrete foundation).

Owner.....Julius Asher and C. C. Goldsmith, 1014 11th St., Sacramento.

Architect...None.

Contractor...Geo. W. Martin & Son, 1217 19th St., Sacramento. COST, \$2650

LOTS 4502-4503 H. J. Goethe Addn; K Cypress and Burbank Ave., Sacra-

mento. Frame store building (concrete foundation).
 Owner.....J. Nicolosi, 2605 6th Ave., Sacramento.
 Architect...None.
 Contractor...A. Miller, 3205 2nd Ave. Sacramento.

COST, \$1600

BUILDING CONTRACTS.**SAN JOAQUIN COUNTY.**

N ½ BLK 102 S of Main St., Stockton.
 All heating and ventilating for Jackson School (three-story building).
 Owner.....Board of Education of Stockton.

Architect...Stone & Wright, San Joaquin Bldg., Stockton.
 Contractor...Pacific Blower & Heating Co., 4th and Freelon Sts., San Francisco.

Filed Apr. 25, '14. Dated Apr. 23, '14.
 1st day of each month..... 75%
 30 days after..... 25%

TOTAL COST, \$3375

Bond, \$1688. Surety, Pacific Coast Casualty Co. Limit, 30 days. Forfeit, \$5. Plans and specifications filed.

NORTHERN ADDITION. Stockton.
 Heating and ventilating for North School (two-story building).
 Owner.....Board of Education of Stockton.

Architect...Stone & Wright, San Joaquin Bldg., Stockton.
 Contractor...W. Morgan, N-Hunter St., Stockton.

Filed Apr. 25, '14. Dated Apr. 22, '14.
 1st day of each month..... 75%
 30 days after..... 25%

TOTAL COST, \$2536

Bond, \$1292. Surety, National Surety Co. Limit, 30 days. Forfeit, \$3. Plans and specifications filed.

NW COR. MAIN & SUTTER STS. Stockton. All structural steel and iron work for 10-story Class "A" bank building.

Owner.....Commercial Savings Bank, E-Main St., Stockton.
 Architect...L. B. Dutton, Chronicle Bldg., San Francisco.

Contractor...Rarston Iron Works, 20th and Indiana, San Francisco

Filed Apr. 25, '14. Dated Apr. 14, '14.
 1st and 15th of each month..... 75%
 30 days after..... 25%

TOTAL COST, \$18,721

Bond, \$11,865. Surety, Aetna Accident Ins. Co. Limit, 60 days. Forfeit, after 130 days work remains uncompleted contractor to pay \$100. Plans and specifications filed.

SAN JOAQUIN & MENDOCINO STS. Stockton. All work for addition to North Grammar School, North Stockton.

Owner.....Board of Education, Stockton.
 Architect...Stone & Wright, S-California St., Stockton.

Contractor...F. L. Scamman, S. F.
 Filed Apr. 25, '14. Dated Apr. 17, '14.
 1st of each month..... 75%
 Until 35 days..... 25%

TOTAL COST, \$16,771

Bond, \$8356. Surety, Globe Indemnity Co. Limit, 100 days. Forfeit, \$10. Plans and specifications filed.

CALIFORNIA & VINE STS. Stockton. Install Plenum system of steam

heating Science Building and Gymnasium Stockton High School.

Owner.....Board of Education, Stockton.

Architect...Stone & Wright, S-California St., Stockton.

Contractor...J. C. Hurley Co., Center and North St., Stockton.

Filed Apr. 25, '14. Dated Apr. 17, '14.
 1st of each month..... 75%
 30 days after..... 25%

TOTAL COST, \$7129

Bond, \$3714.50. Surety, New England Casualty Co. of Boston, Mass. Limit, 30 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.**SACRAMENTO COUNTY.**

RECORDED **ACCEPTED**

Apr. 24, 1914—LOTS 78 AND 79.

Sather Terrace Add'n, Sacramento.

Clark Realty Co to C E Mendenhall

.....April 24, 1914

Apr. 24, 1914—FIVE ACRES LAND

formerly owned by El Dorado Gold

Dredging Co in Fair Oaks Ridge.

Natomas Consolidated of California

to Ernest F Johnson. Apr. 17, '14

LIENS FILED.**SACRAMENTO COUNTY.**

RECORDED **AMOUNT**

Apr. 24, 1914—E 20 FT. OF N ½ OF

Lot 1 and W ½ Lot 2, M. N. 2nd and

3rd Sts., Sacramento. J L and L G

Siller (Siller Bros.) vs Imperial

Hall Co\$2541.55

LOS ANGELES AND SOUTHERN CALIFORNIA.

RESIDENCE—2 story and base, frame. Cost not stated. Santa Monica, Los Angeles Co., Cal. Architect, A. C. Martin, Higgins Bldg., L. A. Owner, Thomas Higgins. The dwelling will be erected on Second street near Arizona and has been designed to contain fifteen rooms, three bath rooms and sleeping porch. Interior finish will be of pine and hardwood. Hardwood and inlaid floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Automatic water heaters are specified. Bath rooms will have tile wainscot and composition floors and will be equipped with showers. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

SCHOOL GROUP—6, 1 and 2 story, brick and steel, \$210,000. San Bernardino, San Bernardino Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, San Bernardino Union High School District. The Board has decided to erect six buildings, Administration, Science, Classical, Home Economics, Commercial and Mechanics buildings. If there are sufficient funds a cafeteria and gymnasium will also be erected. The style of architecture will be classical, Class C, with masonry walls, tile roofs, wood interiors, metal lat ceilings, wiring, etc. Only preliminary plans have been prepared and details will be published later.

APARTMENT HOUSE—2 story and base, frame. Cost not stated. Los An-

geles, Cal. Architect, A. Burnside Sturges, Story Bldg., L. A. Owner, F. E. Rubin. The building will be erected on Bonnie Brae street near 20th, and will contain 32 rooms arranged in two and three room suites with wall beds and private baths. Interior finish will be of pine throughout. Some hardwood floors will be used. There will be gas heaters and automatic water heaters. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with veneer pressed brick and re-sawed rustic. Plans are being prepared and when complete the work will probably be done by Day Labor.

WAREHOUSE—3 story and base, reinforced concrete. Cost not stated. Santa Barbara, Santa Barbara Co., Cal. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owner, Homer M. Duffey, Santa Barbara. The building will be erected at the corner of Mason and Helena streets, covering an area of 67½ feet by 140 feet and will be of the extra heavy type designed for a six-story structure. Construction will be fireproof with reinforced concrete walls, floors and roof slabs. Interior will be finished in pine. Plans provide for steel rolling doors, metal window sash and frames and elevator service. Exterior will be faced with cement plaster. Work will be started at once under the Day Labor system.

GARAGE—2 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, Dennis & Hewitt, Fay Bldg., L. A. Owner, W. S. Collins. The building will be erected at the corner of Third and Hope streets and will cover an area of 100 by 120 feet. Construction will be practically fireproof. There will be concrete floors and metal lath and plaster interior partitions. Besides the garage there will be nine stores on the first floor. Upper floor will be used for storage space in connection with the garage. Metal window sash and frames and metal covered doors are specified. Exterior of the building will be faced with pressed brick. Plans are being prepared.

HOTEL—2 story and base, reinforced concrete, \$250,000. Banning Riverside Co., Cal. Architect, J. Martin Haenke, Story Bldg., L. A. Owners, Gateway Inn Company. This work has been mentioned before when plans were first started. Working drawings have been completed and grading of the site has been started. The main building will be 300 by 50 feet with two large wings. There will be a total of 150 guest rooms, all of which will have private baths. Plans also provide for a large office, dining rooms, ladies' and gentlemen's parlors and grill. Construction will be fireproof. Interior will be finished in pine and hardwoods. There will be steam heat, elevator service and a hot water supply. Exterior of the building will be faced with cement plaster. A clay tile roof will be used. Plans will go out for figures shortly.

HOTEL—3 story and base, Class C construction. Cost not stated. Los Angeles, Cal. Architect, Anton Reif, Higgins Bldg., L. A. Owner, Mr. Siller. The building will be erected on San Pedro street near Ninth, covering an area of 42 by 121 feet. There will be two stores on the first floor besides the hotel lobby. Upper floors will contain a total of 50 guest rooms and four

Wednesday, May 6, 1914.

BUILDING AND INDUSTRIAL NEWS

PORTLAND AND OREGON.

baths. Interior finish will be of pine throughout. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are being prepared.

WAREHOUSE—3 story and base, brick and concrete. Cost not stated. Los Angeles, Cal. Architects, William Curlett & Son, Title Insurance Bldg., L. A. Owners, Rudgear-Merle Co. The building will be erected at the corner of Alameda and Palmetto streets, and will cover an area of 100 by 272 feet. Interior will be finished in pine. There will be metal window sash and frames. Plans provide for elevator service, spiral chutes and other warehouse conveniences. Construction has been held up for sometime pending the settlement of spur track facilities. Exterior of the building will be faced with pressed brick. Working drawings are complete and bids will be called for at once.

RESIDENCE—2 story and base, frame and hollow tile construction, \$15,000. Hollywood, Los Angeles Co., Cal. Architect, Elmer Grey, Wright and Callender Bldg., L. A. Owner, John Luckenbach. The dwelling will cover a large area and will contain twelve rooms, three baths and sleeping porch. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. There will be furnace heat, open fire places and a hot water system. A garage will also be erected on the lot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

SCHOOL—1 story, concrete and hollow tile construction, \$20,000. Beverly Hills, Los Angeles Co., Cal. Architect, W. J. Dodd, Marsh-Strong Bldg., L. A. Owners, Beverly Hills School District. The building will contain six class rooms and an assembly hall. Interior finish will be of pine and redwood. Maple floors will be used in the class rooms. There will be a central heating system. Exterior of the building will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

WAREHOUSE—1 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Mrs. H. S. Van Nuys. The building will be erected on property at the corner of Los Angeles, Pico and San Pedro streets, covering an area of 70 by 150 feet. Construction will be of the extra heavy type. Interior finish will be of pine throughout. Plans provide for two elevators, metal window sash and frames and fireproof doors. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

RAILROAD STATION—1 and 2 story, reinforced concrete, \$200,000. San Diego, San Diego Co., Cal. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Santa Fe Railroad Co. The building has been designed in the Mission style and will be of fireproof construction with reinforced concrete walls and floors. Interior partitions will be of metal lath and plaster. The building will be 200 feet long and about 75 feet wide. There will be two waiting rooms, offices of the company, ticket and agent's office, baggage

rooms and express office. Interior will be finished in pine with tile floors and marble wainscot. There will be a central heating system. Exterior of the building will be faced with cement plaster. A clay tile roof will be used. Plans are complete and figures are now being taken.

RESIDENCE—2 story and base, frame and hollow tile, \$25,000. San Diego, San Diego Co., Cal. Architect, Irving L. Gill, 921 South Figueroa street, L. A. Owner, Ethel H. Williams. The dwelling will contain 11 rooms in the first floor and nine rooms in the second floor. There will be six baths. Interior will be finished in pine, redwood, hardwoods and white enamel. Hardwood floors will be used throughout. There will be steam heat, open fire places and a hot water supply. All bath rooms will have tile wainscot and floors and will be equipped with showers. Exterior of the house will be faced with cement plaster. Plans are being prepared.

SCHOOL—1 story and base, brick, \$17,000. Banning, Riverside Co., Cal. Architects, C. H. Russell Co., Union League Bldg., L. A. Owners, Banning School District. The building has been designed in the Mission style and will contain six class rooms and an assembly hall. Interior finish will be of pine with maple floors in the class rooms. There will be a central heating system, probably furnace heat. Modern school plumbing and electric work will be installed. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

Contracts Awarded.

APARTMENT HOUSE—1 and 2 story and base, frame. Cost not stated. Long Beach, Los Angeles Co., Cal. Architect, J. B. Nicholson, Wright & Callender Bldg., L. A. Owner, S. R. Adams. Contractor, Fred W. Siegel, Stimson Bldg., L. A. Contract price not stated.

BANK ALTERATION AND ADDITION—2 story, brick, \$12,490. Anaheim, Orange Co., Cal. Architects, Austin & Pennell, Wright and Callender Bldg., L. A. Owners, German-American Savings Bank of Anaheim. Contractors, Frank Graves & Son, Builders' Exchange, L. A. Contract price, \$12,490, not including painting.

HOTEL—2 story and base, brick and steel, \$60,000. Niland, Imperial Co., Cal. Architect, Frank L. Stiff, Grosse Bldg., L. A. Owners, California Land and Water Co. Contractor, J. R. Rohelt, El Centro. Contract price, \$60,000.

SCHOOLS—2, 1 story and base. Class C construction. Cost not stated. Glendale, Los Angeles Co., Cal. Architect, Norman P. Marsh, Broadway Central Bldg., L. A. Owners, Glendale High School District. Contractor, G. Hanson, 1414 South Vermont avenue, L. A. General construction. Contract price, \$59,183. Plumbing, J. Hokom, \$6,593. Munger & Munger, Pasadena, heating, \$3,795. Bliss & Schwenzel, Pasadena, painting, \$3,188. L. W. Chobe, Glendale, electric work, \$1,196.75. Eugene Winslip, program clocks, \$1,550.

MISSION SCHOOL—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Robert H. Orr, Van Nuys Bldg., L. A. Owners, Christian Women's Board of Missions, Indianapolis. Contractors, Ganger Construction Co., Laughlin Bldg., L. A. Contract price, \$23,251.

APARTMENT HOUSE—4 story and base, brick and steel, \$100,000. Portland, Ore. Architects, Claussen & Claussen, Macleay Bldg., Portland. Owner, Mrs. C. Brown. The building will be erected at the southwest corner of 14th and Yamhill streets and will cover an area of 100 feet square. There will be a total of 66 apartments of two and three rooms. Interiors will be finished in pine and some hardwood veneer. There will be steam heat, elevator service, dumb waiters, a vacuum cleaning system and hot water supply. All apartments will have wall beds and private bath rooms. Hardwood floors will be used in the living rooms. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

DOCKS AND DREDGING—Cost not stated. Astoria, Ore. Engineer, F. J. Walsh, Port of Astoria Commission. Astoria. Owners, City of Astoria. Plans have been completed and figures are now being taken on the foundation work for the new docks and wharves which are to be erected at Astoria. In the neighborhood of 7,000 piles of from 50 to 75 feet will be required as well as about 1,000,000 cubic yards of dredging. The docks will be erected in units of which several are planned. Two docks will be built at this time, each of which will be 90 feet wide and 1,000 feet long. About 3,000 feet of bulkheading will also be required. Plans are now out for figures and can be secured by addressing the engineer.

BRIDGE—Steel and concrete. Cost not stated. Kellogg, Ore. Engineer, Horace C. Hall, Grants Pass, Ore. Owners, Douglas County. The bridge will consist of two main spans each 200 feet long and a third span of 125 feet. Approaches will be of concrete. The bridge will have a sixteen-foot roadway. Plans are complete and bids will close May 12th. Plans and specifications can be secured from the engineer.

CHURCH—2 story and base, brick and frame. Cost not stated. Rose City Park, Ore. Architect, L. R. Bailey, Abington Bldg., Portland. Owners, Methodist Church of Rose City Park. The building will contain a large auditorium and Sunday school rooms. Only the first unit will be erected at the present time, costing in the neighborhood of \$10,000. Interior finish will be of pine throughout. A steam heating system will be installed. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

LODGE HALL—4 story and base, brick, \$20,000. Silverton, Ore. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Owners, Masonic Hall Association of Silverton. The building will cover an area of 82 by 82 feet, and has been designed for four stores on the first floor and 18 offices on the second floor. Upper two floors will be arranged for the lodge rooms, ball room and auditorium. Interior finish will be of pine with a hardwood floor in the ball room. There will be steam heat and elevator service. Patent store fronts are specified. Exterior will be faced with pressed brick trimmed with terra cotta. Plans are now being prepared and bids will

be called for within three weeks or a month.

SCHOOL—3 story and base, brick, \$100,000. The Dalles, Ore. Architect, C. J. Grandall. The Dalles. Owners, City of The Dalles. The building has been designed in the classic style and will cover a large ground area. Besides the class rooms plans provide for an auditorium seating 600 people and equipped with a modern stage. There will also be a large gymnasium, library and manual training and domestic science rooms. Interior finish will be of pine with hardwood floors. Plans provide for steam heat, program clocks and a vacuum cleaning system. Slate blackboards are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken. Separate bids will be taken for the heating and plumbing. Plans can be secured from the architect.

SCHOOL ALTERATIONS AND ADDITIONS—2 story and base, brick, \$20,000. Astoria, Ore. Architects, Whitehouse & Foulhoux. Wilcox Bldg. Portland. Owners, Astoria School District. The work will consist of an addition to be used for an auditorium, this will contain a gallery with a seating capacity of 800 and will be of brick construction. The balance of the work will be altering and repairing the interior of the school building. Bids for the work are to be submitted to W. A. Sherman, Clerk of the School District. Separate bids will be received for the heating and electric wiring. Plans are complete and figures are now being taken.

Contracts Awarded.

HOTEL—3 story and base, brick, \$20,000. Portland, Ore. Architect, C. Spies. Kenton. Ore. Owner, Mr. Nary. Contractor, C. Spies, Kenton Ore. Contract price, \$20,000.

SEATTLE AND WASHINGTON.

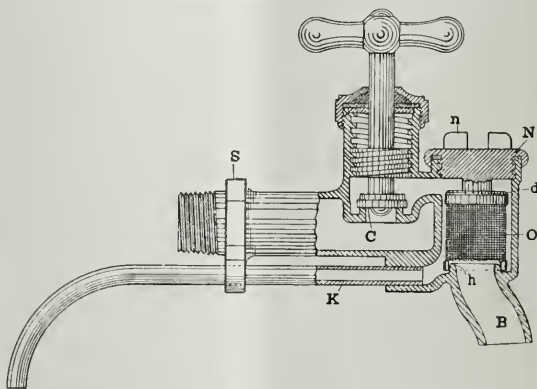
APARTMENT HOUSE—5 story and base, brick and steel, \$60,000. Seattle, Wash. Architect, David Dow, 21st and Spruce streets, Seattle. Owner, H. M. Richmond. The building will be erected on 7th avenue near Pine street, covering an area of 60 by 120 feet. The building will contain a total of 125 rooms which will be arranged in 13 three room suites and 40 two room. Interior finish will be largely of pine with some hardwood veneer and oak floors. There will be steam heat, elevator and dumb waiters, a hot water supply and vacuum cleaning. All suites will have wall beds and private bath rooms. Bath rooms will have the wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are complete and figures are being taken.

COURT HOUSE GROUP—2 and 5 story and base. Class A construction, \$950,000. Seattle, Wash. Architect, A. Warren Gould, American Bank Bldg., Seattle. Owners City of Seattle. The building will be erected on the property bounded by Third avenue, James, Jefferson and Fourth avenue. The Third avenue frontage will be five stories high and the Fourth avenue but three stories. Construction will be fireproof with a complete steel frame, reinforced concrete floors and roof. Interior partitions will be of hollow tile.

Exterior will be faced with tile and terra cotta. Hardwood and metal trim will be used. There will be steam heat, vacuum cleaning, elevator service and fireproof vaults. Plans have been revised and new figures will be called for within a very short time.

OFFICERS' QUARTERS—2 story and base, brick, \$60,000. Fort Worden, Wash. Architect, Chief Constructing Quartermaster Office, Washington, D. C. Owners, United States Government. Plans have been completed and forwarded to Fort Worden for the new officers' quarters.

The main building will be 32 by 84 feet with a wing 58 by 85 feet. Each apartment will contain six rooms. Interior finish will be of pine. There will be hardwood floors and open fire places. Plans provide for steam heat and a hot water supply. Bath rooms will tile floors and wainscot. Exterior of the building will be faced with pressed brick. Bids are now being taken and will be opened in Washington, D. C., on May 20th.



A COMBINATION FILTER AND FAUCET.

The cut above illustrates a self-cleaning filter and faucet combined, recently perfected by Mr. F. L. Guillemet of this city. The faucet part proper is the same as in the regular compression bibbs on the market and will be understood at a glance, the water valve (C) being opened and closed in the usual manner by turning the handle, but a filter chamber is formed above the spout (B) and a filter (O) fitted therein, and the water has to pass through this filter before reaching the spout. The filter is cylindrical in shape and open at both ends, but the top end is closed by a cap (D), which is provided with a disk fitting snugly inside the end of the filter. Said cap is made of one piece with the plug (N) and connected with it by a short stem, so that when the plug (N) is removed, the filter will come out with it, but can be detached. Plug (N) is provided with four lugs (n) arranged in a square, for insertion of any small rod or a spike for tightening the plug when no monkey wrench is at hand, but hand power alone may be sufficient in most cases.

The lower end of the filter fits nicely around a collar (h), the lower part of the filter being broken away to show this collar. Now it will be seen that the water has to pass from the outside to the inside of the filter for reaching the spout (B), which increases very materially its resisting strength against water pressure and the water does not tend to open the pores of the filter in passing through it. The bottom of the filter is connected with a small passage or tubing (K) designed to carry away the impurities in the water in proportion as they are stopped by the filter. This passage remains always open and therefore whenever water is drawn out a streamlet flows through this passage at the same time it flows through the spout. The tube (K) passes through a perforated lug which acts as a bracket below the nut (S), and the end of the tube is bent downward more or less, so as to direct the streamlet of impure water to drop on the slanting side of the sink.

The tube K is long enough to prevent what is known as the venturi tube effect whereby a fluid at any given pressure flows faster through a narrow opening than through a larger one. In parts where water is very scarce and expensive, a long piece of rubber tubing may be attached to the tube K for collecting the waste water to be used for other than drinking or culinary purposes.

The space around the filter is designedly made very narrow to accelerate the speed of the water as it flows down the flank of the filter so as to give the impurities in the water no chance to stick to the filter.

The filter is intended to be made of brass gauze No. 200, which is from 4 to 10 times as fine as any kind of cloth usually attached to faucets for filtering purposes.

It will do away with this crude method of filtering; being much more efficient, self cleaning, and changeable when worn out. Anyone wishing to investigate further into this should communicate with the inventor, F. L. Guillemet, 3529 Mission street, San Francisco.

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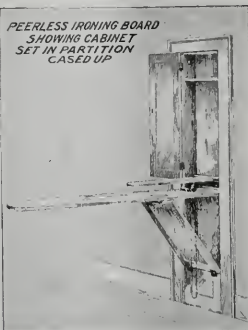
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Carran, John
Cashman, M. J.

Connell, J. E.
Campbell, Chas.
Chalmers, H. A.
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Domico, Tony
Duthie, Chas.

Eastman, Jos.
Fitz, R. D.
Franza, S.
Fraser, Simon

Fay, J.
Folberg & Mc-

Claffery
Glosser, Geo.
Gilmour, Wm. G.
Greene, Asack

Hines, Howard
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Karib, Paul
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Lottins, R. J.
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Co.
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Piconi, J. M.

Powers, J. J.

Sullivan, D. F.

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lyn.
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Forderer Cornice
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Door Openers.
Rischmuller, Geo.

Flint & Mortar.

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Kuyken, J. O.
Malley, Edward.
Mathies, Henry
Penock, John
Schnebley, H. S. &
Lawrence & Ped-
grift
Van Sant-Hough-
ton Co.

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dow Glass Co.
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Glass Co.
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Co.
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Howlett
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Wilde Co., A.
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Wright, Chas.
Monarch Teaming
Co.
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McLennan, S. B.
Granite.
Bradbury, Thos.
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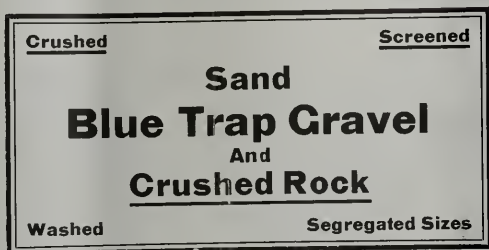
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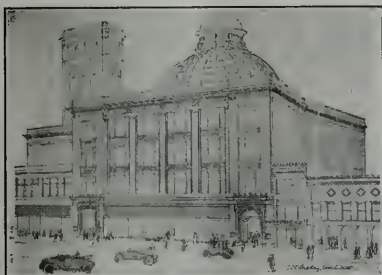
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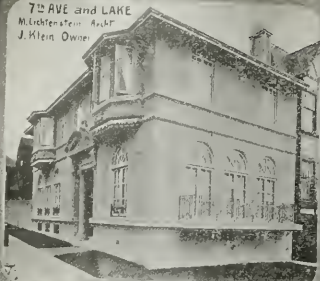
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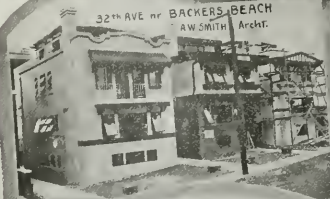
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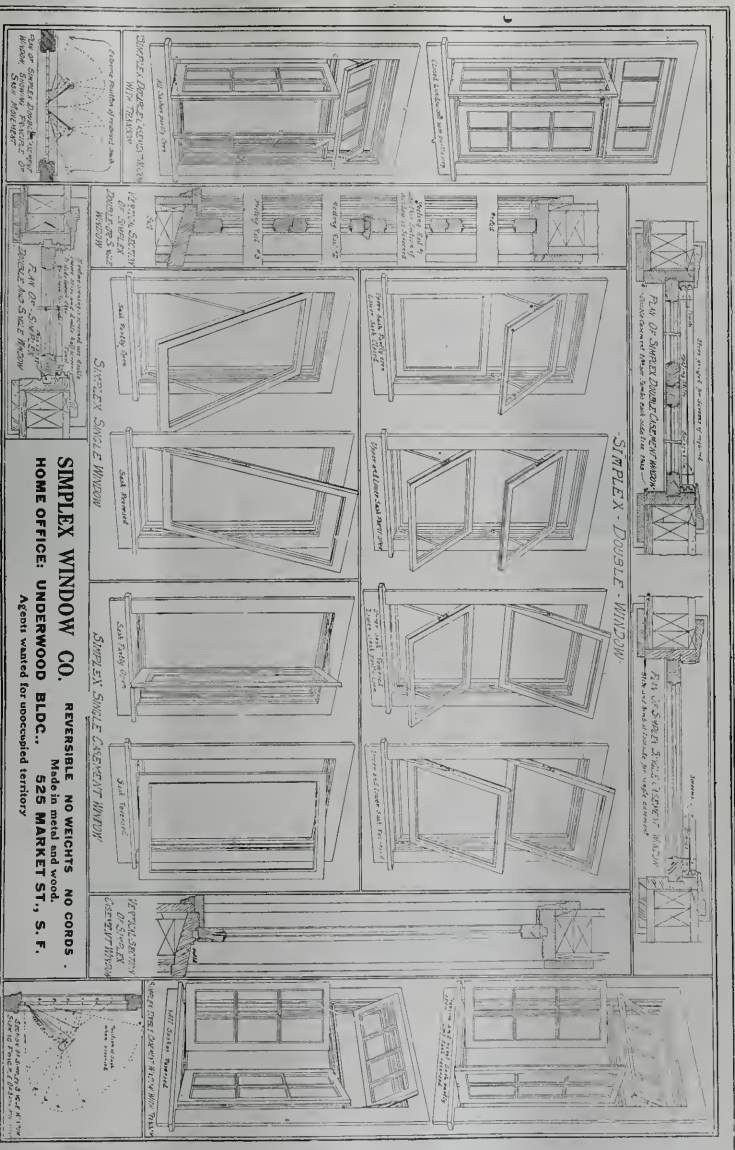
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San Francisco, MAY 13, 1914

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Editorial Comment.

Building operations for the month of April fell somewhat behind that of the previous months. Stated in the figures tabulated from the permits issued and contracts filed the record is as follows: Brick and concrete, \$340,176; frame, \$902,555; alterations, \$178,825 making a total of \$1,921,556 for private work; to this is added \$231,131 for city building construction, \$71,686 for street work, \$217,036 for State work and \$8,700 for U. S. Government construction within the city limits; also there is \$280,790 of work on the Panama-Pacific Exposition, making in all a total of \$2,795,350 for the month. This averages up for the year, for commencing with January 1914, the totals are as follows:

January, 1914	\$1,828,563
February, 1914	2,331,866
March, 1914	3,507,763
April, 1914	2,795,350
Compared to previous years the record is as follows:	
April, 1905	\$2,226,555
April, 1906	3,096,561
April, 1907	6,556,007
April, 1908	3,306,676
April, 1909	3,330,909
April, 1910	3,383,269
April, 1911	2,139,696
April, 1912	3,435,334
April, 1913	3,327,584
April, 1914	2,795,350

Generally speaking the month of April has usually been a pretty good one for the building business. Comparing the figures for the past ten years, the record shows more than an average of 2 millions. It must be remembered that the above figures are for private construction up to 1913, but since that time the total contains all the work of the City, State and U. S. Government. Altogether the figures show a record about what could be expected under present conditions. Frame buildings predominated over permanent construction so that the inference is that dwelling houses and flats are being built and that the ordinary private construction is about up to normal.

There has recently been demolished, ten-story tower building at 60 Broadway, New York city. The building was erected in 1889 and has been in service for a quarter of a century. Naturally to make way for a larger structure, a condition of its framework was a matter of interest for architects and engineers. The frame consisted of cast iron columns and wrought iron floor beams. The floors were of flat-arch, terra cotta construction. The framework was found to be in excellent condition, the wrought iron beams

showing a practical absence of rust, and the cast iron columns, with a three-inch cast iron shell around them for fire protection, showing only a few localized patches of rust and heavy rusting only at a few special points.

In these days of steel construction we ordinarily forget the fact that this form of structure has been in use only a quarter of a century. That there has not really been time enough yet to test the enduring qualities and that practically few of these structures have ever been torn down so that it has not been possible to determine the life of steel under the ordinary conditions of building construction.

Up to the second election of Diaz, in 1884, Mexico had fifty-two Dictators, Presidents and rulers in fifty-nine years.

The statement may seem incredible, but it is made on the authority of the British Encyclopedia.

An even Diaz, who crushed many incipient revolutions with a hand of iron, at last was forced to leave the country by the Mexican love of change.

Judging the future by the past then there seems little hope of establishment of any stable government in Mexico by means of mediation. There may come some man strong enough who will have the support of a majority of the people long enough to restore order in the country, but it is doubtful. It seems impossible for a people of their mold to ever work out any sort of salvation for themselves.

A MOVEMENT FOR GOOD ROADS.

The American Highway Association and the American Bar Association have inaugurated a movement to remove from the statute books of various States, ancient and obsolete road laws which have been on those books more than one hundred years. The first step in the revision of the State road laws would be to recommend that all obsolete and unnecessary laws be rescinded. Certain basic features of good administration will be urged by the joint committees, such as payment of road taxes in cash, elimination of unnecessary officials, the requirement of skilled supervision in construction and maintenance, constant employment of highway engineers, the substitution of appointed for elected officials and the substitution of continuous maintenance for the present intermittent methods.

The unbought loyalty of men is the cheap defense of nations.

The Problem Of The High Cost Of Living

The Futility of Local Effort.

By John P. Young.

Reprinted from the Proceedings of the Commonwealth.

The attempt to discover a remedy for the real or fancied evils of rising prices by studying local phenomena can produce no good result. On the contrary, it is calculated to do mischief by obscuring the true cause of the thing complained of, thus tending to deter the application of a really efficacious remedy. If there is a real economic disease to be cured.

No fact is better established than the complete interdependence of the people of a country in which no internal tax barriers are reared. The United States is such a country, and the commercial relations between its inhabitants are so close that the same price levels are maintained throughout its length and breadth. Any variations from the general level are wholly attributable to added costs incurred through bringing commodities from distant points where produced or manufactured to the places where they are consumed.

If there are departures from this general rule, investigation will disclose that they are due to causes which can not be reached except through regulations of the sort which deprive people of liberty of action. To illustrate: It might be feasible by municipal ordinance to establish markets or a huge general market at some central point in the city; but in order to insure its success it would be necessary to prohibit the convenient but costly green grocery. Actual experience in San Francisco demonstrates that this is the case. Free markets so called, have been founded, but they have failed of success through lack of patronage.

Convenience More Than Cheapness.

Unquestionably the neighborhood store is uneconomic, but the number is constantly increasing in this and other cities, despite the fact that the department stores which buy on a large scale sell much more cheaply. The citizen might be compelled by municipal ordinance to forego convenience for cheapness, but there is grave reason to doubt whether there would be an economic gain. A paper of pins might be sold in a department store for 5 cents, but if the housekeeper who lived two or three miles distant from the large establishment had to consume two or three hours' time or spend 10 cents for car fare when she wished to buy pins she would not effect a great saving. The small store can be proved wasteful, but its persistence shows that the demonstration is only theoretically sound and that in practice it fills an economic want.

In the last analysis it will be found that the increased cost of living represents an increase of units of satisfaction. It has been said that "the cost of high living" is at the bottom of the modern trouble, but the saying, while containing an economic truth, is unfortunate, because the words chosen to express the idea convey the impression that the people are revelling in luxury. "High living" in the minds of most men

stands for luxurious living, and that condition has not yet been attained by the masses.

Higher Standard of Living.

But the evidence is overwhelming that there has been a vast improvement in the mode of life of peoples living in countries where the prices of commodities which have come to be regarded as necessities are high; while, on the other hand, in those lands where the demands of the people are few the things consumed by them are low priced. China and India furnish notable examples of cheap living, and the variety and quantity of their consumption harmonize with the low range of prices in those countries. The United States presents the other extreme. The standard of living in this country is not proved by the fact that the per capita consumption of food products is greater than in other lands; it is established by the evidence that the people generally demand a greater variety for the table and insist upon the employment of a vastly larger number of articles of furniture and adornment and of conveniences and amusements.

As the propensity to indulgence of this sort increases it is usually accompanied by a change of local price level. It is not likely that this tendency can be arrested in any locality unless, indeed, the disposition to enact minimum wage laws should increase to such an extent as to arouse a recrudescence to the natural laws which Adam Smith and other economists claimed was in constant operation under the competitive system—that of pressing wages to the limit of subsistence. If that result occurs it will come about through an extension of the altruistic idea responsible for the legislation which assumes that any person willing to work should receive a reward sufficiently great to subsist him. The legislator who attempts to designate the amount necessary to properly subsist an individual may easily be induced to prescribe by law what constitutes proper subsistence. If regulation has the effect which economists predict, of curtailing production, of necessity the standard of living will be lowered, as there will be less to go around.

At present it does not appear as if the problem would work out in the manner suggested. When Adam Smith wrote, and for nearly three-quarters of a century afterward, the competition of labor was unrestricted, but with the advent of modern trades unionism a new factor entered. The operation of the assumed natural law was suspended. By combination the worker was enabled to secure a greater share of the things he helped to produce, and he succeeded measurably in improving his condition, a fact which exhibited itself in a steady elevation of the standard of living in all countries, but more particularly in those possessed of great natural resources and in which inventiveness has enlarged the ability to produce.

The Standards of Living.

If we convert the phrase "improved standard of living" into what it really represents, namely, an increased demand for things, we have what seems a simple explanation of the cause of rising prices, or we should have, if it were possible to preserve an invariable standard by which to measure values. But there is no such monetary standard, and for that reason it is impossible to tell from a comparison of the prices of one period with those of another, whether the standard of living has been elevated or lowered. There is only one way of testing the matter, and that is to ascertain whether consumption has increased or diminished. In other words, nominal prices do not gauge the degree of prosperity attained by a community. That is determined by volume of production and the quantity of consumable goods shared by the people. If a country is able to consume 600 pounds of iron, per capita, per annum at 10 cents a pound, iron is cheaper in that country than in those countries where one-sixth of that quantity is consumed at 5 cents a pound.

The individual may suffer from an ascending scale of prices, but the masses do not, if concurrently with the rise there is an increased production which enlarges the quantity of things consumable. That has been shown during the so-called boom periods, one of the most recent and striking of which was that which followed the election of McKinley in 1896. The student of prices who will take the trouble to study the index numbers of recognized authorities will not that during the twenty-three years preceding that date there was a comparatively steady fall from a high to a low level, and that during the seventeen years following the range has been upward. I have not had occasion to estimate the percentage of decline and advance recently, but a couple of years ago the drop between 1873 and 1896 was nearly the equivalent of the rise after that date, the apex of two comparative periods of rise being nearly on a level.

Increasing Complexity of Living.

If we disregard the story told by price lists and concentrate our attention upon the factors of production and consumption, we discover at once that there was an enormous increase of the latter during the period of ascending prices. In order to comprehend the full significance of this statement we must disregard comparisons which deal with isolated articles or commodities and recognize the fact that the most striking phenomenon of advancing civilization is the steady march from the simple to the complex, and that man, as his condition improves, demands thousands of things, where he was formerly content or was compelled to accept a few. If the world had been satisfied to live on bread and meat, as its meager populations did during the Middle Ages, those products would be relatively

abundant and nominally cheap, for the comparatively small number that could exist to enjoy them. But mankind, under improving conditions, diversifies its demands, and in the matter of alimentation becomes more and more epicurean. If this diversification had not taken place; had, for illustration, the simple diet of hog and hominy of the early settlers of the states which were a terra incognita when the thirteen colonies revolted been adhered to, hog and hominy would be much cheaper than they are at present, but there would not be ninety or more millions of Americans clamoring for a fair share of the choicest sugar-cured hams produced in the West.

The beginning of this remarkable diversification may be said practically to date from the closing years of the first half of the nineteenth century, when the hand product began to be superseded by the output of the factory, and it has proceeded without serious interruption, so far as the world at large is concerned for nearly 75 years. There have been periods of depression during this interval, but that fact does not impair the force of the observation that the productive powers of man have been steadily enlarging, and that each succeeding era of prosperity has been marked by enormously increased outputs of all sorts of articles and commodities in which the share of the average man is constantly growing greater.

Increases in the Food Supply.

This general enlargement of output is sometimes obscured by comparisons which take into consideration one or two, or only a very few staple articles, but even in the matter of foodstuffs a careful examination of all the facts will disclose that the volume available for the use of mankind has greatly increased. It may be shown that there is less meat or wheat per capita, but the relatively small deficiency they represent is more than compensated for by the numerous equally acceptable contributions to the table which permit the most illly paid laborer to vary his diet in a fashion undreamed of by the populations which enjoyed "cheap" meat and bread. It is easily demonstrable that other grains, the sugar, vegetables, fruit and fish, now so easily obtainable by all classes, more than offset the diminution of the supply of the two staples mentioned; and that their substitution for the unvarying bread and meat diet has proved highly beneficial to the human race, and is an important factor in promoting the increased longevity which the insurance tables show us is one of the marked characteristics of the present age.

Turning from alimentation to the other causes which contribute to the physical well being of man we find even more convincing evidence that no matter what the price lists may record, the indisputable fact remains that the means of gratifying the very human desire for conveniences and comfort are continually being added to, and that the major part of the addition is enjoyed by the people at large. All the great inventions have contributed to that end. The envious may think and say that the railroad king is the chief beneficiary of the system he created, but that is a mistake. The rich always enjoy opportunities to get about, and if they were very rich they

could travel luxuriously; but the railroad train has made it possible for the mechanic and the day laborer to share the luxury once strictly confined to the affluent. Once kings and barons dined in the doubtful light of smoky torches; now the artisan eats his evening meal, which is as likely to be appetizing as the barbarous spreads of baronial halls, under the softened rays of an electric lamp.

Effects of Rising and Falling Prices.

It is obvious, then, that the price aberrations which fill so large a space in the public mind, while they cause great inconvenience and more or less hardship, do not have the effect generally assumed of hindering the progress of mankind. And least of all is there any ground for the assumption that rising prices cause interruptions of advancement. Prosperity and boom always concur with ascending prices; depression is the invariable accompaniment of descending prices. The optimistic form of speculation, which takes the shape of discounting the future, never asserts itself unless there is a prospect of a rise; the pessimist is the king of the market when the signs indicate a fall. These are mere truisms, and need no illustration or statistical corroboration. They are indisputable facts known to all men.

Whatever evil attaches to high or ascending prices must be regarded as the outcome of maladjustment to changing conditions due to a cause beyond the control of individuals, communities or even nations. They are the result of a variable standard of value. The condition produced by the variation may be corrected, but there is no possibility—except a theoretical one—of preventing the variation while we adhere to an indeterminate measure. The individual, by the exercise of economies, a process which is tantamount to the practice of self-denial may adjust his income to the change, or he may succeed in compelling someone else to make good his deficiency caused by the process of adjustment of the mass of production to the increase of the measure of values, but these efforts must, in the nature of things, prove powerless to arrest the operation of a universal phenomenon which on analysis is seen to be responsive to the economic law of supply and demand.

Explanations Offered for Current Increases.

There are those who think that this economic law may be set aside, but the effort to do so will prove no more successful than that of the arrogant king who commanded the waters of the sea to recede. A variety of causes have been suggested to explain the rise of prices since 1896, and a public unwilling to investigate has demanded their abatement or removal. But the experiences of recent years unmistakably point to the fact that while the things complained of and denounced may be evils, their elimination would not have the effect desired. It is said that the tariff is responsible for the increased cost of commodities in this country, but those who make this assertion ignore the fact that the McKinley bill, which was enacted into law during the period of falling prices, between 1873 and 1896, was powerless to arrest the decline. The index numbers show con-

clusively that while the measure undoubtedly had the effect of stimulating protected industries within the borders of this country, the products of those industries shared in the universal decline. This being the case, it would have been about as reasonable to hold the McKinley high protective tariff responsible for the fall in prices after its enactment as it is now to assert that the later Dingley and Payne-Aldrich measures account for the present high level.

Effects of Taxation.

Another explanation offered is that connected with increasing taxation, but it is easily demonstrable that that phenomenon was in operation on a relatively greater scale before the turn of the tide in 1896 than since that date. Americans who forget that it was during the period of falling prices that our appropriations mounted at such a rate that the nickname "billion-dollar" Congress was bestowed have poor memories. One of the strongest points made by bimetalists during the discussion over the standards was that the effect of falling prices was to disguise or conceal increasing taxation. From a monograph, which I wrote in 1895, I extract the following, the figures of which were derived from the Statesman's Year Book:

In 1873 the total actual payments out of the British exchequer footed up £70,714,448. In 1894 they had increased to £91,392,846. In 1871 the population of Great Britain was 31,628,358, in 1894 it was probably 39,000,000—the census of 1891 made it 38,104,975. A simple calculation shows that the per capita expenditure in the first-named year was £2 4s 9d and in 1894 it had increased to £2 9s 6½d.

The view of the English and Continental bimetalists that increasing taxes in the face of declining prices was pernicious seems far more rational than the assumption of the critics of the present high prices, who may reasonably be suspected of confounding cause and effect. When prices were descending and nominal taxes were rising there could be no doubt that the burden of the taxpayer was being increased both relatively and absolutely, but when the expenditures of a government are only nominally increased during a period of ascending prices the increase may be more apparent than real. If the cost of government as expressed in dollars and cents is increased fifty per cent during a period in which properly constructed tables of index numbers show that the general rise of prices has also been fifty per cent, the obvious inference from the concurrent upward movement is that the rising prices compelled increased governmental expenditures; but on the other hand, if governmental expenditures show a nominal increase during a period of descending prices, there is no escape from the conclusion that legislators indulged in extravagance.

Growth of Expenditures.

Under the circumstances we are compelled to dismiss governmental extravagance from the list of causes that may properly be quoted to explain the nominal price elevation. Excessive expenditure by governments is an evil, and one which often bears with severity on the people governed, but it does not have the effect which some at-

tribute to it. If it did we would not be able to show that nearly all civilized governments were greatly increasing their expenditures during the period of descending prices without in the least tending to arrest the downward trend. Although it is impossible to furnish statistical evidence to support the assertion, yet it is undoubtedly true that individual extravagance was expanding relatively as rapidly during the period of descending prices as it has been since 1896. The exhibitions of extravagance have been more spectacular, but the fact that production was greatly enlarged between 1873 and 1896, and that the increase was more rapid than that of population, establishes that consumption per capita increased, and that is only another way of stating that mankind was becoming more extravagant unless we assume that men were denied the necessities of life before 1873.

Influence of the Middleman.

Another in the list of thirty-two, more or less, causes advanced to explain the rise in prices since 1896 is the multiplication of middlemen. There may be too many, and a host of them might be eliminated if the disposition to dispense with them existed. But it does not, and the fact that the middleman constantly increases in numbers, and that he devotes himself largely to making commodities absolutely dearer by putting them up in attractive packages and selling them in pleasant and sanitary surroundings, clearly establishes that he fills an economic want. That his rewards when successful are earned, is proved by the fact that he works mostly in a field in which monopoly is impossible, and that he is not always successful is shown by the table of failures which tell the story of hundreds of thousands of victims of misplaced confidence in their ability to earn a living by serving the convenience of their fellow man.

But whether an evil or a positive economic benefit, as some economists assert, the middleman flourished and multiplied as greatly during the period of low prices as he does now. Statisticians abundantly support this assertion, and if there is any disinclination to consult dry figures the diatribes of men like Carlyle may be drawn upon. And let us not forget that Edward Bellamy wrote his "Looking Backward" in 1888, and that one of his alluring remedies for the woes of that day was the elimination of the middleman. Curiously enough, Bellamy's dream of great central depots is in constant process of realization, not by the adoption of fantastic socialistic methods, but through the operation of unrestrained individualism which is providing the big department stores and placing within the reach of constantly increasing numbers articles, pleasures and conveniences which in his boldest flights of imagination he failed to foresee.

Influence of the Gold Supply.

I repeat and challenge contradiction, that every phenomenon but one suggested as an explanation of rising prices was in operation during the period of decline. Some of these alleged causes are too puerile to waste attention upon, but all of them were manifest between 1873 and 1896, during which period the drop in prices was as

great as the rise since that date. Sauerheck's index number for the period 1864-73 was 102; for the period 1885-94 it was 69. Middling Orleans cotton in 1872-73 was quoted at 9.65 cents; in 1893-94 the average was 1.25 cents. In 1895, near the culmination of the period of low prices, the American product of pig iron was 6,657,885 tons; in 1907 the output was over 27,000,000 tons, as there any one prepared to assert that the world is not in better case with the enormously increased production of the high price era than it was when the relatively as well as absolutely small product of the low priced period was recorded? If there is any one so bold, let him recall that the output of pig iron increased fourfold while our population increased a little more than twenty-five per cent. If he does he will probably conclude that four times as much iron at a high price is more desirable than a fourth of the quantity at a low price.

It is not my purpose in presenting this argument to intimate that economies are undesirable, but to point out that it is idle to attempt to combat a universal tendency by the application of a local device. The rise in prices since 1896 has been worldwide, and so was the fall during the period between 1873 and 1896. Economists from the time of Adam Smith down to the day when public discussion obscured the causes were agreed that previous alterations from high to low price levels were due to the abundance or scarcity of the basic money metals. They also explain the recent changes which have come under our observation. When prices were falling between 1873 and 1896, the quantity of metal on which the Western world's legal tender system was based was constantly diminishing; since 1896 the store of basic money metal has been enormously increased, and prices have risen. It is the only cause for the decline and rise of prices in the two periods, an analysis of which can be made without disclosing contradictions of the sort contained in all the other explanations offered.

For the reasons given I am inclined to believe that a discussion of the cost of living in California will disclose no facts of value which are not already known. We may, as a result, reach the conclusion that we are individually extravagant, and that we would individually be better off if we curtailed our expenditures, but unless we attack the question in a large way we shall be no nearer determining the cause of the high range of prices, or whether the world would be in better case with low than with high prices.

THE DARWIN SILVER-LEAD MINING DISTRICT, CALIFORNIA.

California, rich in other metallic resources, has never been highly productive of lead ore. Most of the lead produced has come from Cerro Gordo, Darwin, and Modoc districts, all in Inyo County, in the eastern part of the State. The Cerro Gordo district has furnished by far the largest output, having yielded during its most prosperous years \$7,000,000 in silver-bearing lead.

The Darwin district has probably produced between \$2,000,000 and \$3,000,000, according to a report just published by the United States Geological

Survey (Bulletin 580, Part A, by Adolph Knopf). Darwin, the principal settlement of the district, is situated 24 miles southeast of Keeler on Owens Lake, the southern terminus of the Nevada & California Railroad. The name of the district is said to have been derived from Dr. Darwin French who in May, 1860, led a party of 15 men in search of the Gunsight lode. This lode was a mythical silver deposit, which at that time was widely believed to have been founded by the emigrant party that was lost in Death Valley in 1850. In the early part of the decade between 1870 and 1880 silver-bearing lead ores were discovered in the vicinity of Darwin. A town soon sprang up here, and it is said to have had at one time a population of several thousand inhabitants. Three smelters were built in 1876 and a heavy production of base bullion was made. These furnaces, after the activities the first few years, were operated in a desultory way only. Mining and smelting expenses were high, because prior to the completion of the railroad to Keeler in 1883 all freight had to be brought across the desert by teams from Los Angeles, a distance of 275 miles. The richer and more easily mined ore bodies were early exhausted and the district soon lapsed into stagnation occasionally interrupted by periods of activity.

In the early part of 1912 interest in the district was renewed and considerable activity was displayed. It is locally hoped that the introduction of modern machinery and the systematic exploration work now being undertaken at some of the old mines will cause a permanent revival of the mining industry.

The geologic features of the distant are of somewhat more than local interest. The ore bodies, ranging from contact metamorphic deposits of high-temperature origin to fissure veins formed at more moderate temperatures, are enclosed in lime-silicate of late carboniferous age. The lime silicate are due to the metamorphism of originally calcareous and magnesian beds to wollastonite, diopside, and grossularite rocks and are the result of the invasion of the region by quartz diorite of probable Cretaceous age. The inclosure of the ore bodies in strata composed of lime-silicate of this kind is the distinguishing feature of the Darwin district. Somewhat later than this metamorphism, which affected the district as a whole, came the formation of the ore bodies. They were produced by metalliferous vapors and solutions given off from deep-seated bodies of molten rock from which the quartz diorite now seen at the surface crystallized.

The ores consist of silver-bearing galena, together with minor pyrite and zinc blende, commonly associated with a gangue of calcite and fluorite. As a rule the galena is considerably oxidized to lead carbonate and sulphate. There is, however, no evidence of important downward concentration of silver, lead, or zinc through the action of oxidizing solutions, as, indeed, appears unlikely from the prevalence of calcite in the deposits. From this it follows that the value of surface ore is an index of the probable value of ore masses found during deeper exploration.

Films dealing with the special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architect, Herbert Maggs, 125 Alpine street, S. F. Owner's name withheld. The building will be erected on the north side of Sutter street east of Broderick, having a frontage of 27½ feet and a depth of 120 feet. Interior will be arranged for a number of two and three room suites which will be finished in pine and elm. Hardwood floors will be used in the living rooms. There will be steam heat and a hot water supply. All suites will have private baths and wall beds. Bath rooms will be finished in tile with composition floors. Entrance will be wainscoted with tile and marble. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$15,000. Architects, Smith & Stewart, 24 Kearny street, S. F. Owner, Thomas McGrath. The building will be erected at the southeast corner of Larkin and Vallejo streets, and has been designed to contain three large suites of from six to seven rooms. Interiors will be finished in pine and hardwood with some oak floors. There will be a hot water supply and open fire places. Mantels will be of tile. Bath rooms will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath and a brick veneer base. Plans are complete and figures are being taken.

RICHMOND, CONTRA COSTA CO., CAL.—Apartment house and stores, 2 story and base, brick, \$30,000. Architect, A. W. Smith, 1010 Broadway. Oakland. Owner, George L. Yager. The building will be erected at the southwest corner of Macdonald avenue and 17th street, covering an area of 50 by 100 feet. There will be three stores on the first floor, thirteen apartments of two rooms each and two single rooms on the upper floor. Interior will be finished in pine throughout. There will be steam heat and a hot water supply. All suites will have wall beds and private baths. Patent store fronts are specified. Bath rooms will have tile wainscot and composition floors. Exterior will be faced with pressed brick. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$30,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, Mrs. Bertha Overfield. The building will be erected at the corner of Green and Fillmore streets and will cover a considerable ground area. There will be a number of two and three room suites all of which will have private baths and wall beds. Interiors will be finished in pine and redwood with hardwood veneer. Plans provide for steam heat and a hot water system. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with cement plaster on

metal lath. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Apartment house, 4 story and base, Class C construction. Cost not stated. Architect, C. C. Rittenhouse, Washington Bldg., L. A. Owner, A. Jamieson. The building will be erected on Carondelet street near 9th, and will cover an area of 88 by 103 feet. There will be 100 rooms, arranged in two and three room suites. Interior finish will be largely of pine. There will be steam heat, elevator service and a hot water supply. All apartments will have wall beds and private bath rooms. Tile wainscot and composition floors will be used in the bath rooms. Entrance will be finished in tile and marble. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick and steel, \$100,000. Architect, Frank M. Tyler, Black Bldg., L. A. Owner, G. Rupert Johnson. The building will be erected at the corner of Ingraham and Wither streets, and will cover a considerable ground area. Interior will contain a total of 172 rooms, arranged in two and three room apartments. Interior finish will be of pine and hardwood. There will be steam heat, two electric elevators and a hot water supply. All apartments will have wall beds and private bath rooms. Bath rooms will have tile floors and wainscot. Entrance will be finished in marble. Exterior of the building will be faced with pressed brick. Plans are complete and the work is being done by Day Labor.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick, \$50,000. Architects, C. F. Borton Co., Hibernian Bldg., L. A. Owner, Laura Borton. Contractors, C. F. Borton Co., Hibernian Bldg., L. A. Contract price, \$50,000.

BANKS.

OHIO, BUTTE CO., CAL.—Bank alteration, 2 story and base, brick. Cost not stated. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, People's Savings and Commercial Bank. The present building, occupied as a store, will undergo extensive alteration. The work will require new interior finish, bank fixtures, plumbing, heating, electric work, ornamental plaster work and ornamental iron and bronze. Bank vaults will also be installed. Plans are now being prepared.

BRIDGES AND DAMS.

SAN FRANCISCO—Pier No. 15, crescent pile construction. Cost not stated. Engineer, Jerome Newman, Union Ferry Bldg., S. F. Owners, State of California. Bids opened for the construction of Pier No. 15 on the San Francisco water front by the State Board of Harbor Commissioners show the San Francisco Bridge Co. low on one proposition at \$68,760, and the Healy-Tibbitts Construction Co. low on

the other proposition at \$75,557. A complete list of the bids will be found under the heading of San Francisco in this issue.

MARYSVILLE, YUBA CO., CAL.—Levee construction. Cost not stated. Engineer, James R. Meek, Marysville. Owners, Reclamation District No. 10, Yuba County. Plans have been completed for the constructing of levees and considerable reclamation work. Bids are now being called for and will be opened on May 15th. Plans can be secured from the engineer at Marysville. An official proposal appears in another column of this issue.

Contracts Awarded.

FAIRFIELD, SOLANO CO., CAL.—Bridge abutments, reinforced concrete. Cost not stated. Engineer, County Surveyor, Fairfield. Owners, Solano County. Contractors, Brann & Freitas, Rio Vista. Contract price, \$2,500.

SPOKANE, WASH.—Bridge, steel and concrete, \$100,000. Engineer, Engineering Department Oregon-Washington Railroad and Navigation Co. Owners, Oregon-Washington Railroad and Navigation Co. Contractor, Robert Wakfield, Worcester Bldg., Portland. Contract price, \$100,000.

VICTORIA, B. C.—Piers, etc. Cost not stated, \$250,000. Engineer's name not given. Owners, Canadian Government. Contractors, Grant Smith and McDonnell, Vancouver. These contractors have awarded a subcontract for the structural steel to E. G. Prior & Co., Vancouver, for \$250,000.

CHURCHES.

SAN FRANCISCO, CAL.—1 story and base, frame. Cost not stated. Architect, Edgar A. Mathews, Phelan Bldg., S. F. Owners, Christian Science Church. This building, the third to be erected in San Francisco, will be located on Haight street near the Park and will cover a large ground area. There will be several reading rooms and study rooms besides the main auditorium. Interior finish will be of pine throughout. Plans provide for a central heating system. Exterior will be faced with cement plaster. Plans are nearly complete.

NAPA, NAPA CO., CAL.—Church, 1 story and base, brick or reinforced concrete, \$20,000. Architect, L. M. Turton, Napa. Owners, Methodist Church of Napa. The building will probably be designed in the classic style, although details have not been settled. The architect is now engaged on preliminary studies. There will be a large main auditorium, Sunday school rooms and pastor's study. Interior finish will be of pine. There will be a central heating system and art glass windows. Exterior will be faced with cement plaster or pressed brick. Further mention will be made of this work shortly.

HOLLYWOOD, LOS ANGELES CO., CAL.—Church, 1 story and base, frame and plaster, \$25,000. Architect, Robert H. Orr, Van Nuys Bldg., L. A. Owners, Hollywood Methodist Church Congregation. No details of the building have been given out, but it is understood that the design will be in the Mission style with exterior covered with cement plaster on metal lath. There will be a main auditorium, Sunday school rooms and pastor's study. Interior finish will be of pine. Art glass windows will be installed. Plans are now being prepared. Further men-

tion will be made of the work.

MARSHFIELD, ORE.—Church, 2 story and base, reinforced concrete, \$30,000. Architect, Benjamin Ostlund, Marshfield. Owners, St. Monica Roman Catholic Church. The building has been designed in the Gothic style and will cover a large area. There will be the main auditorium, Sunday school rooms and several smaller rooms. Interior will be finished in pine with ornamental plaster. Plans provide for a vapor system of heating. There will be art and leaded glass. Exterior of the building will be faced with cement plaster. Working drawings are complete and figures will be called for at once.

FACTORIES & WAREHOUSES.

SEATTLE, WASH.—Cold storage warehouse, 5 story and base, reinforced concrete, \$400,000. Engineer, Port of Seattle Commission, Seattle. Owners, City of Seattle. This work is known as Project No. 4 of the Port of Seattle. The building will cover a large area and will be fireproof throughout. The Commission's plans are complete and they are calling for figures to be opened on May 25th. Contractors are also invited to submit plans and specifications containing alternate methods of construction with their figures. Plans can be secured from the Port of Seattle Commission, General Bldg., Seattle. An official proposal appears in this issue.

PORTLAND, ORE.—Laundry, 2 story and base, \$20,000. Architects, Emil Schacht & Son, Commonwealth Bldg., Portland. Owner, C. A. Wagner. The building will be erected at a corner and will cover an area of 80 by 193 feet. The entire structure will be occupied by the laundry. Interior finish will be of pine. Special machinery will be installed. Exterior will be faced with stock brick. Plans are complete and figures are being taken.

SAN FRANCISCO—Tank house, reinforced concrete, \$5,000. Architects, Righetti & Headman, Phelan Bldg., S. F. Owner, J. Allee. This work will be done at the large plant of J. Allee, 248 Folsom street. The tank house will be 30 by 33 feet. Steel columns and roof trusses are specified. Metal lath and plaster will be used. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

MARSHFIELD, ORE.—Factory, 1 story and base, reinforced concrete, \$14,000. Architect, Benjamin Ostlund, Marshfield. Owners, Jones Bros. The building will cover a large ground area and will be practically fireproof throughout. There will be reinforced concrete walls, floors and roof. Interior finish will be of pine. Plans provide for metal window sash and frames. Special laundry machinery will be required. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

LOS ANGELES, CAL.—Stable, 1 story, brick, \$5,000. Architect, Frank M. Tyler, Black Bldg., L. A. Owner, Davis Standard Breed Co. The building will be erected at the corner of First and Beaudry streets, covering an area of 50 by 150 feet. Interior will be finished in rough plaster and pine. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

FIRE HOUSES AND JAILS.

OAKLAND, CAL.—Police station, 1 story, frame, \$5,000. Architect's name not given. Owners, City of Oakland. Bids were opened on Thursday last by the City Council for constructing a branch police station. The lowest figures were submitted by W. C. Thornally at \$5,450. No award of contract was made. A list of the bids received will be found under the heading of Oakland and Alameda County in this issue.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, none. Owner, Emil Nelson, 580 Jersey street, S. F. The building will be erected on the north side of Rivoili east of Stanyan street, and will cover an area of 25 by 52 feet. There will be two modern flats of five and six rooms. Interior finish will be of pine and redwood. Oak floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by day labor. Materials are now being purchased.

SAN FRANCISCO—Flats, 3 story and base, frame, \$10,000. Architect, E. E. Young, 251 Kearny street, S. F. Owner, Edward E. Young. The building will be erected on the north side of Pine street west of Hyde, covering an area of 25 by 96 feet. There will be six modern flats of four, five and six rooms. Interiors will be finished in pine, hardwood veneer and oak floors. Each living room will have an open fire place and tile mantel. There will be automatic water heaters installed. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are being purchased.

SAN FRANCISCO—Flats, 3, 2 story and base, frame, \$4,000 each. Architect, none. Owners, C. J. and W. J. Keenan, 300 Webster street, S. F. These buildings will be erected on the west side of 14th avenue near California. Each has been designed to contain two modern flats of five and six rooms. Interiors will be finished in pine and redwood with some elm panels and beam ceilings. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Automatic water heaters are specified. Bath rooms will have tile wainscot and composition floors. Exterior will be covered with shiplap and rustic with a brick veneer base. Plans are complete and in the hands of the owners who will do the work by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, E. E. Young, 251 Kearny street, S. F. Owner, Thomas Scoble, 363 14th avenue. The building will be erected on the east side of 9th avenue near Balboa, and will have a frontage of 30 feet by a depth of 65 feet. There will be two flats of five and six rooms. Interior

finish will be of pine and redwood with some hardwood floors. Open fire places and tile mantels will be used. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

GARAGES.

SAN FRANCISCO—Garage, 2 story and base. Class A construction. Architect, none. Owner, H. A. Schroeder, 3151 Sacramento street, S. F. The building will be erected on the north side of Green street east of Octavia, and will have a frontage of 55 feet and a depth of 137½ feet. Construction will be fireproof with reinforced concrete foundation, brick exterior walls and steel roof trusses. There will be the usual storage space, office and a completely equipped machine shop. Interior will be finished in pine with a cement floor. Special gasoline storage tanks will be installed. Exterior of the building will be faced with cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Garage, 1 and 2 story and base. Class A construction, \$10,000. Architect, Sylvain Schnaitacher, First National Bank Bldg., S. F. Owner, G. P. W. Jensen. The building will be erected for the Taxi Cab Company of California, and will occupy the northeast corner of Bush and Larkin streets, covering an area of 137½ by 137½ feet. Construction will be fireproof throughout with a steel frame, reinforced concrete walls, floors and roof slabs. There will be steel roof trusses. Plans provide for a large amount of storage space and a machine shop. Metal window sash and frames will also be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

HALLS & SOCIETY BLDGS.

SAN FRANCISCO—City Hall, 4 story, dome and base. Class A construction, \$450,000. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Bids were opened at the last Wednesday afternoon meeting of the Board of Public Works for the metal lath and furring and plastering for the new city hall. Three propositions were asked for: First, the plastering; second, for the metal lath and furring; and third, for both metal lath and furring and plastering. Gustave Johnson was low on proposition three at \$171,000. A complete list of the bids received will be found under the heading of San Francisco in this issue.

Contracts Awarded.

KLAMATH FALLS, ORE.—City Hall, 2 story and base, brick and stone, \$36,884. Architects, Veghte & Co., Klamath Falls. Owners, City of Klamath Falls. Contractors, Cofer Bros., Klamath Falls. Contract price, \$36,884.

COLUSA, CAL.—Hall of Records, 2 story and base, reinforced concrete, \$50,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Colusa County. Con-

tractors, Williams Bros. & Henderson, Holbrook Bldg., S. F. Contract price, \$145,585. A complete list of these figures will be found under the heading of Sacramento, Stockton and Northern California.

HOSPITALS

NAPA, NAPA CO., CAL.—Hospital dairy buildings, frame and concrete. Cost not stated. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Plans have been completed by the State Department of Engineering for a new dairy building and a concrete silo to be erected at the Napa State Hospital. Plans are now out for figures and may be secured from the State Department of Engineering at Sacramento. Bids will be opened on June 3rd. An official proposal appears in another column of this issue.

TALMAGE, MENDOCINO CO., CAL.—Gas holder and tank. Cost not stated. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids will be opened on June 1st for constructing a gas holder, framing and tank at the Mendocino State Hospital at Talmage. Plans can be secured from the State Department of Engineering, Sacramento. An official proposal appears in another column of this issue.

STOCKTON, SAN JOAQUIN CO., CAL.—Dairy buildings, frame and concrete. Cost not stated. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids will be opened on June 4th for constructing new dairy buildings at the Stockton State Hospital. Plans can be secured from the State Department of Engineering, Sacramento. An official proposal appears in another column of this issue.

SACRAMENTO, CAL.—Hospital group, 1, 2 and 3 story and base, reinforced concrete or brick. Cost not stated. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, Sacramento County. Architect Herold has just been commissioned to prepare plans for a large group of modern hospital buildings to be erected on the old infirmary site. The cost and nature of construction have not been determined as yet. Further mention will be made of the work as the plans progress.

SAN FRANCISCO—Hospital yard work and lighting fixtures. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened for the yard work, brick walls, fence work, etc., at the San Francisco Hospital show C. L. Wold low on the four propositions. He will probably be awarded the work. The Ickelheimer Bros. were low on the lighting fixtures at \$12,780. A complete list of these figures appears under the heading of San Francisco in this issue.

Contracts Awarded.

NAPA, NAPA CO., CAL.—Pay cottage, 1 story, frame and concrete. Cost not stated. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Contractors McSheehy Bros., S. F. Contract price not stated.

HOTELS.

SAN FRANCISCO—Hotel, 7 story and base, brick and steel, \$70,000. Architects, Smith & Stewart, 244 Kearny street, S. F. Owner, A. O. Stewart. The building will be erected on the north side of O'Farrell street east of Taylor, having a frontage of 27½ feet and a depth of 137½ feet. There will be one store besides the hotel office and lobby in the first floor. Upper floors will contain a total of 66 rooms, all of which will have private baths. Interior finish will be of pine with some ornamental plaster in the lobby. Plans provide for steam heat, elevator service and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior will be faced with red pressed brick trimmed with white terra cotta. Plans are complete and figures are being taken.

SAN FRANCISCO—Hotel, 3 story and base, frame, \$14,000. Architects, Phillip Schwerdt & Co., Phelan Bldg., S. F. Owners, Hyman and Isaac Wolf. The building will be erected on the west side of Sixth street south of Howard, covering an area of 25 by 108 feet. Interior will be arranged for a total of 60 rooms and a number of public baths. Trim will be of pine and redwood. There will be hot and cold running water in each room. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and bids have been taken under advisement.

LOS ANGELES, CAL.—Hotel, 3 story and base. Class C construction. Cost not stated. Architect, Joseph F. Central Bldg., L. A. Owner, Michael Kiely. The building will be erected on Kohler street near 6th, covering an area of 37½ feet by 131 feet. There will be stores besides the hotel office and lobby on the first floor. Upper two floors will contain a total of 66 rooms and six baths. Interior finish will be of pine throughout. There will be steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are being prepared and when complete the work will be done by Day Labor.

VENICE, LOS ANGELES CO., CAL.—Hotel, 5 story and base, brick and steel. Cost not stated. Architects, C. H. Russell & Co., Union League Bldg., L. A. Owners, C. W. Holbrook and C. Minotti. The building will be erected on windward avenue and will have a frontage of 50 feet by a depth of 102 feet. There will be a store, office and hotel lobby on the first floor. Upper four floors have been arranged for a total of 65 rooms and 20 baths. Interior finish will be of pine and birch. Bath rooms will have tile wainscot and composition floors. Plans provide for steam heat, elevator service and a hot water supply. Patent store fronts are specified. Exterior of the building will be faced with pressed brick with tile inlays. Plans are being prepared.

LOS ANGELES, CAL.—Hotel, 4 story and base. Class C construction. Cost not stated. Architects, The Western Building Co., Lankershim Bldg., L. A. Owner, G. A. Thiele. The building will be erected on Wall street, covering an area of 50 by 113 feet. There will be

a total of 76 guest rooms, eight private baths and eight public baths besides the office and lobby. There will be steam heat, elevator service and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Entrance and lobby will be finished in marble. Plans are complete and figures are being taken.

SEATTLE, WASH.—Hotel, 10 story and base. Class A construction, \$250,000. Architects, Howell & Stokes, Henry Bldg., Seattle. Owners, Kennedy Hotel Co. The building will be erected at the southeast corner of 4th avenue and University and will cover a large area. Construction will be of the Class A type throughout with a complete steel frame, reinforced concrete walls, floors and roof slabs. Only preliminary sketches have been prepared and the number of rooms, interior finish and other matters have not been determined upon as yet. Further information will be given of the building as the plans progress.

BIG CREEK, FRESNO CO., CAL.—Hotel, 1 story and base, frame, \$20,000. Architect, Carl Thayer, Forsythe Bldg., Fresno. Owners, Sierra Basin Hotel Co. Work has been started by Day Labor on the big resort hotel to be erected at Big Creek in the Sierra Basin, Fresno County. Plans were prepared by Architect Carl Thayer, Forsythe Bldg., Fresno. The building will be of frame construction and will cost in the neighborhood of \$30,000. M. Zucardi has been placed in charge of the work. James G. Bass of Fresno holds controlling interest in the project. The building has been designed in the shape of the letter H and will contain 69 guest rooms nearly all of which will have private baths. There will be a large lobby and office, dining room and completely equipped kitchen. A huge rock fire place will be a feature of the building. Exterior will be covered with rustic.

LIBRARIES.

SAN FRANCISCO—Library, 3 story and base. Class A construction, \$1,000,000. Architect, George William Kelham, Sharon Bldg., S. F. Owners, City and County of San Francisco. The judges in the San Francisco Library Competition last Friday announced the selection of George William Kelham, Sharon Bldg., as the architect for the new million dollar library to be erected in San Francisco's Civic Center. Cass Gilbert of New York, Paul Cret of the University of Pennsylvania and Hon. James D. Phelan acted as judges. The decision was reached after nearly a week of deliberation. The competition was invitational and was limited to San Francisco architects. Six architects were invited, including George William Kelham, Edgar A. Mathews, Albert Pissis, Ward & Blohme, Reid Bros., and G. Albert Lansburgh. As a reward for his design Mr. Kelham will be commissioned by the Library Trustees to complete the work while the five other contestants will be awarded \$1,000 each. Plans were placed on exhibit in the Assembly Hall of the Phelan Building and attracted a large number of visitors, many of whom were among the leading architects of the city. An expression of general

satisfaction with the selection of the winning design was heard from all sides. Drawings on exhibition show the principal elevations and floor plans. There is a ground floor, the main or second floor and a third floor. The winning design is an exceptionally meritorious piece of work in the classic style, while the rendering is beautifully done. This is true of nearly all of the designs submitted. The library building will be erected on property bounded by Larkin, Hyde, McAllister and Fulton streets. Hyde street will be cut through to what is now City Hall avenue.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO — Railroad construction, \$142,000. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of Public Works for the construction of the new Municipal Railroad out Potrero street, between Eaton & Smith low men at \$124,767.50. They will probably be awarded the contract. A complete list of these figures will be found under the heading of San Francisco in this issue.

SAN FRANCISCO—Boring wells for Municipal water works. Cost not stated. Engineer, City Engineer, Temporary City Hall. Owners, City and County of San Francisco. W. H. Haley submitted the lowest figure for boring wells for the city. His figures were \$8.40 per foot on both propositions asked.

RESIDENCES.

SAN FRANCISCO—Bungalows, 2, 1½ story and base, frame, \$2,250. Architect, none. Owner, B. J. Hooper, 450 12th avenue, S. F. These two houses will be erected on the west side of 19th avenue north of Balboa street. Each will contain six rooms and bath. Interiors will be finished in pine and redwood with some hardwood floors. There will be an open fire place in each living room. Mantels will be of tile. Automatic water heaters will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the houses will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owners, Costello and Feerick, 83 College avenue, S. F. The house will contain six rooms and bath and will be erected on 19th avenue north of Anza. Interior will be finished in pine and redwood. Hardwood floor will be used in the living room. There will be an open fire place and tile mantel. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architect George Anderson, 6046 Lawton avenue, Oakland. The dwelling has been designed for an eight-room house with bath and sleeping porch and will be

erected on Lawton avenue east of Broadway. Interior will be finished in pine and elm with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared and when complete work will be carried on by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, F. H. Dailey, 2139 Broadway, Oakland. The dwelling has been designed for a seven-room house with bath and will be erected on Richmond Boulevard, south of Moss avenue. Interior finish will be of pine, redwood and elm. Hardwood floors will be used in the living room and dining room. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and composition floor. An automatic water heater is specified. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, E. F. Muller. The dwelling has been designed to contain six rooms, bath and sleeping porch, and will be erected in Claremont. Interior finish will be largely of pine with some hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, Theo. Fenn, 749 61st street, Oakland. The dwelling has been designed for a seven-room house with bath and sleeping porch, and will be erected in the Footbille Boulevard Tract. Pine, redwood and some hardwood veneer will be used for interior finish. Hardwood and inlaid floors are also specified. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, Leonard H. Ford, 2136 Center street, Berkeley. Owner, Caroline Wolbold. The dwelling will be erected in the Claremont Tract, and has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be of pine, redwood and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans pro-

vide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken by the architect.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,000. Architect, none. Owners, Fedt Bros., 528 25th street, Oakland. The dwelling will be erected on the west side of Santa Ray avenue near Rosal avenue and will contain seven rooms, bath and sleeping porch. Interior finish will be of pine, redwood and elm. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Tile wainscot and composition floor will be used in the bath room. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Olin S. Grove, 2911 Teaghran avenue, Berkeley. Owner, W. J. Brownlee. The dwelling will be erected at the corner of Arch and Virginia streets, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine, redwood and elm. Hardwood floors and beam ceilings will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will be finished in tile and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

CORTE MADERA, MARIN CO., CAL.—Bungalow, 1½ story and base, frame, \$3,500. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, Mr. Dehne. The dwelling will be erected on property 100 by 100 feet, which will be terraced and laid out in formal gardens. The dwelling will contain seven rooms, bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are complete and figures are being taken by the architect.

SAN JOSE, SANTA CLARA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, H. C. Brunkamp, 750 North 19th street, San Jose. The dwelling will be erected on North 11th street, and has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile floor and wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath.

Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

WOODLAND, YOLO CO., CAL.—Residence, 1½ story and base, frame, \$3,500. Architect, Chester H. Miller, Dalmiel Bldg., Oakland. Owner's name withheld. The dwelling has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine and redwood with hardwood floors in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will be finished in tile and will have composition floor. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are now being prepared.

SEATTLE, WASH.—Residence, 2 story and base, hollow tile construction, \$50,000. Architect, Carl F. Gould, Boston Block, Seattle. Owner, J. H. Blodell. The dwelling will be erected on Harvard avenue near Aloha avenue on a large estate. Besides the dwelling plans provide for a large garage of a similar type of construction. The house will contain in the neighborhood of twenty rooms, several baths and servants' rooms. Interior finish will be of hardwood throughout. Hardwood and inlaid floors will be used. All bath rooms will have tile floors and wainscot. Plans provide for a central heating system, probably steam heat. There will be open fire places, tile mantels and a vacuum cleaning system. Exterior of the dwelling and garage will be faced with cement plaster. Plans are nearly complete and figures will be called for shortly.

SOUTH BELLINGHAM, WASH.—Residence, 2 story, attic and base, semi-fireproof, \$50,000. Architect, Carl F. Gould, Boston Block, Seattle. Owner, C. X. Larabee. The dwelling has been designed to contain twelve rooms and a number of baths. A garage will also be erected on the property. Interior finish will be of pine and hardwood with hardwood and inlaid floors. There will be steam heat, a hot water system and vacuum cleaning. Baths will be finished in tile and will be equipped with showers. Exterior of the dwelling will be faced with cement plaster. Plans are complete and figures will be called for at once.

SAN FRANCISCO—Residence, 2 story and base, frame, \$7,000. Architect, Harvey Partridge Smith, Blake Bldg., Oakland. Owner, M. Marks, 2122 Hearst avenue, Berkeley. The dwelling has been designed for an eight-room house with two baths and sleeping porch, and will be erected in West Clay Park. Interior finish will be of pine and redwood with some oak veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$3,000. Architects, Wright & Rushforth, 571 California street, S. F. Owner, W. H. McGill. The dwelling will

be erected on Mabel street between Russell and Oregon streets, and has been designed to contain six rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

SACRAMENTO, CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, none. Owner, R. E. Stubbe, 3712 Palm avenue, Sacramento. The dwelling will be erected in Casa Loma Heights, and will contain five rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room with a tile or brick mantel. Bath rooms will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

Contracts Awarded.

HOLLISTER, SAN BENITO CO., CAL.—Residence, 2 story and base, frame and plaster, \$18,000. Architect, W. H. Weeks, 75 Post street, S. F. Owner, George A. Sykes. Contractor, O. A. Christenson, Watsonville. Contract price, \$18,000.

PANAMA — PACIFIC EXPOSITION WORK.

SAN FRANCISCO—State exhibit building, 2 story, frame and plaster, \$40,000. Architect, A. F. Heide, 46 Kearny street, S. F. Owners, State of Washington. Architect Heide has completed details for this building and bids will be called for at once. Besides providing space for the state's industries there will be a large auditorium, social halls, a moving picture theatre and governor's quarters. Exterior will be faced with cement plaster. An official proposal will be published in these columns.

SAN FRANCISCO—Street work, Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans are complete and figures are now being called for street paving at the Exposition grounds. The roadways are to be covered with asphaltic oil or asphalt wearing surface. Bids will be opened on May 21st. An official proposal for the work appears in another column of this issue. Plans and specifications can be secured from the Director of Works.

POST OFFICES.

HANFORD, KINGS CO., CAL.—Post office, 1 story, mezzanine floor and base, brick and stone. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans have been completed for the new post office to be erected in Hanford. The structure will be of semi-fireproof construction, covering a ground area of approximately 4,515 square feet. There will be steam heat, oil burning equipment, modern plumbing and elec-

tric work. Interior will be finished in pine and hardwood. Exterior of the building will be faced with cut stone, pressed brick and stucco. Bids are now being taken and will be opened on June 18th. Plans and specifications can be secured from either the Supervising Architect or from the Custodian of the site at Hanford. An official proposal appears in another column of this issue.

GRASS VALLEY, NEVADA CO., CAL.—Post office, 1 and 2 story and base, brick, stone and terra cotta. Cost not stated. Architect, Supervising Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids opened in Washington on May 6th for the construction of this building show Welch Bros., of Oakland low at \$42,475. They will probably be awarded the contract. A complete list of the bids received will be found under the heading of Sacramento, Stockton and Northern California in this issue.

SAN FRANCISCO—Subtreasury, 2 story and base, Class A construction. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids are being called for on furnishing the lighting fixtures for this building. Bids will be opened on June 10th. Complete information can be secured from the Supervising Architect. An official proposal appears in another column of this issue.

SCHOOLS.

SANGER, FRESNO CO., CAL.—School clocks and gas generator sets. Cost not stated. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owners, Sanger Union High School District. Bids will be opened on May 16th for furnishing and installing program clocks and gas generator sets in the Sanger High School building. Plans and specifications can be secured from the architects.

OAKLAND, CAL.—Dormitory building, 2 story and base, brick. Cost not stated. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Plans have been completed for a new dormitory building to be erected at the Industrial Home for the Adult Blind in Oakland. The building has been arranged to contain dormitories and a mess hall, kitchen and office. Interior will be finished in pine. Plans provide for modern plumbing, steam heat and a hot water system. Exterior will be covered with rustic and cement plaster. Plans are now out for figures and bids will be opened on June 2nd. An official proposal appears in another column of this issue.

LOS GATOS, SANTA CLARA CO., CAL.—Convent, 4 story and base, brick. Cost not stated. Architect, Smith O'Brien, Humboldt Bank Bldg., S. F. Owners, Sacred Heart Novitiate Convent. The building will be erected on the grounds of the present institution and will cover a large ground area. There will be dormitories and private rooms, class rooms, chapel, study halls and departments of domestic science. Plans also provide for dining rooms and a large kitchen. Interior finish will be of pine throughout. There will be steam heat, modern plumbing and a hot water system. Exterior of the building will be faced with pressed

brick. Plans are complete and figures are being taken.

ORANGE, ODANGE CO., CAL.—School, 2 story and base, brick, \$45,000. Architect, J Flood Walker, 303 East Fourth street, Santa Ana. Owners, Orange Grammar School District. The building has been designed in the Italian style and will contain eight standard sized class rooms, office, teachers' rooms and assembly hall seating 400 people and manual training and domestic science rooms. Interior will be finished in pine. There will be pine and maple floors. Plans provide for modern school plumbing, electric work and a plenum system of heating. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Bids will be opened on May 14th. Plans and specifications can be secured from the architect.

SAN MATEO, SAN MATEO CO., CAL.—School heating system. Cost not stated. Architects, Stone & Wright, 24 South California street, Stockton. Owners, Homestead School District. Plans have been completed and figures are now being taken for the installation of a hot water heating system in the new school building in the Homestead District. Bids will be opened on May 21st. Plans can be secured from the architects or from the principal of the school at San Mateo.

Contracts Awarded.

CHICO, BUTTE CO., CAL.—School, 2 story and base, brick, \$30,000. Architect, Chester Cole, Chico. Owners, Oakdale School District. The Chico Board of Education has rejected all bids received for the construction of the Oakdale School and will readvertise the work. The lowest bid received was for \$34,500, while but \$50,000 is available for construction. Architect Chester Cole will revise the plans. At the same meeting of the Board contracts were awarded for a four-room addition to the Chico Velino School, the contract going to C. A. Crippen for \$5,394.85. The contract for work at the Rose-dale School was awarded to Moore & Cluse for \$7,394.50.

SEWERS, STREET WORK AND WATER SYSTEMS.

CALIFORNIA—State Highways. Cost not stated. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids were opened at the last meeting of the State Highway Commission for constructing highways in the following counties: Sonoma, Shasta, Siskiyou, Butte, Glenn and Tehama. In several of the counties figures ran over the engineer's estimate and bids will probably be rejected. A complete list of the figures together with the materials furnished by the State and the engineer's estimate will be found under the heading of Sacramento, Stockton and Northern California in this issue.

STORES.

LOS ANGELES, CAL.—Stores and offices, 6 and 7 story and base, Class A construction, \$800,000. Architects, Frederick Noonan and William Richards, Brockman Bldg., 1. A. Owners, J. W. Robinson Co. The building will be erected on 7th street, extending from Grand avenue to Hope street. It

has a frontage of 333 feet on 7th street and 140 feet on each of the other streets. The structure will be of reinforced concrete construction. The exterior will probably be faced with terra cotta on all three street fronts. The interior finish and equipment will be complete and modern in every respect, and will include ten passenger elevators, two freight elevators, conveyors, spiral chutes, sprinkler system, steam heat, etc. The lease provides that the building be completed and occupied within two years, but it is expected this can be accomplished in twelve months. Working drawings are being prepared.

LONG BEACH, LOS ANGELES CO., CAL.—Bank and offices, 5 story and base, brick and steel. Cost not stated. Architects, Krempel & Erkes, Henne Bldg., L. A. Owner, Mrs. L. Hauerwas. The building will be erected at the corner of Pine and Broadway streets and will cover an area of 50 by 150 feet. The first floor will be occupied by the Marine Commercial and Savings Bank. Each of the upper floors will contain twenty offices. Interior finish will be of pine and hardwood. Plans provide for steam heat and elevator service. Special interior finish, ornamental plaster and bronze and bank vaults will be installed in the first floor. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SACRAMENTO, CAL.—Stores and offices, 4 or 5 story and base, brick and steel or reinforced concrete, \$100,000 to \$140,000. Architect not selected. Owners, Sacramento Chamber of Commerce. Architects E. C. Hennings, John W. Woollett and John P. Hill have submitted plans for a large commercial building to be erected on 7th street between I and J streets in Sacramento by the Chamber of Commerce. Plans are being considered for both a five and an eight story building. If the five story is erected it will cost about \$100,000, if the eight story is erected the cost will exceed \$140,000. A selection of the architect will be made in a week or ten days.

Contracts Awarded.

BAKER CITY, ORE.—Stores and offices, 3 story and base, brick, \$27,000. Architect, M. P. White, Baker City. Owner, Louis Sommers. Contractor, D. Lyson, 204 Columbia street, Portland. Contract price, \$27,000.

THEATRES.

FRESNO, FRESNO CO., CAL.—Theatre and offices, 4 story and base, brick and steel, \$80,000. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, T. C. White, Fresno. The building will be erected on I street and will have a frontage of 100 feet by a depth of 150 feet. Construction will be fireproof with a complete steel frame, brick walls, concrete floors and stairways. Interior partitions will be of metal lath and plaster. Interior finish will be of pine and hardwood with some metal trim. Metal window sash and frames are specified. The theatre will have a seating capacity of 1500. There will be two stores besides the main body of the theatre on the first floor. Upper floors will be arranged for a number of offices. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

Contracts Awarded.

SEATTLE, WASH.—Theatre and offices, 6 story and base. Class A construction, \$300,000. Architect, B. Marcus Pretica, Empire Bldg., Seattle. Owner, Alex. Pantages. Contractor, Hans Pederson, Madison Bldg., Seattle. Contract price, \$300,000.

SEALED PROPOSALS.

PROPOSALS FOR COLD STORAGE BUILDING.

NOTICE is hereby given that the Port and Waterfront Commission of the Port of Seattle, State of Washington, will receive sealed proposals up to 1:30 o'clock, May 25, 1914, at its office, 443 Central Building, Seattle, Washington, for the construction of the following subdivision of what is known as the Central Waterfront Improvement of the Port of Seattle, State of Washington, to be done in accordance with the plans and specifications for the same, now on file in the office of the said Port Commission, which said plans and specifications are now subject to public inspection.

COMBINED OFFICE, WARM AND COLD STORAGE WAREHOUSE.

Bidders are also invited to submit alternative bids upon designs of their own for accomplishing the purposes of the plans and specifications prepared by said Port Commission, such alternative bids must be essentially in as full detail, both as to specifications, drawings and plans as are those prepared by the Port Commission said alternative bids to be subject to the provisions of this proposal, general specifications and forms of contract attached to and made part of the specifications prepared by the Port Commission.

Each bid must be accompanied by a certified check payable to the order of the Port Commission of the Port of Seattle, for a sum not less than five per cent of the amount bid.

The Port Commission reserves the right to reject any and all bids. The sealed proposals must be received by the Port Commission, this 1st day of May, 1914.

PORT COMMISSION OF THE PORT OF SEATTLE.

C. E. BEMSEBERG, Secretary.

NOTICE TO BIDDERS.

NOTICE is hereby given that the High School Board of Education of the City of Sacramento, California, sealed bids for electric motors for the Manual Arts Department of the Sacramento High School. Bidders for this equipment can obtain specifications for the same at the office of the Secretary of the High School Board of Education, Room 300, City Hall, Sacramento, California.

The equipment shall be delivered at the High School Building in Sacramento within ten days of the awarding of the contract.

A certified check in the sum of ten (10) per cent of the amount of the bid must accompany the bid, which will be forfeited to the Board should the bidder fail to comply with his bid if required to do so by the Board. All bids must be filed with the Secretary of the High School Board of Education, Room 300, City Hall, Sacramento, not later than 10:30 a. m. Friday, May 22nd, 1914. The High School Board of Education reserves the right to reject any and all bids.

CHAS. C. HUGHES, Secretary High School Board of Education.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213 in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 9:30 A. M., Thursday, May 21, 1914, for Certain Macadam Roadways to be treated with asphalt oil or Sheet Asphalt Wearing Surface,

W. R. BRODE, Pres. LOUIS R. HOLM, Sec. R. J. BRODE, Vice-Pres.

BRODE IRON WORKS

Established 1886—Incorporated 1913

Tel. Kearney 2464.

Fabricators and Contractors of Structural Steel and Ornamental Iron Work

Office & Works: 31-37 Hawthorne St., bet. Howard & Folsom Sts., San Francisco, Cal.

in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (\$10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidder except with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee:

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT. Supervising Architect's Office, Washington, D. C., May 12, 1914.—SEALED PROPOSALS will be received at this office until 3 o'clock P. M., June 10, 1914, and then opened, for furnishing and installing lighting fixtures in the United States subtreasury at San Francisco, Cal., in accordance with the specifications and drawings enumerated hereunder, copies of which may be obtained at this office, at the discretion of the Supervising Architect. O. WENDEROTH, Supervising Architect. (*)

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT. Supervising Architect's Office, Washington, D. C., May 2, 1914.—SEALED PROPOSALS will be opened in this office at 3 P. M., June 18, 1914, for the construction complete, including plumbing, equipment, interior lighting fixtures and approaches of the United States post office at Hanford, Cal. The building is one-story, with a mezzanine and basement, with a ground area of approximately 4,515 square feet; stone, stucco, and terra cotta facing; foundation and first floor of fire proof construction. Drawings and specifications may be obtained from the custody of site at Hanford, Cal., or at this office, at the discretion of the Supervising Architect. O. WENDEROTH, Supervising Architect. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Tuesday, June 16, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of buildings to be known as the Dairy Buildings at the Napa State Hospital, Napa, California. In accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the

Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Dairy Buildings, Napa State Hospital, Stockton, California."

(Signed) W. F. MCCLURE,
State Engineer. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Tuesday, June 3, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of buildings to be known as the Dairy Buildings at the Napa State Hospital, Napa, California. In accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Dairy Buildings, at the Napa State Hospital, Napa, California."

(Signed) W. F. MCCLURE,
State Engineer. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Monday, June 1, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of one new Gas Holder, Framing and Cook for same for the Mendocino State Hospital, Ukiah, California, in accordance with the specifications therefor. Copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Two (\$2.00) Dollars will be required on the specifications, the deposit to be returned immediately

on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Gas Holder, etc., Mendocino State Hospital, Ukiah, California."

(Signed) W. F. MCCLURE,
State Engineer. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Tuesday, June 2, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of building to be known as the Dormitory Building, Industrial Home for Adult Blind, Oakland, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Dormitory Building, Industrial Home for Adult Blind, Oakland, California."

(Signed) W. F. MCCLURE,
State Engineer. (*)

PROPOSALS FOR CONSTRUCTING DREDGE.

DREDGE.—Sealed proposals for constructing the steel sea-going hydraulic hopper dredge San Pablo will be received at this office until 11 o'clock a. m., June 18, 1914, and there to be opened. Information on application. THOMAS H. REES, lieutenant colonel, engineers, custom house, San Francisco.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at 3 p. m., May 29, 1914, for the construction, complete (including mechanical equipment, plumbing, lighting fixtures and approaches), of the United States post office at Casper, Wyo. One story, basement and mezzanine, first floor respectively, and brick facing and tin roof. Drawings and specifications may be obtained from the custody of site at Casper, Wyo., or at this office, in the discretion of the supervising architect. O. WENDEROTH, supervising architect.

PROPOSALS FOR STEEL REINFORCEMENT AND LUMBER.

STEEL REINFORCEMENT, LUMBER, ETC.—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Malta, Mont., until 12 o'clock, noon, May 20, 1914, for earthwork and structures on the Second Unit of Vandalia South Canal, involving about 145,000 cubic yards of excavation and 200 cubic yards of reinforced concrete, the placing of 18,000 pounds of steel reinforcement and

the placing in wooden structures of 135,000 feet, B. M. of lumber. The work is situated on the south side of Milk River in the vicinity of Glasgow and Ashland, Mont. For particulars address the United States Reclamation Service, Washington, D. C. Great Falls, Mont., or Malta, Mont. MORRIS BIEN, acting director.

PROPOSALS FOR BUILDING.

BUILDING—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals plainly marked on the outside of the envelope "Proposals for Hospitals, Cheyenne River Reservation and Standing Rock Indian Reservation, North and South Dakota," and addressed to the commissioner of Indian Affairs, Washington, D. C., will be received at the Indian Office until 2 o'clock p. m. of May 21, 1914, for furnishing materials and labor for the construction of a frame hospital on the Standing Rock Reservation, North Dakota, and brick hospitals on the Cheyenne River and Standing Reservations, South Dakota, in strict accordance with the plans, specifications and instructions to the bidders, which may be examined at the Indian Indian warehouse, San Francisco, Cal. and at the several schools. For further information apply to the superintendents of the Cheyenne River and Standing Rock Indian Agency, South Dakota; Rosebud Indian School, Rosebud, South Dakota, and the Standing Rock Indian School, Fort Yates, North Dakota. CATO SEAS, commissioner.

STATE OF CALIFORNIA.

DEPARTMENT OF ENGINEERING.

CALIFORNIA HIGHWAY COMMISSION.

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 315 Forum Bldg., Sacramento, Cal., until 3 o'clock p. m. hereinafter noted, at which times they will be publicly opened and read, for consideration in accordance with the specifications therefor to which special reference is made portions of State highway as follows:

Section A, M. May 25, 1914.
Tehama County from Reno to the Northern Boundary (H-Teh-3-C), about 13.7 miles in length, to be built of Portland cement concrete.

Solano County from Benicia to a point 2 1/2 miles south of Cordelia (H-Sol-1-A), about 9.0 miles in length, to be built of Portland cement concrete.

Marin County from Larkspur to Sausalito (IV-Mrn-1B), about 6.0 miles in length, to be graded and part surfaced with gravel.

Santa Clara County from Gilroy to Sarcent (IV-S, Cl-2-C2) about 6.0 miles in length, to be built of Portland cement concrete.

Kern County from Sections 3 and 6, T 32 S, R 28 E, M.D.B.M. to Bakersfield (VI-Ker-1-A), about 13.0 miles in length, to be built of Portland cement concrete.

Section 2, M. May 25, 1914.
Humboldt County from Dyersville to Shively (I-Hum-1-D), about 7.5 miles in length, to be graded.

Colusa County from Hershey to Berkeley (II-Col-1-A), about 8.0 miles in length, to be built of Portland cement concrete.

Alameda County from Fairfield to Vacaville (III-Sul-7-C), about 8.5 miles in length, to be built of Portland cement concrete.

Los Angeles County from Tulare to Tazewell (VI-Tul-4-C), about 8.0 miles in length, to be built of Portland cement concrete.

San Diego County from Liebre Mountain to the northern boundary (VII-L, A-4-D) about 12.7 miles in length, to be built of Portland cement concrete.

Plans may be seen, and forms of proposals, bonds, contract, and specifications may be obtained at the said office and may be seen at the office of the Division Engineers of the divisions in which the work is situated. The Division Engineers' offices are located at the following: Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to adding quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

CHARLES D. BLANEY,
CHIEF CLERK D. DARLINGTON,
CHIEF ENGINEER,
California Highway Commission.
AUSTIN B. FLETCHER,
Highway Engineer.
WILSON R. CLINE, Secretary. (*)
Date April 22, 1914.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C. April 28, 1914.—**SEALED PROPOSALS** will be opened in this office at 3 P. M. on June 9, 1914, for the construction (including mechanical equipment, lighting fixtures and approaches) of a two-story and basement (with a one-story rear extension) stone and brick building of 6,000 square feet ground area; nonfireproof construction (except first floor); composition and tile roof, for the United States post office at Chico, Cal. Drawings and specifications may be obtained from the custodian at Chico, Cal., or at this office, in the discretion of the Supervising Architect, O. WENDEROTH, Supervising Architect.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C. April 24, 1914.—**SEALED PROPOSALS** will be opened in this office at 3 P. M. June 1, 1914, for the construction (including mechanical equipment, interior lighting fixtures and approaches) of the United States post office at Brigham City, Utah. Two-story building; ground area, 3,700 square feet first floor; composition stone and brick facing; composition roof. Drawings and specifications may be obtained from the custodian at site at Brigham City, Utah, or at this office, in the discretion of the Supervising Architect, O. WENDEROTH, Supervising Architect.

PROPOSALS FOR HEATING AND VENTILATING.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 26th day of May, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit: The installation of a heating and ventilating system in the Cooper School Building.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within three hundred (300) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$1,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect and the proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works, RICHARD J. CLINE, Secretary.

PROPOSALS FOR BUILDING.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 26th day of May, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit: The General Construction of the Cooper School Building, to be situated at the southwesterly corner of Jones and Lombard streets.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within three hundred (300) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$20,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works, RICHARD J. CLINE, Secretary.

PROPOSALS FOR BOILERS, OIL BURNERS, ETC.

BOILERS, OIL BURNERS, ETC.—Sealed proposals, including "Proposals for Heating Plant, Boilers, and Accessories," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. May 23, 1914, and then and there publicly opened for furnishing and installing boilers, oil burners, piping, etc., in the heating plant at the naval hospital, U. S. navy yard, Mare Island, Cal. Plans and specifications can be obtained from the commandant of the navy yard named, H. R. STANFORD, chief of bureau.

BUILDING NOTES.

The average number of stories in buildings on Manhattan is 4.8. In the downtown district, where most of the skyscrapers are, the average is but 6.4 stories.

The most expensive apartment in the world is a certain floor of the twelve-story building at Eighth-first street and Fifth avenue, the rental of which is close to \$25,000 a year. The building stands on the most costly land available for such houses, and contains every known device to render it safe and comfortable. Land on Fifth avenue is worth about \$100 a square foot, and the site of No. 998, which is the number of the apartment house, contains 12,800 square feet. No other building of equal size in the metropolis has so heavy a ground charge to carry. The property represents an investment close to \$5,000,000. Divided between the twelve floors give \$250,000 a floor.

Fifteen nations have officially adopted the new standard carat of 200 milligrams for use in weighing precious stones.

Slabs of natural cork, expanded to more than twice their original size, has been invented in England for cold storage insulation.

Plans desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fare part of the news department, under different headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

BUNGALOWS—2, 1½ story and base, frame, \$2,250. San Francisco. Architect, none. Owner, B. J. Hooper, 450 12th avenue, S. F. These two houses will be erected on the west side of 19th avenue north of Balboa street. Each will contain six room and bath. Interiors will be finished in pine and redwood with some hardwood floors. There will be an open fire place in each living room. Mantels will be of tile. Automatic water heaters will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the houses will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story ann base, frame, \$2,500. San Francisco. Architect, none. Owners, Costello and Fee-lick, 83 College avenue, S. F. The house will contain six rooms and bath and will be erected on 19th avenue north of Anza. Interior finish will be of pine and redwood. Hardwood floor will be used in the living room. There will be an open fire place and tile mantel. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

STATE EXHIBIT BUILDING—2 story, frame and plaster, \$40,000. San Francisco. Architect, A. F. Heide, 46 Kearny street, S. F. Owners, State of Washington, Architect Heide has completed details for this building and bids will be called for at once. Besides providing exhibit space for the state's industries, there will be a large auditorium, social halls, a moving picture theatre and governor's quarters. Exterior will be faced with cement plaster. An official proposal will be published in these columns.

STREET WORK—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans are complete and figures are now being called for street paving at the Exposition grounds. The roadways are to be covered with asphaltic oil or asphalt wearing surface. Bids will be opened on May 21st. An official proposal for the work appears in another column of this issue. Plans and specifications can be secured from the Director of Works.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architect, Herbert Maggs, 125 Alpine street, S. F. Owner's name withheld. The building will be erected on the north side of Sutter street east of Broderick, having a frontage of 27½ feet and a depth of 120 feet. Interior will be arranged for a number of two and three room suites, which will be finished in pine and elm. Hardwood floors will be used in the living rooms. There will be steam heat and a hot water supply. All suites

will have private baths and wall beds. Bath rooms will be finished in tile with composition floors. Entrance will be wainscoted with tile and marble. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$15,000. San Francisco. Architects, Smith & Stewart, 244 Kearny street, S. F. Owner, Thomas McGrath. The building will be erected at the southeast corner of Larkin and Vallejo streets, and has been designed to contain three large suites of from six to seven rooms. Interiors will be finished in pine and hardwood with some oak floors. There will be a hot water supply and open fire places. Mantels will be of tile. Bath rooms will be finished in tile and will have composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath and a brick veneer base. Plans are complete and figures are being taken.

PIER NO. 15—Crested pile construction. Cost not stated. San Francisco. Engineer, Jerome Newman, Union Ferry Bldg., S. F. Owners, State of California. Bids opened for the construction of Pier No. 15 on the San Francisco water front by the State Board of Harbor Commissioners show the San Francisco Bridge Co low on one proposition at \$68,760, and the Healy-Tibbitts Construction Co. low on the other proposition at \$75,337. A complete list of the bids will be found under the heading of San Francisco in this issue.

CHURCH—1 story and base, frame. Cost not stated. San Francisco. Architect, Edgar A. Mathews, Phelan Bldg., S. F. Owners, Christian Science Church. This building, the third to be erected in San Francisco, will be located on Haight street near the Park, and will cover a large ground area. There will be several reading rooms and study rooms besides the main auditorium. Interior finish will be of pine throughout. Plans provide for a central heating system. Exterior will be faced with cement plaster. Plans are nearly complete.

FLATS—2 story and base, frame, \$4,000. San Francisco. Architect, none. Owner, Emil Nelson, 550 Jersey street, S. F. The building will be erected on the north side of Rivington east of Stanyan street and will cover an area of 25 by 52 feet. There will be two modern flats of five and six rooms. Interior finish will be of pine and redwood. Oak floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

FLATS—3 story and base, frame, \$10,000. San Francisco. Architect, E. E. Young, 251 Kearny street, S. F. Owner, Edward E. Young. The building will be erected on the north side of Pine street west of Hyde, covering and are of 25 by 96 feet. There will be six modern flats of four, five and six rooms. Interiors will be finished in pine, hardwood veneer and oak floors. Each living room will have an open fire place and tile mantel. There will be automatic water heaters installed. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are being purchased.

GARAGE—2 story and base. Class A construction. Cost not stated. San Francisco. Architect, none. Owner, H. A. Schroeder, 3151 Sacramento street, S. F. The building will be erected on the north side of Green street east of Octavia, and will have a frontage of 35 feet and a depth of 137½ feet. Construction will be fireproof with reinforced concrete foundation, brick exterior walls and steel roof trusses. There will be the usual storage space, office and a completely equipped machine shop. Interior will be finished in pine with a cement floor. Special gasoline storage tanks will be installed. Exterior of the building will be faced with cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor.

HOTEL—7 story and base, brick and steel, \$70,000. San Francisco. Architects, Smith & Stewart, 244 Kearny street, S. F. Owner, A. O. Stewart. The building will be erected on the north side of O'Farrell street east of Taylor, having a frontage of 27½ feet and a depth of 137½ feet. There will be one store besides the hotel office and lobby in the first floor. Upper floors will contain a total of 65 rooms, all of which will have private baths. Interior finish will be of pine with some ornamental plaster in the lobby. Plans provide for steam heat, elevator service and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior will be faced with red pressed brick trimmed with white terra cotta. Plans are complete and figures are being taken.

HOTEL—3 story and base, frame, \$14,000. San Francisco. Architects, Philip Schwerdt & Co., Phelan Bldg., S. F. Owners, Hyman and Isaac Wolf. The building will be erected on the west side of Sixth street south of Howard, covering an area of 25 by 168 feet. Interior will be arranged for a total of 80 rooms and a number of public baths. Trim will be of pine and redwood. There will be hot and cold running water in each room. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and bids have been taken under advisement.

RAILROAD CONSTRUCTION—\$142,000. San Francisco. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of Public Works for the construction of the new Municipal Railroad on Potrero street showed

Eaton & Smith low men at \$134,767.80. They will probably be awarded the contract. A complete list of these figures will be found under the heading of San Francisco in this issue.

BORING WELLS FOR MUNICIPAL WATER WORKS—Cost not stated. San Francisco, Engineer, City Engineer, Temporary City Hall. Owners, City and County of San Francisco. W. H. Haley submitted the lowest figure for boring wells for the city. His figures were \$3.40 per foot on both propositions asked.

CITY HALL—4 story, dome and base, \$4,500,000. San Francisco, Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Bids were opened at the last Wednesday afternoon meeting of the Board of Public Works for the metal lath and furring and plastering for the new city hall. Three propositions were asked for: First, the plastering, second the metal lath and furring and third for both metal lath and furring and plastering. Gustave Johnson was low on proposition three at \$171,000. A complete list of the bids received will be found under the heading of San Francisco in this issue.

HOSPITAL YARD WORK AND LIGHTING FIXTURES—Cost not stated. San Francisco, Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened for the yard work, brick walls, fence work, etc., at the San Francisco Hospital show C. L. Wold low on the four propositions. He will probably be awarded the work. The Ickelheimer Bros. were low on the lighting fixtures at \$12,780. A complete list of these figures appears under the heading of San Francisco in this issue.

LIBRARY—3 story and base. Class A construction, \$1,000,000. San Francisco, Architect, George William Kelham, Sharon Bldg., S. F. Owners, City and County of San Francisco. The judges in the San Francisco Library Competition last Friday announced the selection of George William Kelham, Sharon Building, as the architect for the new million dollar library to be erected in San Francisco's Civic Center, Cass Gilbert of New York, Paul Cret of the University of Pennsylvania and Hon. James D. Phelan acted as judges. The decision was reached after nearly a week of deliberation. The competition was invitational and was limited to San Francisco architects. Six architects were invited, including George William Kelham, Edgar A. Mathews, Albert Plissis, Ward & Blohme, Reid Bros., and G. Albert Lansburgh. As a reward for his design Mr. Kelham will be commissioned by the Library Trustees to complete the work, while the other five contestants will be awarded \$1,000 each. Plans were placed on exhibit in the Assembly Hall of the Phelan Building, where they at once attracted a large number of visitors, many of whom were among the leading architects of the city. An expression of general satisfaction with the selection of the winning design was heard from all sides. Drawings on exhibition show the principal elevations and floor plans. There is a ground floor, the main or second floor and a third floor. The winning design is an exceptionally meritorious piece of work in the classic style, while the rendering is beautifully done. This is

true of nearly all of the designs submitted. The library building will be erected on property bounded by Larkin, Hyde, McAllister and Fulton streets. Hyde street will be cut through to what is now City Hall avenue.

APARTMENT HOUSE—3 story and base, frame, \$30,000. San Francisco, Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, Mrs. Bertha Overfeld. The building will be erected at the corner of Green and Fillmore streets and will cover a considerable ground area. There will be a number of two and three room suites, all of which will have private baths and wall beds. Interiors will be finished in pine and redwood with hardwood veneer. Plans provide for steam heat and a hot water system. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

TANK HOUSE—Reinforced concrete, \$3,000. San Francisco, Architects, Righetti & Headman, Phelan Bldg., S. F. Owner, J. Allee. This work will be done at the large plant of J. Allee at 248 Folsom street. The tank house will be 30 by 33 feet. Steel columns and roof trusses are specified. Metal lath and plaster will be used. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

SUBTERRANEAN—2 story and base. Class A construction. Cost not stated. San Francisco, Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids are being called for on furnishing the lighting fixtures for this building. Bids will be opened on June 10th. Complete information and specifications can be secured from the Supervising Architect. An official proposal appears in another column of this issue.

RESIDENCE—2 story and base, frame, \$7,000. San Francisco, Architect, Harvey Partridge Smith, Blake Bldg., Oakland. Owner, M. M. Marks. 2122 Hearst avenue, Berkeley. The dwelling has been designed for an eight-room house with two baths and sleeping porch, and will be erected in West Clay Park. Interior finish will be of pine and redwood with some oak veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

FLATS—3, 2 story and base, frame, \$4,000 each. San Francisco, Architect, none. Owners, C. J. and W. J. Keenan, 300 Webster street, S. F. These buildings will be erected on the west side of 13th avenue near California. Each has been designed to contain two modern flats of five and six rooms. Interiors will be finished in pine and redwood with some elm panels and beam ceilings. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Automatic water heaters are specified. Bath rooms will have tile wainscot and composition floors. Interiors will be covered with shiplap

and rustic with a brick veneer base. Plans are complete and in the hands of the owners who will do the work by day labor.

FLATS—2 story and base, frame, \$5,000. San Francisco, Architect, E. E. Young, 251 Kearny street, S. F. Owner, Thomas Scobie, 363 14th avenue. The building will be erected on the east side of 9th avenue near Balboa, and will have a frontage of 30 feet by a depth of 65 feet. There will be two flats of five and six rooms. Interior finish will be of pine and redwood with some hardwood floors. Open fire places and tile mantels will be used. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

GARAGE—1 and 2 story and base. Class A construction, \$40,000. San Francisco, Architect, Sylvain Schnaitacher, First National Bank Bldg., S. F. Owner, G. P. W. Jensen. The building will be erected for the Taxi Cab Company of California, and will occupy the northeast corner of Bush and Larkin streets, covering an area of 137½ by 137½ feet. Construction will be fireproof throughout with a steel frame, reinforced concrete walls, floors and roof slabs. There will be steel roof trusses. Plans provide for a large amount of storage space and a machine shop. Metal window sash and frames will also be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

State Highway Bids In Seven Counties.

Complete List of Figures Opened at
the Last Meeting of the State Highway
Commission.

Bids were opened by the State Highway Commission at their last meeting for constructing highways in the following counties: Sonoma, Shasta, Siskiyou, Butte, Glenn and Tehama. A complete list of these bids together with a list of the materials furnished by the State and the engineer's estimate for the job follow:

SONOMA CO. DIV. 4 ROUTE 1 SEC. A.	
W. J. Schmidt, Berkeley.....	\$53,305.50
James H. Smith, S. F.....	41,572.00
Tieslaus Bros., Berkeley.....	59,231.50
J. D. Niman & Son, Turlock.....	42,059.40
Hard Bros., Sacramento.....	38,699.20
O'Brien Bros., S. F.....	44,711.00
Berry, Mackie & Co., S. F.....	39,256.00
G. W. Conners, Eureka.....	48,270.50
H. L. Petersen, S. F.....	43,738.00
Fred Leffler, S. F.....	40,748.00
The Daniel O'Day Co., S. F.....	56,030.00
Moffett & Mead, S. F.....	51,478.20
Fairbanks & Baechtel, Willits	46,234.40

Engineer's Estimate, \$42,294.47

Materials furnished by State: Pipe railing, reinforcing steel, corrugated iron pipe, and Portland cement. Total \$3,691.

SHASTA CO. DIV. 2 ROUTE 3 SEC. D.
Perry, Mackie & Co., S. F.\$66,714

Engineer's Estimate, \$53,436.13.

Materials furnished by State: Pipe

railings, reinforcing steel, corrugated iron pipe and Portland cement. Total, \$6,458.55.

SISKIYOU CO, DIV 2 ROUTE 3 SEC. C.
W. H. Macon, Klamath Falls, \$29,342
Berry, Mackie & Co., S. F., 47,546
John W. Sweeney, Portland, 34,907

Engineer's Estimate, \$29,805.47.

Materials furnished by State: Pipe railings, reinforcing steel, corrugated iron pipe and Portland cement. Total, \$5,802.26.

BUTE CO, DIV 3 ROUTE 3 SEC. D.
Fred Leffler, S. F., \$62,307.00
Clarke & Henery Constr. Co., Sacramento, 66,331.70
Chico Constr. Co., Chico, 58,647.40

Engineer's Estimate, \$51,109.71.

Materials furnished by State: Pipe railings, reinforcing steel, corrugated iron pipe, Portland cement, sand and coarse aggregate for concrete. Total, \$5,240.80.

GLENN CO, DIV. 3 ROUTE 7 SEC. C
Clarke & Henery Constr. Co., Sacramento, \$48,865
M. Jacinto, Sacramento, 40,996

Engineer's Estimate, \$36,603.51.

Materials furnished by State: Pipe railings, reinforcing steel, corrugated iron pipe and Portland cement. Total, \$22,225.84.

TEHAMA CO, DIV. 2 ROUTE SEC. A.
Clarke & Henery Constr. Co., Sacramento, \$71,451.80

Engineer's Estimate, \$49,615.60.

Materials furnished by State: Pipe railings, reinforcing steel, corrugated iron pipe and Portland cement. Total \$28,173.04.

City Bids Opened.

Board of Public Works Receives Figures For a Large Amount of Work. Another City Line.

An unusual number of bids were opened at the Wednesday afternoon meeting of the Board of Public Works. Included in these were the plastering, metal lath and furring for the new City Hall; construction of the Potrero Municipal Railroad line; boring wells for the Municipal Water Works; yard work at the San Francisco Hospital and furnishing lighting fixtures for the same institution. Following is a complete list of the bids as opened:

Potrero Street Municipal Line.

Eaton & Smith, \$134,767.80
Mahoney Bros., 137,432.50
F. Rolandi, 145,476.50
R. C. Storrie & Co., 138,474.00
Healy-Tibbitts Con. Co., 151,210.00

Engineer's Estimate, \$142,200.

Bids for boring wells for the Municipal Water Works were received on the lineal foot basis with two propositions considered.

Boring Wells for Water Works.
W. H. Haley Prop. (1) \$8.40; Prop. (2) \$3.40.
E. R. Bacon Co. Prop (1) \$18.40; Prop. (2) \$13.00.
A. E. Clark Prop. (1) \$18.50; Prop. (2) \$15.60.

Yard Work, San Francisco Hospital.
Elmer Carlson Prop. (1) \$88,600; (2) \$86,600; (3) \$83,000; (4) \$81,000.

C. L. Wold (1) \$79,618; (2) \$77,000; (3) \$75,418; (4) \$72,800.

H. A. Klyce (1) \$94,890; (2) \$91,916; (3) \$90,890, (4) \$87,920.

T. W. McClenahan Co. (1) \$88,230; (2) \$86,320; (3) \$83,320; (4) \$81,320.

Grant Fee (1) \$94,900; (2) \$91,900; (3) \$89,900; (4) \$87,900.

Newsom & Kohn (1) \$88,472 (2) \$86,472; (3) \$86,746; (4) \$84,746.

Reed & White (1) \$88,000; (2) \$86,000 (3) \$83,000; (4) \$82,000.

McSheehy Bros. (1) \$86,652; (2) \$85,077; (3) \$82,032; (4) \$80,457.

Monson Bros. (1) \$81,762; (2) \$79,462; (3) \$76,161; (4) \$—

O. C. Holt (1) \$94,440; (2) \$92,640; (3) \$89,960; (4) \$87,840.

Lighting Fixtures, S. F. Hospital.
Ickelheimer Bros. \$12,750
Thomas Day Co., 14,775
A. G. Krauss, 16,873
Leo J. Meyerberg Co., 13,250

Three propositions were considered in connection with the plastering and metal furring for the New City Hall. Proposition (1) was for the plastering; Proposition (2) for the furring, and Proposition (3) included both plastering and metal furring.

Plastering and Metal Furring, City Hall.

Bidder	Prop. 1	Prop. 2	Prop. 3
Cornelius Collins	\$61,518	\$—	\$—
Sound Constr. & Eng. Co.	75,600	175,500	251,100
A. Knowles	120,000	—	—
Kaiser, McQuer & Simpson	146,203	—	—
Peerless Fireproofing Co.	59,600	—	—
J. F. Smith	119,000	—	—
Henry Bosch	68,500	147,000	214,500
Holloway Expanded Metal Co.	63,000	—	—
William G. Gilmore	63,000	137,000	200,000
Grant Fee	—	155,000	202,500
Floodberg & McCaffery	69,000	—	213,000
National Lath & Furring Co.	65,930	—	—
C. C. Morehouse	60,733	147,535	208,268
Gustave Johnson	—	—	171,000

Open Bids For Pier On Waterfront

Bids for Pier No. 15 Submitted on Two Propositions. Four Sets of Bids Were Received.

Bids were opened at Thursday's meeting of the State Board of Harbor Commissioners for constructing Pier No. 15. Four bids only were received. That of the San Francisco Bridge Co. was low on Proposition 1 and Healy-Tibbitts Constr. Co. was low on Proposition 2 at \$75,327. Following is a list of the figures:

Pier No. 15.

Bidders	Prop. 1	Prop. 2
Thomson Bridge Co.	\$72,500	\$80,000
Hyde-Harjes & Co.	75,000	83,000
San Francisco Bridge Co	68,760	77,259
Healy-Tibbitts Con. Co.	73,372	75,327

After opening the bids the Board of Commissioners adjourned until three o'clock, May 8th.

Architect Kelham To Design Library.

Judges in Library Competition Announce Their Selection For Million Dollar Building.

The judges in the San Francisco Library Competition yesterday announced the selection of George William Kelham, Sharon Bldg., as the ar-

chitect for the new million dollar library to be erected in San Francisco's Civic Center. Cass Gilbert of New York, Paul Cret of the University of Pennsylvania and Hon. James D. Phelan acted as judges. The decision was reached after nearly a week of deliberation.

The competition was invitational and was limited to San Francisco architects. Six architects were invited including George William Kelham, Edgar A. Mathews, Albert Pissis, Ward & Blohme, Reid Bros. and G. Albert Lansburgh. As a reward for his design Mr. Kelham will be commissioned by the Library Trustees to complete the work while the five second prizes will be awarded \$1,000 each. Plans were placed on exhibit in the Assembly Hall of the Phelan Bldg. yesterday at noon and at once attracted a large number of visitors, many of whom were among the leading architects of the city. An expression of general satisfaction with the selection of the winning design was heard from all sides.

Drawings on exhibition show the principal elevations and floor plans. There is a ground floor, the main or second floor and a third floor. The winning design is an exceptionally meritorious piece of work in the classic style, while the rendering is beautifully done. This is true of nearly all of the designs submitted.

The library building will be erected on property bounded by Larkin, Hyde, McAllister and Fulton streets. Hyde street will be cut through to what is now City Hall avenue.

BUILDING CONSTRUCTION SINCE FIRE.

Building operations from May 1906, to April 30, 1914, as reported by the Bureau of Building Inspection of the Board of Public Works, show that 50,277 buildings have been erected at a cost of \$252,761,742. The following is a list of figures as compiled by the bureau:

Class	No. of Bldgs.	Amount
Class "A"	167	\$ 33,072,954
Class "B"	198	14,669,186
Class "C"	2705	80,505,334
Alterations	22373	17,836,143
Exposition Bldgs.	29	8,014,000
Public Bldgs.	8	4,277,663
Frames	21797	94,386,462
Total	50277	\$252,761,742

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Am't.
1542	Raisch	Cox	3500
1543	Same	Young	3500
1544	Wrlinn	Werner	1600
1545	Ongwarsky	Nielsen	1650
1546	Jones	Miller	1650
1547	Baumann	Klahn	3500
1548	Hooper	Hooper	2250
1549	Same	Same	2250
1550	Dye	Dye	400
1551	Phelan	Phelan	400
1552	Coffey	Props	4000
1553	Rolph	Braunton	450
1554	Brown	Brown	1000
1555	Spreckels	W'n Sugar Ref	1000
1556	Davis	Ponsore	425
1557	Eggers	Petersen	7000
1558	Young	Petersen	1000
1559	Krans	Johnson	2800
1560	Gluzzl	Devenenzi	300
1561	Trumhetta	Devenenzi	8000
1562	Costello	Feerick	1000
1563	Schwarz	Crothers	2180
1564	Terry	Grieb	8700
1565	Satturi	Ravani	1550
1566	Catelli	Eubert	1900
1567	Creede	Goerlicke	3785
1568	Curtin	Woolfrey	2200
1569	Skerrett	Coburn	6500
1570	Henzel	Spelt	1950
1571	Frey	Peterson	6800
1572	P. F. E.	Hyde	6210
1573	City & Co of S F	G G Iron	15205
1574	Hinrichs	McCracken	1800
1575	Home Laundry	Schradner	2400
1576	Webb	Parry	1800
1577	Peterson	Peterson	1900
1578	Merchants Ice	Owner	1850
1579	Webb	Parry	1800
1580	Stahlberg	Kountz	1142
1581	S S F Packing	Owner	2000
1582	Rapp	Lorzen	450
1583	Mugan	Segurson	4150
1584	Haller	Bergfeld	2600
1585	Goetjen	Klahn	1847
1586	Miller	Conrad	5325
1587	Nelson	Nelson	1500
1588	Hjøl	Hjøl	500
1589	Schmidt	Schmidt	400
1590	McDermott	Warnecke	500
1591	Sweeney	Schulte	500
1592	Jacobsen	Jacobsen	408
1593	Edner	Edner	500
1594	Stavrou	Stavrou	450
1595	Stalder	Glaser	475
1596	Balhouse	Balhouse	900
1597	Boggs	Boggs	600
1598	McDonnell	Brutcher	400
1599	McGregor	McGregor	1500
1600	Ignatius	Sidick	1500
1601	Pedler	Pedler	1700
1602	Reggiardo	Reggiardo	1800
1603	Witte	List	750
1604	Un Pac	Decorative	17540
1605	Same	Chalmers	4400
1606	Jacobs	Arnold	13984
1607	Potter	Foster	10884
1608	Carmody	Carmody	3800
1609	Macdonald	Hadley	3865
1610	Same	Braunton	2036
1613	Boese	Boese	400
1614	Rosenthal	Rosenthal	450
1615	Sant Fe	Sullivan	425
1616	Pacific T & T	Gatley	3000
1617	Fogarty	Wade	3400
1618	Ignatius	Musto	2723
1619	Wendt	Sobofeld	500
1618	Lewelling	Kern	400
1619	Clark	Serv	400
1620	Pawlowski	Rower	450
1621	Hooker	Van Sant	750
1622	Nelson	Nelson	3800
1623	Granerholz	Granerholz	400
1624	Cuneo	Cuneo	1300
1625	Dallman	Finlayson	1000
1626	Fewer	Fewer	400
1627	Marsh	Marsh	1350
1628	Lucea	Bonsoro	400
1629	Doerr	Doerr	1500
1630	Ramuel	Barrett	900
1631	Welsh	Welsh	400
1632	Constant	McCormick	2100
1633	Steinmetz	Moller	8452
1634	Haltmeyer	Elberger	1700

1635	Wolf	Butler	1200
1636	Same	Heckenroth	12160

(1542) E SEVENTH AVE 50 S Kirkham. Two-story and basement frame dwelling.
Owner.....A. J. Raisch, Crocker Bldg San Francisco.
Architect...None.
Contractor...Cox Bros., 1375 9th Ave., San Francisco.
COST, \$3500

(1543) E SEVENTH AVE 25 S Kirkham. Two-story and basement frame dwellings.
Owner.....A. J. Raisch, Crocker Bldg San Francisco.
Architect...None.
Contractor...Cox Bros., 1375 9th Ave., San Francisco.
COST, \$3500

(1544) SE YORK AND TWENTY-third. One-story and basement frame dwelling.
Owner.....Mrs. Rose Wrinn, 2781 23rd San Francisco.
Architect...None.
Contractor...J. H. Werner, 1921 23rd, San Francisco.
COST, \$1600

(1545) N LELAND 250 W San Bruno. Two-story frame store and flats.
Owner.....M. Ongwarsky, — Leland Ave., San Francisco.
Architect...None.
Contractor...F. W. Nielson, 4137 24th, San Francisco.
COST, \$1650

(1546) E ELSIE 137 N Holly Park Circle being Lot 3 Bk 5 Pairs Sub Holly Park. All work for one and one-half-story and basement frame cottage.
Owner.....Robt. J. Jones, 183 High-land Ave., San Francisco.
Architect...None.
Contractor...W. Miller, 49 Park, S. F.
Filed May 4, 14. Dated April 14, '14.
Frame up\$522.50
Bricks coated\$22.50
Completed\$522.50
Usual 35 days.....\$522.50
TOTAL COST, \$2090.00
Bond, \$1050. Sureties, J. Miller and M. Mazeau, Limit, 70 days after April 16.
Forfeit, none. Plans and specifications filed.

(1547) E EIGHTEENTH AVE 150 N Fulton. Two-story and basement frame (2) flats.
Owner.....Edward Baumann, 163 Tehama, San Francisco.
Architect...A. Klahn, 27 Chenery, San Francisco.
Contractor...A. Klahn & Son, 27 Chenery, San Francisco.
COST, \$3500

(1548) W NINETEENTH AVE 75 N Balboa. One and one-half-story and one basement frame dwelling.
Owner.....B. J. Hooper, 450 12th Ave., San Francisco.
Architect...None.
Day's work.....COST, \$2250

(1549) W NINETEENTH AVE 50 N Balboa. One and one-half-story and one basement frame dwelling.
Owner.....B. J. Hooper, 450 12th Ave., San Francisco.
Architect...None.
Day's work.....COST, \$2250

(1550) E THIRTY-SIXTH AVE 75 N Anza. One-story and basement frame dwelling.
Owner.....Violet Dye, 584 26th Ave., San Francisco.
Architect...None.
Day's work.....COST, \$400

(1551) GORE O'FARRELL & MARKET. Install 14 ventilators in sidewalk.
Owner.....J. D. Phelan, 603 Phelan Bldg., San Francisco.
Architect...None.
Day's work.....COST, \$400

(1552) S TEHAMA 100 W Fourth. Three-story and basement frame (3) flats.
Owner.....J. Coffey, 377 Clementina, San Francisco.
Architect...None.
Contractor...W. Props, 1301 Gough, San Francisco.
COST, \$4000

(1553) W MAIN 137-6 N Bryant. One-story frame office.
Owner.....Rolph Coal Co., Main, bet. Harrison and Bryant, S. F.
Architect...None.
Contractor...Harold Braunton, 185 Stevenson, San Francisco.
COST, \$450

(1554) W SIXTH AVE 50 S Kirkham. Two-story and basement frame dwlg.
Owner.....Lillie E. Brown, 1434 6th Ave., San Francisco.
Architect...None.
Contractor...S. E. Brown, 1434 6th Ave., San Francisco.
COST, \$2900

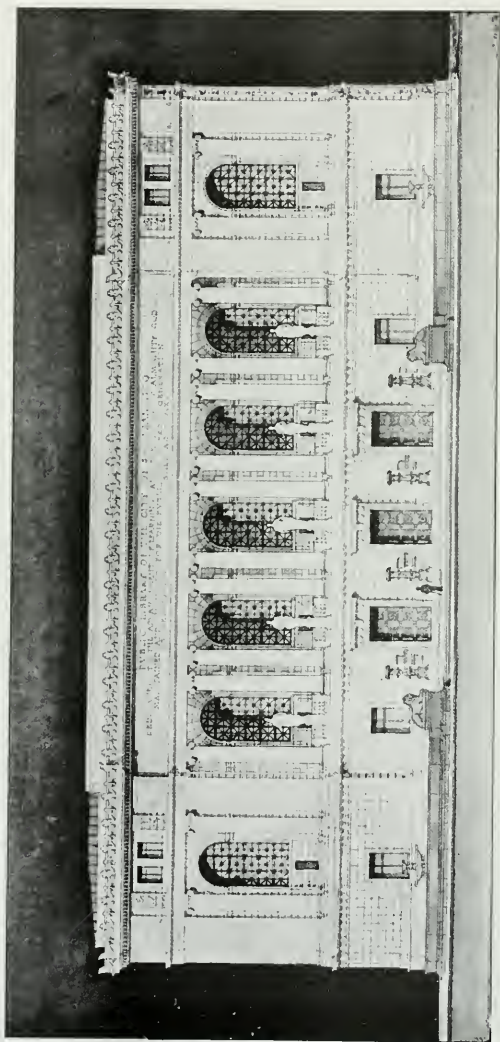
(1555) S TWENTY-THIRD 120 E Louisiana. Raise roof of warehouse.
Owner.....J. D. and A. B. Spreckles Securities Co., 60 California, San Francisco.
Architect...Eng. Dept. Western Sugar Refining Company.
Contractor...Western Sugar Refining Co., 23rd & Louisiana, S. F.
COST, \$1000

(1556) NO. 665 CLAY. Alter front and minor changes in restaurant.
Owner.....G. R. Davis.
Architect...Curllett & Son, 955 Phelan Bldg., San Francisco.
Contractor...Pensero Bros., Stark Place bet. Stockton & Broadway, San Francisco.
COST, \$425

(1557) W GUERRERO 250 N 14th. Three-story and basement frame (3) flats.
Owner.....Mrs. Frederick Eggers, 142 Guerrero, S. F.
Architect...None.
Contractor...A. Petersen, 844 Guerrero, San Francisco.
COST, \$7000

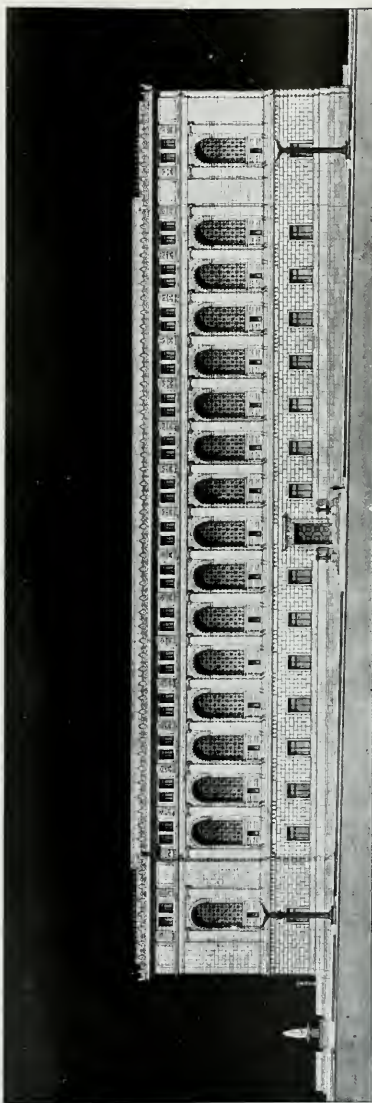
(1558) N PINE 92-10 W Hyde. Three-story and basement frame (6) flats.
Owner.....Edward E. Young, 251 Kearny, San Francisco.
Architect...E. E. Young, 251 Kearny, San Francisco.
Day's work.....COST, \$10,000

(1559) E TWENTY-FOURTH AVE 200 S Anza. Two-story and basement frame dwelling.
Owner.....Paul Kraus & D. Schwartz.



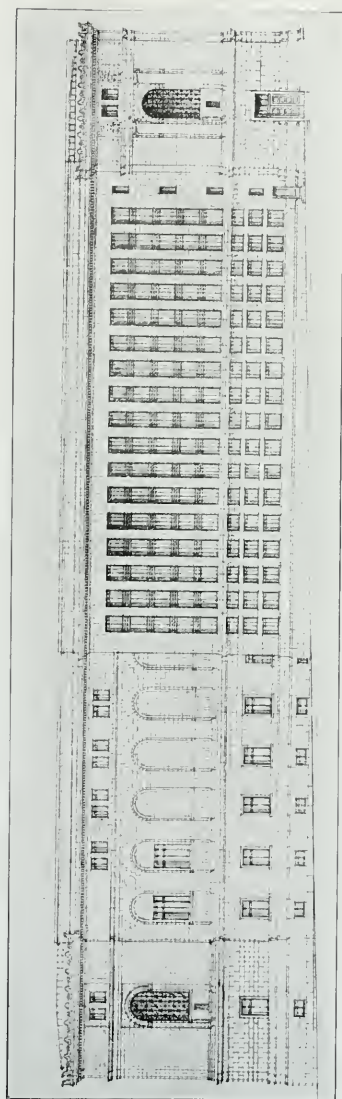
ACCEPTED DESIGN SAN FRANCISCO LIBRARY COMPETITION
West Elevation

George William Kelham, Architect
San Francisco



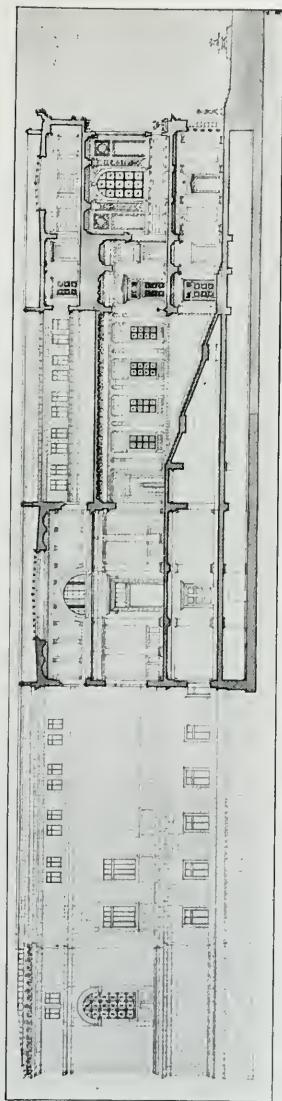
ACCEPTED DESIGN SAN FRANCISCO LIBRARY COMPETITION
South Elevation

George William Kelham, Architect
San Francisco



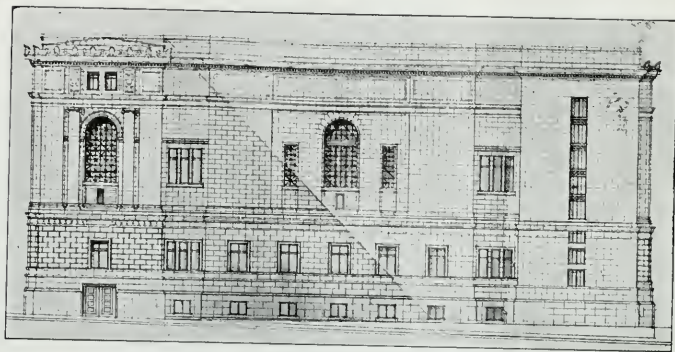
ACCEPTED DESIGN SAN FRANCISCO LIBRARY COMPETITION
North Elevation

George William Kelham, Architect
San Francisco

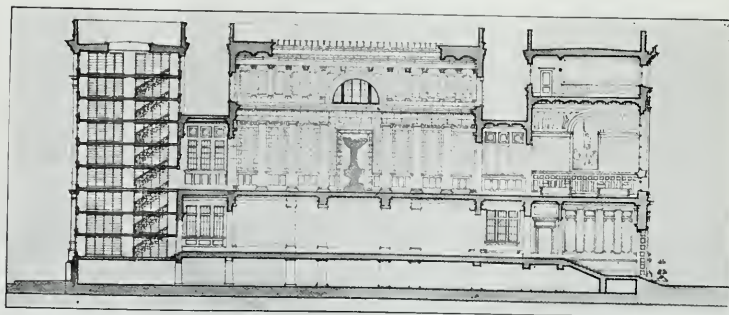


ACCEPTED DESIGN SAN FRANCISCO LIBRARY COMPETITION
Longitudinal Section

George William Kelham, Architect
San Francisco

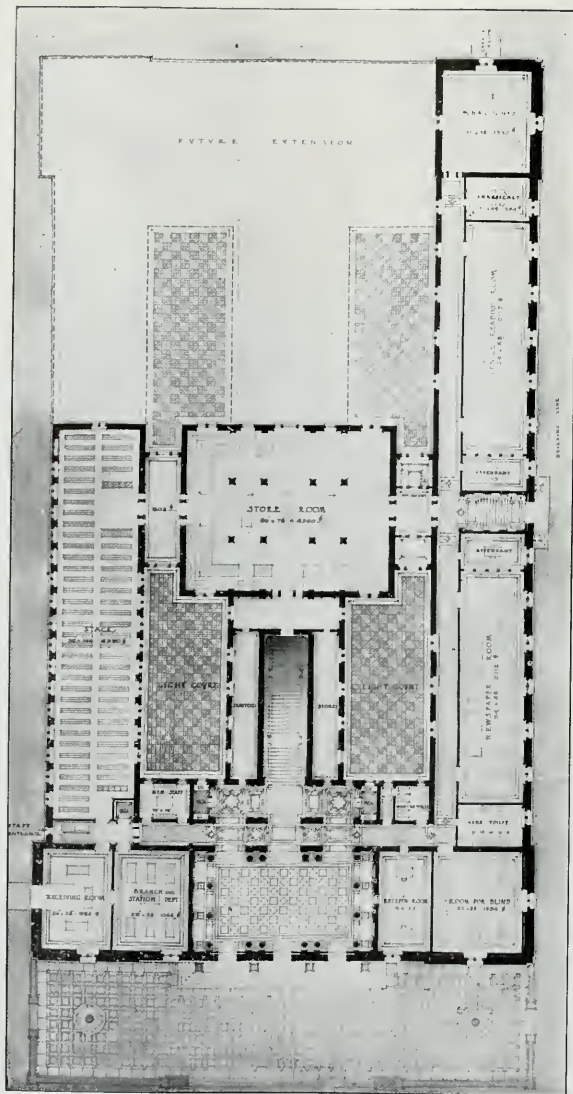


ACCEPTED DESIGN SAN FRANCISCO LIBRARY COMPETITION
East Elevation



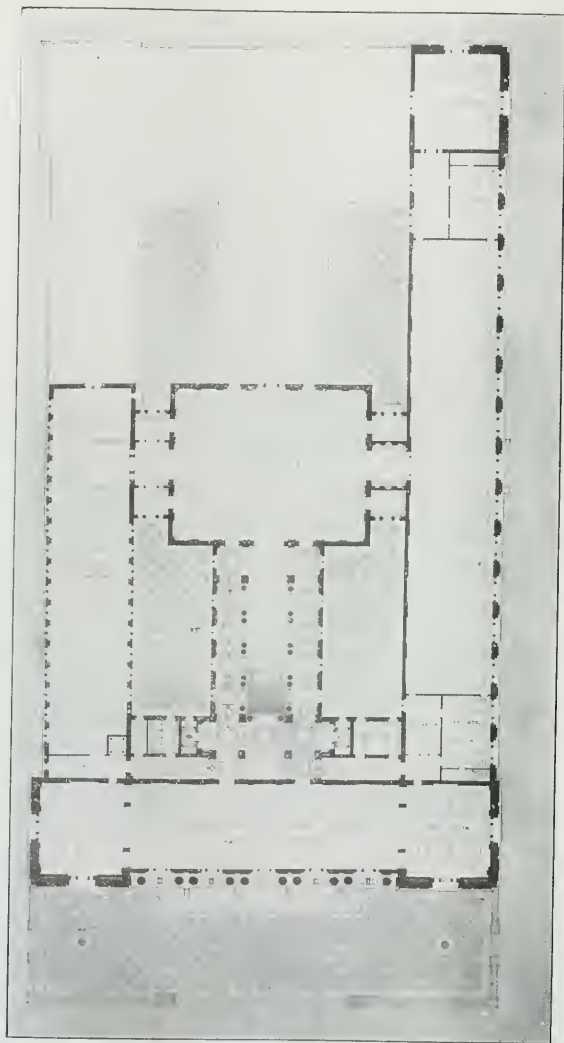
ACCEPTED DESIGN SAN FRANCISCO LIBRARY COMPETITION
Transverse Section

George William Kelham, Architect
San Francisco



ACCEPTED DESIGN SAN FRANCISCO LIBRARY COMPETITION
First Floor Plan

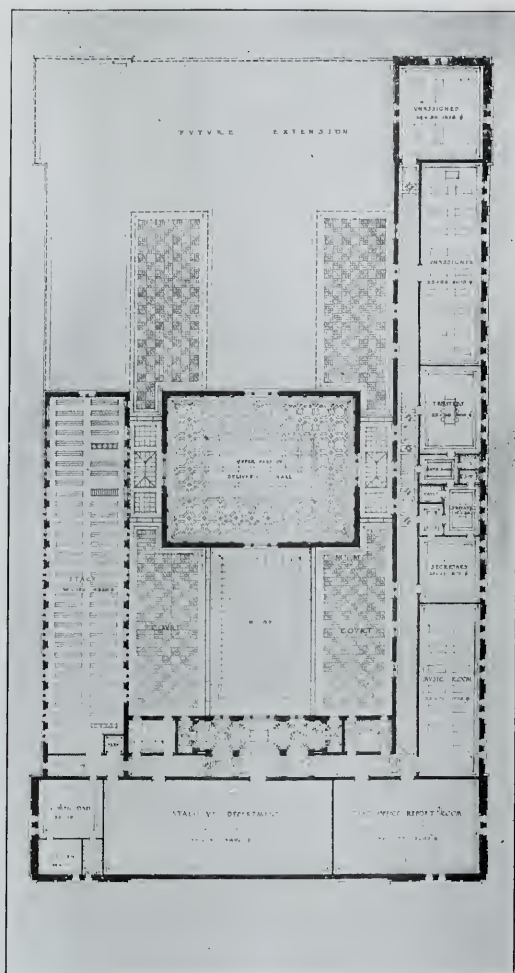
George William Kelham, Architect
San Francisco



ACCEPTED DESIGN SAN FRANCISCO LIBRARY COMPETITION

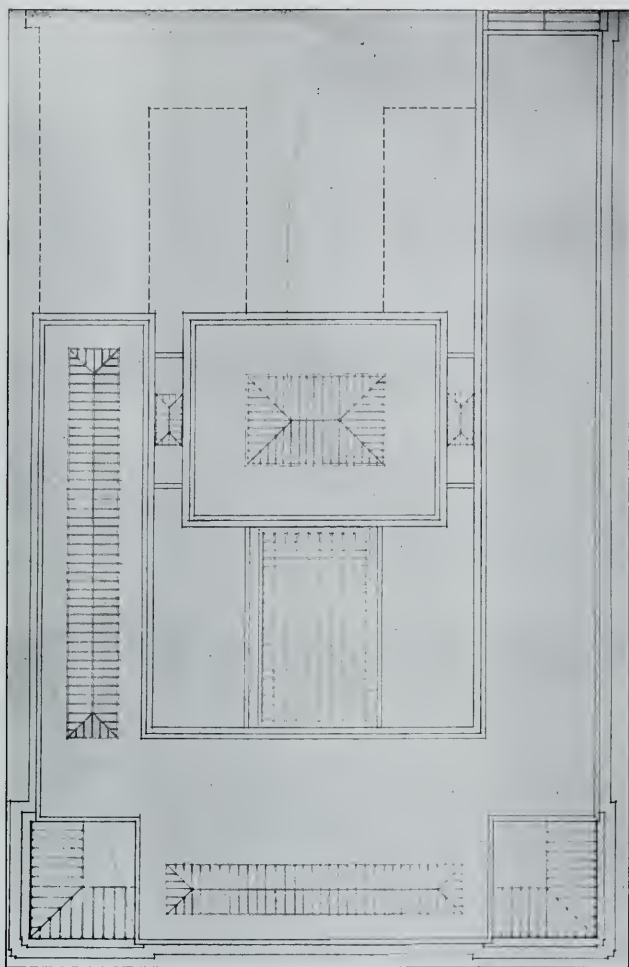
Second Floor Plan

George William Kelham, Architect
San Francisco



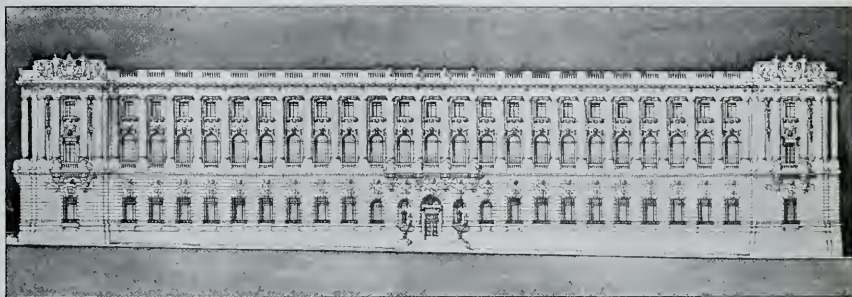
ACCEPTED DESIGN SAN FRANCISCO LIBRARY COMPETITION
Third Floor Plan

George William Kelham, Architect
San Francisco

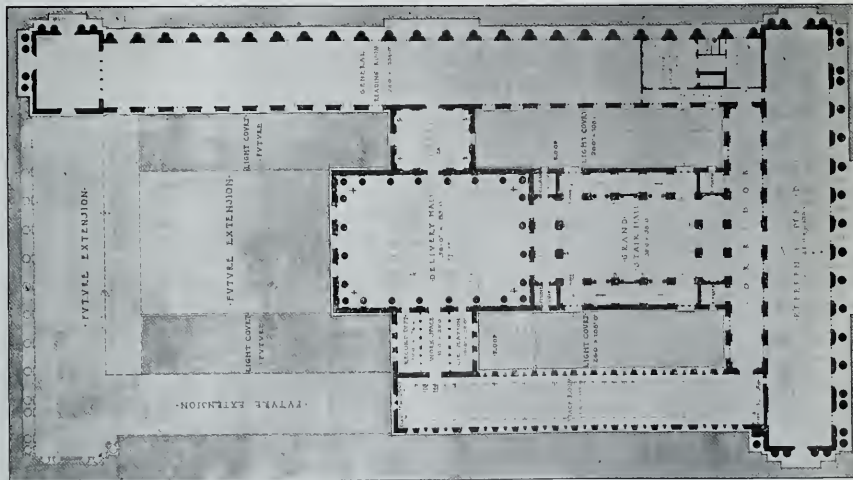


ACCEPTED DESIGN SAN FRANCISCO LIBRARY COMPETITION
Roof Plan

George William Kelham, Architect
San Francisco



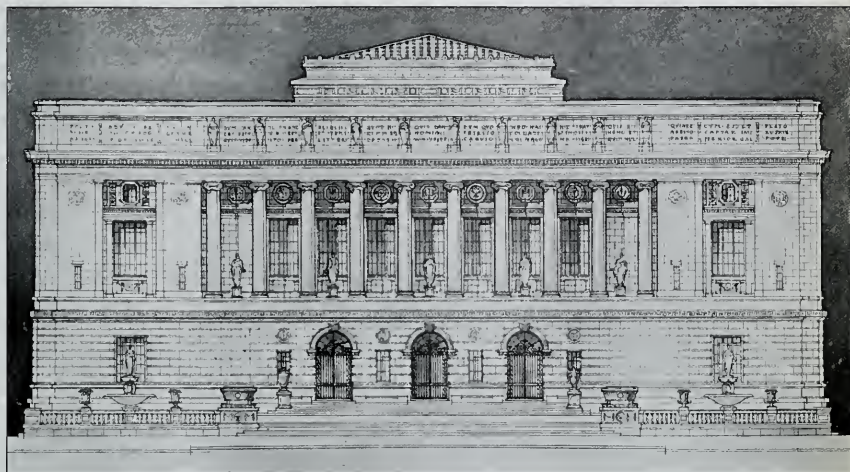
DESIGN AWARDED ONE THOUSAND DOLLARS
San Francisco Library Competition



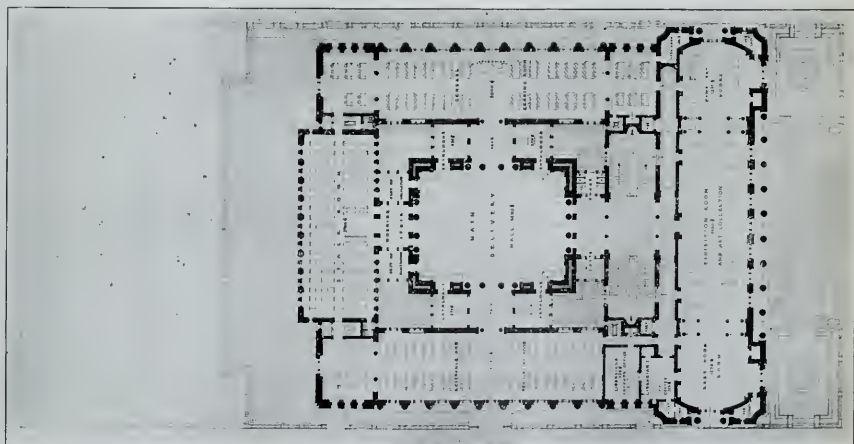
SECOND OR MAIN FLOOR PLAN

Reid Brothers, Architects
San Francisco



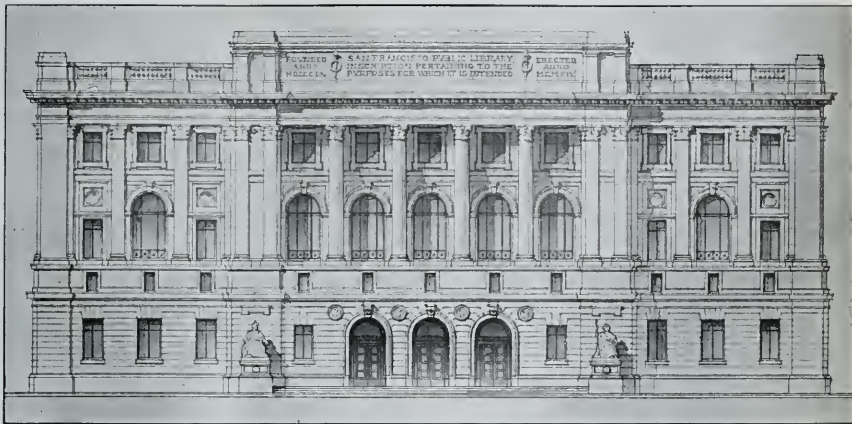


DESIGN AWARDED ONE THOUSAND DOLLARS
San Francisco Library Competition

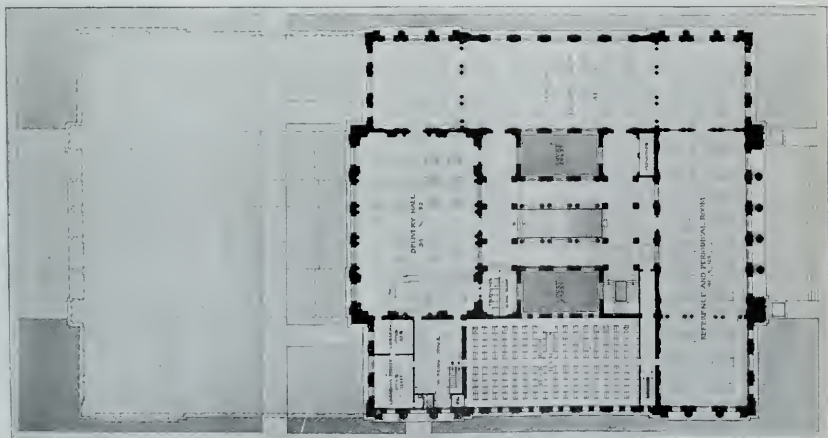


SECOND OR MAIN FLOOR PLAN

Edgar A. Mathews, Architect
San Francisco

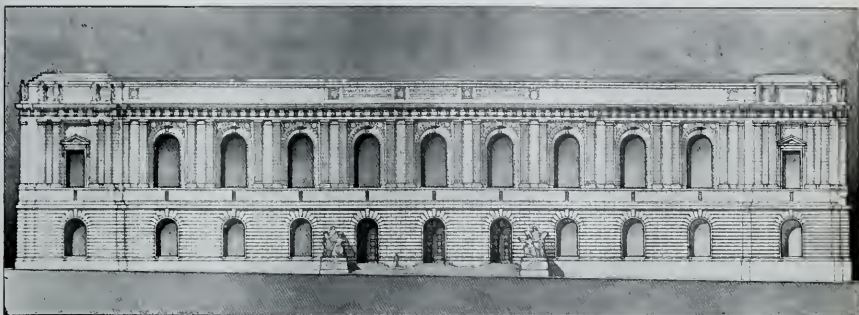


DESIGN AWARDED ONE THOUSAND DOLLARS
San Francisco Library Competition



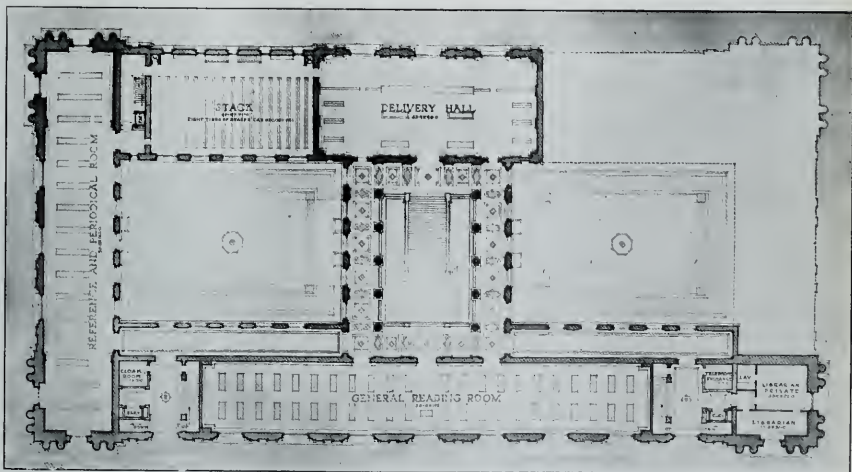
SECOND OR MAIN FLOOR PLAN

Albert Pissis, Architect
San Francisco



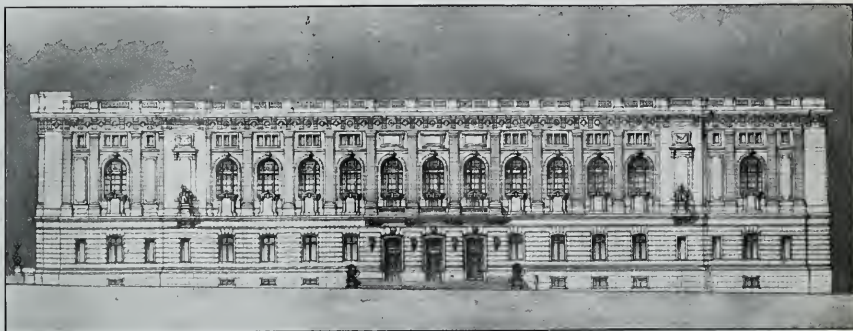
DESIGN AWARDED ONE THOUSAND DOLLARS

San Francisco Library Competition

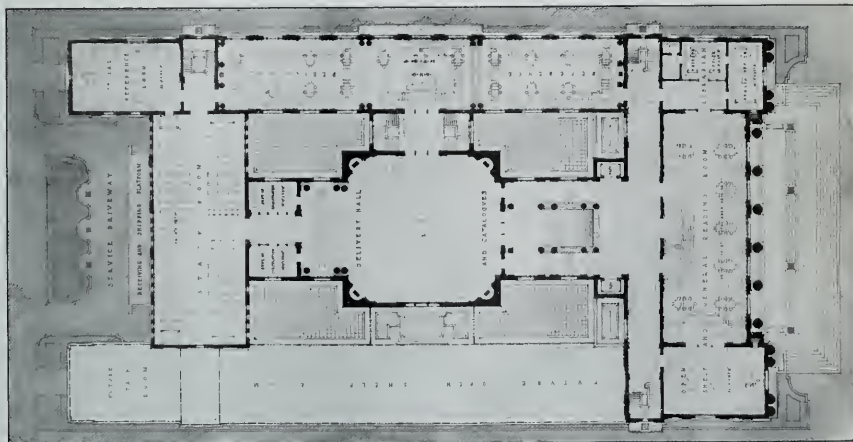


SECOND OR MAIN FLOOR PLAN

Ward & Böhme, Architects
San Francisco



DESIGN AWARDED ONE THOUSAND DOLLARS
San Francisco Library Competition



SECOND OR MAIN FLOOR PLAN

G. Albert Lansburgh, Architect
San Francisco

ing, S. Cosu Ave., S. F.
Architect...None.
Contractor...Alfred Johnson, 2423 Cle-
ment, San Francisco.

COST, \$2800

(1560) E POTRERO 30 N 17th. Two-
story and basement frame (2) flats.
Owner.....A. Geluzzi, 337 Arkansas,
San Francisco.
Architect...J. Devenenzi, 1069 Union,
San Francisco.

Day's work. COST, \$3000

(1561) N ALVARADO 200 E Guerrero,
Three-story and basement frame (6)
tenements.
Owner.....G. Trombetta, 72-A Alva-
rado, San Francisco.

Architect...J. Devenenzi, 1069 Union,
San Francisco.
Contractor...Devenenzi Bros & Co.,
1069 Union, San Francisco.
COST, \$8000

(1562) E NINETEENTH AVE 25 N
Anza. Two-story frame dwelling.
Owner.....Costello & Feerick, 93 Col-
lege Ave., San Francisco.
Architect...None.
Day's work. COST, \$2000

(1563) E FILLMORE 32-6 N Pixley
32-6x82-6. Alterations and additions
to two-story frame building.
Owner.....A. Schwarz.
Architect...Theo. W. Lenzen, Hum-
boldt Bank Bldg., S. F.
Contractor...Frank Crothers, 1426 10th
Ave., San Francisco.

Filed May 4, '14. Dated May 2, '14
Ready for plaster.....\$800
Completed and accepted..... 835
Usual 35 days..... 545
TOTAL COST, \$2180
Bond, \$1090. Sureties, J. W. Schouten
and J. H. McCallum. Limit, 40 days.
Forfeit, none. Plans and specifications
filed.

(1564) E SHOTWELL 185 N 20th N 30
x E 132-6. Moving one-story cottage
and erection of three-story and base-
ment frame flats.
Owner.....Thaddeus W. Terry, 527
Shotwell, San Francisco.
Architect...T. P. Ross, 310 California,
San Francisco.
Contractor...H. T. Grieb, 1020 Green-
wich, San Francisco.

Filed May 4, '14. Dated Apr. 16, '14.
2nd story joists set.....\$1625
Roof on..... 1625
Brown coated..... 1625
Completed and accepted..... 1625
Usual 35 days..... 2200
TOTAL COST, \$8700
Bond, \$4350. Sureties, Fred Suhr, Jr.
and Geo. H. Smith. Limit, 100 days.
Forfeit, none. Plans and specifications
filed.

(1565) SE TWENTY-THIRD AND
Bryant E 56xS 52. Plumbing for 3-
story and basement reinforced con-
crete stores and flats.
Owner.....Vittorio and Agostina
Sattul, 2507 Bryant, S. F.
Architect...Louis Mastrospasqua, 530
Washington, San Francisco.
Contractor...L. Ravan, 50 Auburn,
San Francisco.

Filed May 4, '14. Dated May 1, '14.
Roughing in.....\$577
Completed and accepted..... 577
Usual 35 days..... 385
TOTAL COST, \$1540

Bond, \$770. Sureties, C. W. Morris and
J. H. Wright. Limit, none. Forfeit,
\$10. Plans and specifications filed.

(1566) E KEARNY 26-6 S Filbert S 28
x E 27-6. All work except shades, gas
fixtures and finish hardware for two-
story and basement frame flats.
Owner.....David Catelli, 358 Green,
San Francisco.

Architect...None.
Contractor...Liebert & Martinelli, 5
Woodward, S. F.
Filed May 4, '14. Dated Apr. 29, '14.
Frame up.....\$643.75
Brown coated..... 643.75
Completed and accepted..... 643.75
Usual 35 days..... 643.75
TOTAL COST, \$2575.00

Bond, \$1287.75. Sureties, Jno. Banacho-
wski and N. Capurro. Limit, 90 days
after April 30. Forfeit, \$3. Plans and
specifications filed.

(1567) NW BLUXOME 135 SW 4th SW
75xNW 120. Alterations to Class "C"
warehouse.
Owner.....Edith D. Creede.
Architect...Lewis P. Hobart, Crocker
Bldg., San Francisco.
Contractor...W. A. Goericke, Postal
Telegraph Bldg., S. F.

Filed May 4, '14. Dated May 4, '14
Payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, \$3785
Bond, \$1892.50. Surety, Equitable Surety
Co. Limit, May 25. Forfeit, none.
Specifications only filed.

(1568) S JERSEY 159-6 W Diamond
W 25xS 114. All work for two-story
and basement frame residence.
Owner.....Daniel Curtin.
Architect...M. J. Welsh, 32nd and
Mission, San Francisco.
Contractor...L. J. Roberts and J. B.
Woolfrey, 1245 19th Ave.,
San Francisco.

Filed May 4, '14. Dated May 2, '14.
Frame up.....\$550
Brown coated..... 550
Completed..... 550
Usual 35 days..... 550
TOTAL COST, \$2200
Bond, \$1100. Surety, Massachusetts
Bonding & Insurance Co. Limit, 50
days from May 5. Forfeit, \$1. Plans
and specifications filed.

(1569) W SECOND AVE 86-11% S
Cabrillo S 29xW 120. All work for
two-story and basement frame flats.
Owner.....Thos. R. Skerrett, 835 Pul-
ton, San Francisco.
Architect...Carl Werner, 952 Phelan
Bldg., San Francisco.
Contractor...Ira W. Coburn Inc, Hearst
Bldg., San Francisco.

Filed May 4, '14. Dated May 4, '14.
Frame up.....\$1375
Standing finish on..... 1500
Completed and accepted..... 2000
Usual 35 days..... 1625
TOTAL COST, \$6500
Bond, \$3250. Surety, National Surety
Co. Limit, 70 days. Forfeit, \$5. Plans
and specifications filed.

(1570) N SUTER 102-6 E Fillmore E
27-6xN 137-6. Carpenter, roofing,
tinning, plaster, marble and mosaic
work for alterations and additions
to building.
Owner.....Edw. F. Henzel, 274 10th
Ave., San Francisco.
Architect...None.

Contractor...A. W. Spelt, 539 Day, S. F.
Filed May 5, '14. Dated Apr. 20, '14.
Frame up.....\$487.50
Brown coated..... 487.50
Completed and accepted..... 487.50
Usual 35 days..... 487.50
TOTAL COST, \$1950.00

Bond, \$975. Surety, Aetna Accident &
Liability Co. Limit, 60 days after Apr.
21. Forfeit, none. Plans and specifi-
cations filed.

(1571) S McALLISTER 137-6 W Brod-
erick W 25xS 137-6. All work for
two-story & basement frame apart-
ments.
Owner.....Rosa Frey and Millie
Lindauer, 1733 McAllister,
San Francisco.

Architect...None.
Contractor...Gustav Peterson, 351 12th
Ave., San Francisco.
Filed May 5, '14. Dated May 1, '14.
Frame up.....\$1700
Plaster finished..... 1700
Completed and accepted..... 1700
Usual 35 days..... 1700
TOTAL COST, \$6800

Gond, none. Limit, 100 days. Forfeit,
\$5. Plans and specifications filed.
NOTE:—Plans by C. B. Lindaur, Non-
certified, 1727 Grove.

(1572) EXPOSITION SITE. Piled
roadway and sheet piling bulkhead
for Fulton Basin Gardens.
Owner.....Panama-Pacific Interna-
tional Exposition Co., Ser-
vice Bldg., S. F.
Architect...None.

Contractor...Hyde Harjes & Co., Inc.,
110 Market, S. F.
Filed May 5, '14. Dated Apr. 30, '14.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$6210
Bond, \$4000. Surety, Massachusetts
Bonding Insurance Co. Limit, 70 days
Forfeit, \$15. Plans and specifications
filed.

(1573) S WASHINGTON, bet. Powell
and Stockton. Structural steel and
iron and ornamental iron and steel
for Oriental School building.
Owner.....City and County of S. F. by
Elmer Carlson, 209 Pros-
pect Ave., San Francisco.
Architect...John Galen Howard, F. H.
Meyer and John Reid Jr.,
604 Mission, S. F.

Contractor...Golden Gate Iron Works,
107 11th, San Francisco.
Filed May 5, '14. Dated May 4, '14.
75% as work progresses as con-
tractor receives payments from
Municipal corporation.....
Usual 35 days..... 25%
TOTAL COST, \$15,205
Bond, \$7602. Surety, Massachusetts
Bonding & Insurance Co. Limit, 100
days. Forfeit, none. Plans and specifi-
cations filed.

(1574) NOS. 212-215 PERRY, bet. 4th
and 5th, 25x50. Alterations and ad-
ditions to two-story frame building.
Owner.....Marie Y. Y. Hinrichs,
Premises.
Architect...None.
Contractor...Harvey W. McCracken, 64
Glover, San Francisco.

Filed May 5, '14. Dated May 5, '14.
Brown coated and rough plum-
ing in.....
Completed and accepted.....
Usual 35 days.....
TOTAL COST, \$1880

Bond, \$900. Surety, United States Fidelity & Guaranty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1575) E RONDEL PLACE 381 S 16th. Steel frame tank tower.
Owner.....Home Laundry Co., Hoff Ave near 17th, S. E.
Architect...None.
Contractor...Schrader Iron Works, 1247 Harrison, San Francisco.
COST, \$2000

(1576) J HARPER 290 S 30th. One and one-half-story and basement frame dwelling.
Owner.....T. Webb, 222 Raymond Ave., San Francisco.
Architect...None.
Contractor...T. H. Parry, 222 Raymond Ave., San Francisco
COST, \$1900

(1577) SE TWENTY-NINTH 205 V Noe. One and one-half-story and basement frame dwelling.
Owner.....Adrian Peterson, 432 27th, San Francisco.
Architect...None.
Day's work.....COST, \$1900

(1578) SE LOMBARD & MONTGOMERY Erect concrete retaining wall.
Owner.....Merchants' Ice & Cold Storage Co., Premises
Architect...Edw. Kollofrath, 560 Bevedere, San Francisco.
Day's work.....COST, \$1850

(1579) W HARPER 310 S 30th. One and one-half-story and basement frame dwelling.
Owner.....T. Webb, 222 Raymond Ave., San Francisco.
Architect...None.
Contractor...T. H. Parry, 222 Raymond Ave., San Francisco.
COST, \$1900

(1580) N SUSSEX 50 E Diamond. Alter and add to dwelling.
Owner.....Chas. G. Stahlberg, 82 Sussex, San Francisco.
Architect...None.
Contractor...Wm. H. Kountz Jr., 164 Sussex, San Francisco.
COST, \$1142

(1581) J510 GALVEZ. Remove and add to cold storage plant.
Owner.....South S. F. Packing & Provision Co., Premises.
Architect...None.
Day's work.....COST, \$2000

(1582) NO. 1461 PAGE. Alter and repair dwelling.
Owner.....John G. Rapp, Premises.
Architect...None.
Contractor...W. T. Lorenzen, 430 Steiner, San Francisco.
COST, \$1450

(1583) W BRYANT 100 N 23rd N 30x W 100. All work for two-story frame flats.
Owner.....Susan C. & Jno. A. Mugan, 1748 Bryant, San Francisco.
Architect...None.
Contractor...Segurson Bros., 308 Guerrero, San Francisco.
Filed May 6, '14. Dated Apr. 30, '14.
Frame up\$1037.50
Brown coated1037.50
Finished1037.50

Usual 35 days.....1037.50
TOTAL COST, \$4150.00
Bond, \$2075. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

(1584) W FILLMORE 70-3 1/2 S Jackson S 32-4 1/2 x W 105 W A 350. Alterations and additions to make two-story frame building (store and flat).
Owner.....J. Haller, 2419 Fillmore, San Francisco.
Architect...None.
Contractor...Herman H. Bergfeld, 496 Utah, San Francisco.
Filed May 6, '14. Dated May 4, '14.
Frame up\$650
Brown coated650
Completed and accepted.....650
30 days after.....650
TOTAL COST, \$2600

Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

(1585) NE McALLISTER & WEBSTER 137-6x85. Plumbing, darning, etc., for alterations and additions two-story lodging house.
Owner.....Metha Goetjen, 906 Webster, San Francisco.
Architect...Faich & Knoll, Hearst Bldg., San Francisco.
Contractor...Frank J. Kilmin, 221 Oak, San Francisco.
Filed May 6, '14. Dated Apr. 28, '14.
Roughed in\$600
Completed and accepted.....410
Usual 35 days.....337
TOTAL COST, \$1347

Bond, none. Limit, 30 days from filing Forfeit, \$5. Plans and specifications filed.

(1586) W HYDE 20 N Green X 20xW 60. All work for two-story and basement frame building (2 flats and store).
Owner.....H. C. Miller.
Architect...Frederick D. Boese, 45 Kearny, San Francisco.
Contractor...Henry Conrad, 2854 Pine, San Francisco.
Filed May 6, '14. Dated Apr. 4, '14.
Frame up and rough plumbing in\$1331.25
Brown coated1331.25
Completed and accepted.....1331.25
Usual 35 days.....1331.25
TOTAL COST, \$5325.00

Bond, \$2662.50. Sureties, P. Parento and Louis Creyer. Limit, 100 days. Forfeit, \$3. Plans and specifications filed.

(1587) S NAPLES 247-5 SE Brunswick. One-story and basement frame dwelling.
Owner.....M. Nelson, 317 Leavenworth, San Francisco.
Architect...O. E. Evans, 2367 Mission, San Francisco.
Day's work.....COST, \$1500

(1588) S SUTTER 206 W Jones. Add five rooms in basement.
Owner.....J. W. Hjul, Merchants' Exchange Bldg., S. F.
Architect...None.
Day's work.....COST, \$500

(1589) NE CUIVER AND ST. MARYS. One-story frame dwelling.
Owner.....Chas. W. Schmidt, 900 Brannan, San Francisco.

Architect...Rhodes & Marisch, 3372 16th, San Francisco.
Day's work.....COST, \$400

(1590) NO. 113 SCOTT. Enlarge and add two rooms.
Owner.....Mrs. McDermott, Premises
Architect...None.
Contractor...A. Warneke, 879 Haight, San Francisco.
COST, \$500

(1591) NW FILLMORE AND GREENWICH. Repair and alter saloon.
Owner.....J. J. Sweeney, Premises.
Architect...None.
Contractor...H. Schulte & Son, 630 Precita Ave., San Francisco
COST, \$500

(1592) NO. 108 TUCKER. Move and raise dwelling.
Owner.....J. C. Jacobsen, Premises.
Architect...None.
Day's work.....COST, \$400

(1593) SE MASONIC AND TURK. One-story and basement frame dwlg.
Owner.....Mrs. Mattie Edner, 2397 Turk, San Francisco.
Architect...None.
Day's work.....COST, \$500

(1594) ON TERRACE rear of Cliff House. One-story frame store.
Owner.....Gust Stavrou, Cliff House.
Architect...None.
Contractor...W. F. Mullin, 556 Jones, San Francisco.
COST, \$450

(1595) NO. 3114 FILLMORE Install bak. oven.
Owner.....Mrs. P. Stalder et al, 1440 Polk, San Francisco.
Architect...None.
Contractor...J. P. Glaser & Co., 2070 Union, San Francisco.
COST, \$475

(1596) NO. 521 FORTY-FIRST AVE. Raise cottage, add one story and minor repairs.
Owner.....R. Malthouse, Premises.
Architect...J. W. Walker, 1183 Oak, San Francisco.

Day's work.....COST, \$900
(1597) NO. 1266 WASHINGTON. General alterations and repairs to residence.
Owner.....Mrs. H. B. Boggs, Premises
Architect...None.
Day's work.....COST, \$600

(1598) NO. 1212 FELL. Concrete bulkhead, and alter for garage.
Owner.....S. A. McDonnell, Premises.
Architect...Fred B. Wood, 2211 Steiner San Francisco.
Contractor...Brutcher & Serna, 110 Jessie, San Francisco.
COST, \$400

(1599) E ARKANSAS 150 S 20th. One-story and basement frame dwlg.
Owner.....Wm. McGregor, 317 Missouri, San Francisco.
Architect...Phillip Overman, Shreve Bldg., San Francisco.
Day's work.....COST, \$1500

(1600) NO. 1373 CLAY. Erect pergola on roof.
Owner.....O. P. Stidger, Montgomery Block, San Francisco.
Architect...A. R. Denke, Humboldt Bank Bldg., S. F.
Day's work.....COST, \$1500

(1891) S TWENTY-SIXTH 240 W Diamond. One and one-half-story and basement frame dwelling.
Owner.....Joe Pedler, 521 Clipper, San Francisco.

Architect...None.
Day's work.....COST, \$1700

(1602) E HALLAM 250 S Folsom. Two-story and basement frame (2) flats.
Owner.....Guisepppe Reggardo, 14 Decatur, San Francisco.

Architect...None.
Day's work.....COST, \$1800

(1603) NE ELEVENTH AVE & GEARY E 32-6XN 100. Painting, graining, staining, papering, etc., for two-story and basement frame residence and a three-story and basement frame bldg.
Owner.....Bertha White, 293 Collingwood, San Francisco.

Architect...E. A. Neumarkel, 948 Market, San Francisco.

Contractor...Otto List, 61 Crocker Bldg., San Francisco.

Filed May 7, '14. Dated Apr. 23, '14. Inside ready for varnish and outside has 2 coats.....\$300
Completed and accepted.....285
Usual 35 days.....195
TOTAL COST, \$780

Bond, \$290. Surety, Massachusetts Bonding & Insurance Co. Limit, 20 days after inside finish on. Forfeit, \$5. Plans and specifications filed.

(1604) EXPOSITION SITE. Plastering work for Yellowstone Park Concession.
Owner.....Union Pacific System Yellowstone Park Concession by J. R. Katherns, Hearst Bldg., San Francisco.

Architect...E. J. Austin.
Engineer...C. H. Snyder.

Contractor...The Decorative Construction Co., 350 Hayes, S. F.

Filed May 7, '14. Dated Apr. 20, '14. On 10th of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$17,540

Bond, \$9770. Surety, Aetna Accident & Liability Co. Limit, Oct 9, 1914. Forfeit, \$20. Specifications only filed.

(1605) CEMENT FLOORS ON ABOVE. Contractor...H. A. Chalmers, Inc., 180 Jessie, San Francisco.

Filed May 7, '14. Dated Apr. 24, '14. Payments same as above.....

TOTAL COST, \$4400
Bond, \$2200. Surety, Pacific Coast Casualty Co. Limit, Oct. 9, 1914. Forfeit, \$5. Specifications only filed.

(1606) W PRESIDIO AVE 127-3/4 S Jackson — 120 S 37-3/4 E 40-4 N S E 79-8 N 32-3/4 W A 803. All work for two-story and basement frame residence.

Owner.....Henry R. Jacob.
Architect...Havens & Toepke, 46 Kearny, San Francisco.

Contractor...H. W. Arnold, 227 Chattanooga, San Francisco.

Filed May 7, '14. Dated May 1, '14. Frame up and sheathed.....\$2100

1st coat plaster on and outside partially finished.....2100

Plastering completed, sashes hung and outside finished.....2100

Standing finish on.....2100

Completed and accepted.....2088

Usual 35 days.....3496
TOTAL COST, \$13,984

Bond, \$7000. Sureties, J. J. Moriatti and L. H. Berth. Limit, Oct. 1, 1914. Forfeit, \$10. Plans and specifications filed.

(1607) S FILBERT 87-6 E Fillmore E 50xS 137-6. Excavating, grading, cement work, steel, iron and brick work, sheet metal and roofing, carpentry, plastering, flooring, stairs, window and door frames, sash, doors, mill work, interior finish, glass and glazing, painting, plumbing, and electric work for one-story public garage.

Owner.....J. Sheldon Potter, Phelan Bldg., San Francisco.

Architect...Houghton Sawyer, Shreve Bldg., San Francisco.

Contractor...Foster-Vogt Co., Sharon Bldg., San Francisco.

Filed May 7, '14. Dated May 1, '14. On 1st of each month.....75%

Usual 35 days.....25%
TOTAL COST, \$10,984

Bond, \$5500. Surety, Massachusetts Bonding & Insurance Co. Limit, Aug. 1, 1914. Forfeit, \$10. Plans and specifications filed.

(1608) W SANCHEZ 86 S 25th S 28x W 76-9. All work for two-story frame building (4 flats).

Owner.....Timothy J. and Bridget J. Carmody, 1071 Noe, S. F.

Architect...Ruegg Bros.
Contractor...Joseph B. and Leo Ruegg, 719 Pacific Bldg., S. F.

Filed May 7, '14. Dated Apr. —, '14. Frame up and roof on.....\$1275

Brown coated.....1275

Completed and accepted.....1275

Usual 35 days.....1275
TOTAL COST, \$5100

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

NOTE—Location in specifications read W Noe 75 N 26th 28x77-9.

(1609) N MARKET 49-9/8 E Page E 27-1/2 — N 122-0 1/2 W 22 S 127-10 1/2. Brick and concrete work for alterations and additions to one-story brick and concrete building.

Owner.....A. S. Macdonald, Mills Bldg., San Francisco.

Architect...A. W. Pattiani, 606 Merchants' Nat'l. Bank Bldg., San Francisco.

Contractor...Chas. B. Hadley, 185 Stevenson, San Francisco.

Filed May 7, '14. Dated May 2, '14. Walls below 3rd story ready to receive joists.....\$1400

Completed and accepted.....1490

Usual 35 days.....970
TOTAL COST, \$3860

Bond, \$1930. Surety, Aetna Accident & Liability Co. Limit, 25 days. Forfeit, none. Plans and specifications filed.

(1610) CARPENTRY, MILL & DOOR sash, etc., on above.

Contractor...Harold Braunton, 185 Stevenson, San Francisco.

Filed May 7, '14. Dated May 2, '14. 2nd story window frames and floor joists for 3rd story set.....\$400

3rd story frames set, roof ready for roofer.....600

Completed and accepted.....526

Usual 35 days.....510
TOTAL COST, \$2036

Bond, \$1018. Surety, Aetna Accident & Liability Co. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(1611) SW BENNINGTON & NEWMAN. All work except grading for two-story frame store and flats.

Owner.....Michael Fogarty.
Architect...None.

Contractor...Elias J. Wade and Peder Carlsen, 71 Pierce, S. F.

Filed May 8, '14. Dated May 6, '14. Frame up and roof sheathing on.....\$550

Brown coated and enclosed.....850

Completed and accepted.....850

Usual 35 days.....850
TOTAL COST, \$3400

Bond, \$1700. Surety, Maryland Casualty Co. Limit, 75 days after May 11. Forfeit, \$5. Plans and specifications filed.

(1612) NE FULTON AND PARKER AVE E 175xN 275. Marble and tile floors for church building.

Owner.....The President & Board of Trustees of St. Ignatius College.

Architect...Chas. J. I. Devlin, Pacific Bldg., San Francisco.

Contractor...Joseph Musto Sons-Keenan Co., 565 North Point, S. F.

Filed May 8, '14. Dated May 1, '14. Completed.....\$2000

Usual 35 days.....723
TOTAL COST, \$2723

Bond, \$1400. Sureties, Marie A. Musto and A. E. Sbarbora. Limit, June 22. Forfeit, \$25. Plans and specifications filed.

(1631) E POPE 200 S Morse. One-story and basement frame dwelling.

Owner.....G. Boese, 133 Pope, S. F.

Architect...None.
Day's work.....COST, \$400

(1614) NO. 21 SCOTT. Alter for garage

Owner.....Dr. A. Rosenthal, Premises Architect...None.

Contractor...Chas. F. Muller, 84 28th, San Francisco.

COST, \$400

(1615) EIGHTH AND HOOPER. Move and underpin building.

Owner.....Altchison, Topeka & Santa Fe Rail Road, 3rd and Channel, San Francisco.

Engineer...R. S. Haynes, 3rd and Channel, San Francisco.

Contractor...D. J. & T. Sullivan, 1942 Folsom, San Francisco.

COST, \$425

(1616) NO. 140 NEW MONTGOMERY. Installation of brick wall.

Owner.....The Pacific T. & T. Co., Shreve Bldg., S. F.

Architect...Chief Eng. Pacific T. & T. Co., Shreve Bldg., S. F.

Contractor...John Gately, 3042 California, San Francisco.

COST, \$3000

(1617) NO. 201 HOFFMAN AVE. Alter store into 5-room flat.

Owner.....Fritz Windt, Premises.

Architect...None.

Contractor...A. Schofield, 4277 22nd, San Francisco.

COST, \$500

(1618) NO. 149 TEHAMA (rearr). One story frame wash room.

Owner.....Mina E. Lewelling, 809 Crocker Bldg., S. F.

Architect...None.

Contractor...L. A. Kern, 3646 17th, S. F.

COST, \$400

(1619) NO. 1622 CAPITOL. Raise dwelling, add two rooms and concrete foundation.
Owner.....F. L. Clark, Premises.
Architect...None.
Contractor...Chas. Sovles, 1030 Brighton Ave., San Francisco.
COST, \$400

(1620) W SAN BRUNO 150 S Olmstead One-story frame store.
Owner.....John Pawlowski, 3166 San Bruno Ave., San Francisco.
Architect...None.
Day's work. COST, \$150

(1621) NOS. 523-533 GOLDEN GATE Ave. Repair floor and remodel.
Owner.....R. Hooker, 1st and Market San Francisco.
Architect...None.
Contractor...Van Sant-Houghton Co., 503 Market, San Francisco.
COST, \$750

(1622) N RIVOLI 100 E Stanyan. Two story and basement frame (2) flats.
Owner.....Emil Nelson, 580 Jersey, San Francisco.
Architect...None.
Day's work. COST, \$3800

(1623) NE WALLER AND ASHBURY. One-story frame garage.
Owner.....H. J. Grauerholz, 45 Kearny, San Francisco.
Architect...F. D. Boese, 45 Kearny, San Francisco.
Day's work. COST, \$400

(1624) W MADRID 100 N Peru. One-story and basement dwelling.
Owner.....Jos. Cuneo, 7 Peru, S. F.
Architect...None.
Day's work. COST, \$1300

(1625) W FORTY-THIRD AVE 125 S Lincoln Way. One-story and basement frame dwelling.
Owner.....C. H. Dallman, 1248 47th Ave., San Francisco.
Architect...None.
Contractor...M. M. Finlayson, 110 Jessie San Francisco.
COST, \$1000

(1626) NO. 374 TWENTY-SIXTH AVE. Add two rooms.
Owner.....Edward P. Fewer, Prem.
Architect...None.
Day's work. COST, \$400

(1627) W GRANT AVE 137 N Union. One-story and basement frame stores.
Owner.....E. Hirsh, 110 Front, S. F.
Architect...None.
Day's work. COST, \$1550

(1628) NO. 785 BROADWAY. Alter front and make changes on saloon.
Owner.....Lucea Bros., Premises.
Architect...None.
Contractor...Ponsero Bros., Stark Bros., bet Broadway & Stockton, San Francisco.
COST, \$400

(1629) W MOSCOW 92-6 N Italy. One-story and basement frame dwg.
Owner.....August Doerr, 758 Moscow, San Francisco.
Architect...None.
Day's work. COST, \$1500

(1630) NO. 287 VALLEJO. Repair fire damages.

Owner.....M. V. Samuels et al, Stockton and O'Farrell, S. F.
Architect...None.
Contractor...Barrett & Hilp, 422 Sharon Bldg., San Francisco.
COST, \$900

(1631) E TWENTY-SECOND AVE 323 S Lake. Two-story and basement frame dwelling.
Owner.....James Welsh, 244 20th Ave San Francisco.
Architect...None.
Day's work. COST, \$4000

(1632) NW ARLINGTON 545 SW Roanoke SW 30xNW 75. All work for one and one-half-story and basement frame residence.
Owner.....Rosa Constant, 525 Chienery, San Francisco.
Architect...None.
Contractor...Thomas McCormick, 25 Gladys, San Francisco.
Filed May 9, '14. Dated May 6, '14.

Frame up\$525
Brown coated 525
Completed and accepted..... 525
Usual 35 days..... 525
TOTAL COST, \$2100
Bond, \$1100. Sureties, H. S. Thomson and W. A. Dunne. Limit, 60 days from recording. Forfeit, none. Plans and specifications filed.

(1633) N CALIFORNIA 297-3 W Cherry W 27-28xN 132-06. All work for two-story frame flats.
Owner.....Andreas & Aguste Steinmetz, 637 Ash, S. F.
Architect...None.
Contractor...R. W. Moller, 185 Stevenson, San Francisco.
Filed May 9, '14. Dated May 4, '14.

Roof on and plumbing roughed in\$3170
Completed and accepted..... 3169
Usual 35 days..... 2113
TOTAL COST, \$4352
Bond, none. Limit, 100 days after May 5. Forfeit, \$5. Plans and specifications filed.

(1634) SE HARKNESS 60 NE Goettingen NE 30xSE 100. All work for one-story and basement frame building.
Owner.....Ludwig Halmeyer.
Architect...None.
Contractor...M. Elberger, 745 5th Ave., San Francisco.
Filed May 9, '14. Dated May 7, '14.

Ready for roofing\$425
Plastering done 425
Completed and accepted..... 425
Usual 35 days..... 425
TOTAL COST, \$1700
Bond, none. Limit, Aug. 1, '14. Forfeit, none. Plans and specifications filed

(1635) W SIXTH 125 S Howard S 25x W 153. Piling for proposed three-story and basement frame rooming house.
Owner.....H. and I. Wolf, Geary & Fillmore, San Francisco.
Architect...Philip Schwerdt Co., Pheasant Bldg., S. F.
Contractor...Butler & McGowan, 180 Jessie, San Francisco.
Filed May 9, '14. Dated May 8, '14.

Completed and accepted.....\$900
Usual 35 days..... 340
TOTAL COST, \$1200
Bond, \$1200. Sureties, Thos. Butler & D. J. Sullivan. Limit, 26 days. Forfeit, none. Plans and specifications filed.

(1636) EXCAVATION. CONCRETE, carpentry, plastering, fire escapes, glazing, galvanized iron, plumbing, painting, electric work, etc., on above Contractor...Heckenroth & Schell, 110 Jessie, San Francisco.

Filed May 9, '14. Dated May 8, '14.
3rd floor ceiling joists laid.....\$1800
Enclosed, rough plastered and electric work roughed in and brown coat on interior completed 2635
Glazing done, sash hung, white coated and standing finish on upper floors 1975
Completed and accepted..... 2700
Usual 35 days..... 3050
TOTAL COST, \$12,160

Bond, \$6800. Surety, Chicago Bonding & Surety Co. Limit, 120 days from completion of pile driving. Forfeit, none. Plans and specifications filed

RELEASE OF BUILDING CONTRACT.

Apr. 27, 1914—S GREENWICH 192-6 E Fillmore E 27-6xS 120. Fortunato and Francesco Scatena with A De Benedetti & G Cuneo.....

NOTICE OF NON-RESPONSIBILITY.

Apr. 27, 1914—W SAN BRUNO AVE 41 N Army N to Andrew (Army North) W to Army SE 138-4 NW parallel with San Bruno Ave 22 E to beg. Morris Windt as to improvements on leased property...

INCORPORATIONS.

Robbins Photoplay Co. Capital Stock, \$10,000; subscribed, \$3; shares, \$1 each. Directors—J. J. Robbins, M. O'Brien, J. Farry, 1 share each. Place of business, San Francisco.
Wilbur-Ukiah Park Co. Capital Stock, \$25,000; subscribed, \$20; shares, \$1 each. Directors—E. M. Wilbur, 10 shares; W. J. Beattie and E. J. Wilbur, 5 shares each. Place of business, San Francisco.

COMPLETION NOTICES.

San Francisco.

May 1, 1914—E TWENTIETH AVE 326 S Judah 25x120. Mary Jane Sullivan to J F Johnston, John E Branagh and Thos A CuthbertsonApril 30, 1914
May 1, 1914—W TWENTY-SIXTH AVE 32-6 S Anza S 27-6xW 90. Myrtle F Dunn to Ernest E Dunn, Apr 29, '14
May 1, 1914—E TWENTY-SIXTH AVE 100 N Irving 25x120. Mary Currier Smith to Ralph J Button, May 1, 1914
May 1, 1914—N NEY 50 W Congdon W 25xN85 ptn Lots 13 and 14 Blk 7 College Hd Ass'n. Victor Bjors to whom it may concern, Apr 27, 1914
May 1, 1914—N NEY 75 W Congdon W 25xN 85 Ptn Lots 13 and 14 Blk 7 College Hd Ass'n. Victor Bjors to whom it may concern., Apr 10, '14
May 1, 1914—W FOURTH & JESSIE NW 75xSW 75. Mary L Pheasant to General Elec Constr Co, April 28; Forreder Cornice Works, April 24; American Marble & Mosaic Co., April 24; F W Snook Co., Apr. 28, '14
May 1, 1914—W TWENTIETH AVE 125 S California 25x120. Wm P Nolan to whom it may concern.....May 1, 1914
May 1, 1914—BOSWORTH NO. 1217. Oscar Swanson to whom it may

concern.....May 1, 1914
 May 1, 1914—S CALIFORNIA 137-6
 Roberts to Fred W Snook & Co.....
 E Broderick E 27-6x8 137-6. W F
April 30, 1914
 May 2, 1914—S TURK 112-6
 W Larkin W 25x8 137-6. Adolph
 Schwartz to C D Rankin.....May 2, 1914
 May 2, 1914—N ELLIS 97-6 W Mason
 W 10xN 60. Charles C Jndson Co
 to Fisher & Wolfe Co.....Apr. 27, 1914
 May 4, 1914—SW LARKIN & OFAR-
 rell W 35xS 50. G G Burnett Est
 Co to H C Warwick.....May 4, 1914
 May 4, 1914—S ANZA 95 E 17th Ave
 W 25xS 100. Nevada W Meyer to
 David Leigh & Neils Schultz.....
May 2, 1914
 May 4, 1914—E UPPER TERRACE
 65 S Clifford 32-6x80. Karl Yngve
 to Karl Yngve.....May 4, 1914
 May 4, 1914—S MASONIC AVE 40 S
 Geary. G Baragno to Paul Mafel
May 4, 1914
 May 4, 1914—E MORSE & NEWTON
 NE 30xSE 75; ptn Lots 1, 2, 3 Blk 7
 Syndicate 1st Add'n to San Fran-
 cisco. John Bjorkman to whom it
 may concern.....Apr. 27, 1914
 May 4, 1914—E NINETEENTH AVE
 150 N Corbillo N 25xE 73-6. Wen-
 zel Stiller and Jacob H Kitchen to
 whom it may concern.....Apr. 28, 1914
 May 4, 1914—N WASHINGTON 75 W
 Davis N 65 W 44 N 55 to S O'regon
 David Leigh & Neils Schultz.....
May 4, 1914
 May 4, 1914—S ANZA 95 E 18th Ave
 or l. A P Jacobs to Stangluis &
 W 66 m or l S 60 E 6 S 60 E 104 m
 Forbes.....April 23, 1914
 May 5, 1914—S PACIFIC 75 W Hyde
 S 137-6xW 62-6. George E Marshall
 to A M Wallen.....Mar. 25, 1914
 May 5, 1914—SE NATOMIA 200 NE
 Eleventh NE 25xSE 75. William
 Gordon to Segursion Bros.....May 2, 1914
 May 5, 1914—SE MONTGOMERY AND
 Washington. Montgomery Block
 Real Estate Associates to Par-
 nocchia Petri & Co.....May 1, 1914
 May 6, 1914—SE EIGHTH & HARRI-
 son and Hayward. C F Wagner Co
 to Ratto & Giannini.....May 4, 1914
 May 6, 1914—N LOMBARO, ht Gough
 and Octavia 126-6 E Octavia 25x
 137-6. Frank P Galli to Guiseppe
 Polati & Co.....May 6, 1914
 May 6, 1914—S GREENWICH AND
 Pierce 20x65. A Cratiotto to Guis-
 eppa Polati.....May 6, 1914
 May 6, 1914—W ELEVENTH AVE 25
 S Anza S 25xW 100. Alfred T
 Morris to whom it may concern.....
April 1, 1914
 May 6, 1914—W ELEVENTH AVE 50
 S Anza 25x100. Alfred T Morris to
 whom it may concern.....Apr. 15, 1914
 May 6, 1914—NW TONGUIN AND
 Steiner S 687-50 to N Beach E 550
 to E Fillmore S 200 W along a line
 parallel to N Beach 350 W Steiner
 — 437.50 N Bay W 150 N along a
 line parallel to W Steiner 437.50 W
 along a line parallel to Beach 321.25
 to W Pierce N along W Pierce 200
 to N Beach E 321.25 N along a line
 parallel to W Tonguin 150. Pana-
 ma-Pacific Exposition Co to Michael
 Murphy.....May 1, 1914
 May 6, 1914—E TWENTY-THIRD AV
 175 S Taraval S 25xE 120. Jerome
 J and Della Hickey to Parkside
 Home Bldg Co.....Apr. 23, 1914
 May 6, 1914—S PACIFIC 132 E Jones
 E 24xS S 60. W J Cereghino to F
 Bonaccorso & A Draga. May 5, 1914

May 6, 1914—E TWENTY-FIRST AVE
 250 N Clement N 25xE 120. Mary
 P Maass to Jas Welsh.....Apr. 28, 1914
 May 6, 1914—E WILLARD 157-4 N
 Woodland Ave E 92-1½ N 25 W
 94-7½ S 25-1½. Mary L or Mary
 Louisa Sweeney to Eugene A
 Sweeney.....Apr. 27, 1914
 May 7, 1914—SE FILLMORE AND
 Jackson E 95xS 40. Angelo Belli
 to V Filippis.....May 7, 1914
 May 7, 1914—W FOURTH & JESSIE
 NW 75xSW 75. Mary L Phelan to
 John G Sutton Co.....May 6, 1914
 May 7, 1914—E BUCHANAN 100 N
 Filbert N 25xE 50. Julia Wright
 to W McKenzie.....Completed —
 May 7, 1914—N HOWARD 275 E 4th
 E 49 N 80 W 10 N 80 W 30 S 160.
 Bert Schlissinger to Wm Linden.....
April 30, 1914
 May 7, 1914—E FIFTH AVE 250 N
 "A" N 50xE 120. The Pacific Tele-
 phone & Telegraph Co to Matthies
 & Griffith.....Apr. 28, 1914
 May 7, 1914—LOTS 53 AND 56 Allen
 & Co Sub Windsor Terrace. H B
 and L D Allen to whom it may
 concern.....May 1, 1914
 May 7, 1914—E SEVENTEENTH AVE
 25 N Anza (A) N 25xE 90. Joseph
 C Kirby to whom it may concern
April 28, 1914
 May 8, 1914—SW GEARY & LARKIN
 W 76xS 120. P J Gartland to Central
 Iron Works.....May 6, 1914
 May 8, 1914—W FOURTH & JESSIE
 NW 75xSW 75. Mary L Phelan to
 Harry G Graper.....May 8, 1914
 May 8, 1914—N BUSH adj E Mills
 Bldg having frontage on Bush of
 68-9. Ogden Mills to P Grassi.....
May 8, 1914
 May 8, 1914—N BUSH adj E Mills
 Bldg. having frontage on Bush of
 68-9. Ogden Mills to P Grassi.....
May 8, 1914

LIENS FILED.

San Francisco.

May 2, 1914—E THIRTY-SEVENTH
 Ave 125 N Irving N 25xE 130.
 United Lighting Fixture Co vs C
 and Anna Bellanca.....\$110
 May 4, 1914—NW MARKET 473 SW
 fm W Church NW 116-1 S parallel
 with Sanchez 20-8 SW parallel with
 Market 11-3 SE 100 NE 25. T Rob-
 erts vs Bridget Dillon.....\$28.75
 May 4, 1914—N GREEN 193-3¼ W
 Jones W 45xN 120; No. 1650 Green.
 Haines. Jones & Cadbury Co vs
 Thos W Alton and The Geo A Bos
 Co.....\$707.01
 May 6, 1914—NW MARKET 6-6¼ NE
 from N California NE 79-9 N 131-2
 W 64-8½ S 177-9¼ 86, 94 Market.
 Schwartz & Gottlieb vs S J Pringle.
 E C Pringle. — Long (as Long's
 Ferry Market).....\$44
 May 6, 1914—N LINCOLN WAY 57-6
 W 18th Ave W 25xS 100. E A
 Howard & Co vs L H Hanson and
 Sol Getz & Sons.....\$567.05
 May 8, 1914—S SUTTER 100 W Leav-
 enworth: No. 965 Sutter, Gas & Elec
 Appl Co vs Goldberg Bowen & Co
\$347.43

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 2 story and base.
 frame, \$5,000. Oakland, Cal. Archi-
 tect, George Anderson, 6046 Lawton
 avenue, Oakland. The dwelling has
 been designed for an eight-room
 house with bath and sleeping porch,
 and will be erected on Lawton avenue
 east of Broadway. Interior will be
 finished in pine and elm with hard-
 wood floors in the living room, dining
 room and reception hall. There will
 be furnace heat and open fire places.
 Mantels will be of tile. An automatic
 water heater will be installed. Bath
 room will have tile wainscot and com-
 position floor. Exterior of the dwell-
 ing will be covered with cement plaster
 on metal lath. Plans are being
 prepared and when complete work
 will be carried on by Day Labor.

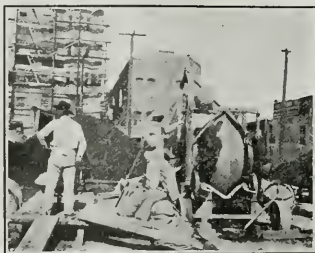
RESIDENCE — 2 story and base.
 frame, \$3,000. Oakland, Cal. Archi-
 tect, none. Owner, F. H. Dailey, 2130
 Broadway, Oakland. The dwelling has
 been designed for a seven-room house
 with bath, and will be erected on
 Richmond Boulevard south of Moss
 avenue. Interior finish will be of pine,
 redwood and elm. Hardwood floors
 will be used in the living room and
 dining room. There will be furnace
 heat and open fire places. Mantels
 will be of tile or brick. Bath room
 will have tile wainscot and composi-
 tion floor. An automatic water heater
 is specified. Exterior of the house will
 be covered with cement plaster on
 metal lath. Plans are in the hands of
 the owner who will do the work by
 Day Labor. Materials are now being
 purchased.

BUNGALOW — 1 story and base,
 frame, \$2,000. Oakland, Cal. Archi-
 tect, Clay N. Burrell, Albany Bldg.,
 Oakland. Owner, E. F. Muller. The
 dwelling has been designed to contain
 six rooms, bath and sleeping porch,
 and will be erected in Claremont.
 Interior finish will be largely of pine
 with some hardwood veneer. Oak
 floors will be used in the living room,
 dining room and reception hall. There
 will be furnace heat and open fire
 places. Mantels will be of tile or
 brick. An automatic water heater
 will be installed. Bath room will have
 tile wainscot and composition floor.
 Exterior of the house will be covered
 with cement plaster on metal lath.
 Plans are complete and work will be
 done by Day Labor. Materials are
 now being purchased.

RESIDENCE — 2 story and base,
 frame, \$3,000. Oakland, Cal. Archi-
 tect, none. Owner, Theo. Fenn, 749
 61st street, Oakland. The dwelling
 has been designed for a seven-room
 house with bath and sleeping porch,
 and will be erected in the Foothill
 Boulevard Tract. Pine, redwood and
 some hardwood veneer will be used
 for interior finish. Hardwood and in-
 lair floors are also specified. Plans pro-
 vide for furnace heat and open fire
 places. Mantels will be of tile. Bath
 room will have tile wainscot and com-
 position floor. An automatic water
 heater will be installed. Exterior of
 the dwelling will be covered with ce-
 ment plaster on metal lath. Plans are
 complete and in the hands of the own-
 er who will do the work by Day Labor.

RESIDENCE — 2 story and base,
 frame, \$5,000. Berkeley, Alameda Co.,

Get It From Bacon



Foote Mixer on building work
Lang & Bergstrom, Contractors.



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CONTRACTORS EQUIPMENT.

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38-40 NATOMA ST., S. F.

Edward R. Bacon is positively not connected with any other firm.

SCHRADER
IRON
INC. WORKS

**Structural Steel
Contractors**

Works at
**HARRISON ST.,
bet. 8th & 9th
San Francisco**

Telephone Market 337

Cal. Architect, Leonard H. Ford, 2136 Center street, Berkeley. Owner, Caroline Wolbold. The dwelling will be erected in the Claremont Tract, and has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be of pine, redwood and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fireplaces. Mantels will be of tile and brick. Bath rooms will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken by the architect.

RESIDENCE — 2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, W. J. Brownlee. The dwelling will be erected at the corner of Arch and Virginia streets, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine, redwood and elm. Hardwood floors and beam ceilings will be used in the principal rooms. Plans provide for furnace heat and open fireplaces. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will be finished in tile and composition floor.

rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. The wainscot and composition floor will be used in the bath room. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE — 2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, W. J. Brownlee. The dwelling will be erected at the corner of Arch and Virginia streets, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine, redwood and elm. Hardwood floors and beam ceilings will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will be finished in tile and composition floor.

Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

POLICE STATION—1 story, frame, \$5,000. Oakland, Cal. Architect's name not given. Owners, City of Oakland. Bids were opened on Thursday last by the City Council for constructing a branch police station. The lowest figures were submitted by W. C. Thornally at \$5,150. No award of contract was made. A list of the bids received will be found under the heading of Oakland and Alameda County in this issue.

DORMITORY BUILDING — 2 story and base, brick. Cost not stated. Oakland, Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Plans have been completed for a new dormitory building to be erected at the Industrial Home for the Adult Blind in Oakland. The building has been arranged to contain dormitories and a mess hall, kitchen and office. Interior will be finished in pine. Plans provide for modern plumbing, steam heat and a hot water system. Exterior will be covered with rustic and cement plaster. Plans are now out for figures and bids will be opened on June 2nd. An official proposal appears in another column of this issue.

BUNGALOW — 1 story and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architects, Wright & Rushforth, 571 California street, S. F. Owner, W. H. McGill. The dwelling will be erected on Babel street between Russell and Oregon streets, and has been designed to contain six rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

Open Bids For Oakland Police Station.

Four Bids Received for the Work. W. C. Thornally Low Man. Bids Referred to City Attorney.

Four figures were received by the Oakland City Council for constructing a frame police station. W. C. Thornally presented the lowest figure at \$5,150. Bids were referred to the City Attorney and the Department of Public Safety.

Oakland Police Station.

W. C. Thornally.....	\$5,150
J. F. Loughery.....	5,950
W. G. McIntyre.....	5,198
Ben Pearson.....	5,612

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Am't.
1146	Rhyne	Rhyne	500
1147	Lukas	O'Farrell	1500
1148	Sugg	Sugg	2500
1149	Dahl	Corbett	400
1150	Roberts	Roberts	1800
1151	Danish	Robman	1000
1152	Kehoe	Kehoe	700
1153	Gerry	Edstrom	500

1154	Fedt	4000
1159	Levin	1800
1160	Russell	400
1161	Eanos	500
1162	Fenn	3000
1168	Rodolf	1975
1169	Pollard	1975
1170	Neary	2500
1171	Nunes	1800
1172	Boyd	3800
1174	Buschini	1075
1175	Alta Piedt	6730
1177	Bullock	450
1178	Same	450
1179	Washburn	700
1180	Tate	450
1181	Mattley	500
1182	Taylor	1000
1183	Lindquist	800
1184	Clinkenbeard	2500
1185	Ewing	1787
1186	Lange	4000
1187	Sousa	2700
1189	Perry	400
1192	Carson	4000
1193	Doody	2000
1195	Brown	4150
1196	Prince	3600
1197	Howland	3550
1198	Pac G & E Co.	251
1199	Mowry	3177
1200	Clark	2700
1201	Cappellina	400
1202	Woolsey	3500

(1146) NO. 8615 D STREET, Oakland.
One-story addition.
Owner.....J. A. Rhyno Premises.
Architect...None.
Day's work. COST, \$500

(1147) E LAUREL AVE 67 S Arkansas
Oakland. One-story 5-room dwlg.
Owner.....Lukas Bros., 3402 Laurel
Ave., Oakland.
Architect...None.
Contractor...Geo. Orfans, 2021 Franklin
Oakland.
COST, \$1500

(1148) W COLBY 100 N Claremont,
Oakland. One-story 4-room dwelling.
Owner.....W. P. Suggs, 5835 Colby,
Oakland.
Architect...None.
Day's work. COST, \$2500

(1149) NO. 739 BROADWAY, Oak-
land. Alterations.
Owner.....Mr. Dahl, Premises.
Architect...None.
Contractor...Corbett & Bayliss, 1110
Franklin, Oakland.
COST, \$100

(1150) W BROADWAY 400 N College
Ave., Oakland. One-story 5-room
dwelling.
Owner.....E. J. Roberts, 1394 Masonic
Ave., Oakland.
Architect...None.
Day's work. COST, \$1800

(1151) — TWENTY-FIFTH AVE 100
NE-14th, Oakland. Addition.
Owner.....Danish Baptist Church,
Premises.
Architect...None.
Contractor...Peter Buhman, 4027 Lin-
coln Ave., Oakland.
COST, \$1500

(1152) NO. 3137 HOLLIS, Oakland. Re-
pairs and reshingle.
Owner.....P. Kehoe, Premises.
Architect...None.
Day's work. COST, \$100

(1153) NO. 1226 FIFTY-SECOND AVE,
Oakland. Addition.
Owner.....A. A. Gerry, Premises.
Architect...None.
Contractor...A. Edstrom, 1210 52nd Ave
Oakland.
COST, \$500

(1154) W SANTA RAY AVE 200 S
Rosal Ave., Oakland. Two-story 7-
room dwelling.
Owner.....Fedt Bros., 528 25th, Okd.
Architect...None.
Day's work. COST, \$1000

(1159) W FOURTEENTH AVE 100 S
E-27th, Oakland. One-story 5-room
dwelling.
Owner.....Matilda B. Levin, 1722 De-
visadero, San Francisco.
Architect...None.
Contractor...Roy B. Litton, 2326 26th
Ave., Oakland.
COST, \$1800

(1160) NO. 1432 FORTY-SIXTH AVE.,
Oakland. Addition.
Owner.....Mrs. C. A. Russell, Prem.
Architect...None.
Contractor...Jno. McIntosh, 1426 46th
Ave., Oakland.
COST, \$400

(1161) NO. 2246 FORTY-EIGHTH AV.,
Oakland. Alterations.
Owner.....John Eanos, Premises.
Architect...None.
Contractor...J. O. Hunter, 1337 51st Ave.
Oakland.
COST, \$360

(1163) S FOOTHILL BLVD 450 E Cole
Oakland. Two-story 6-room dwlg.
Owner.....Theo. Fenn, 749 61st, Okd.
Architect...None.
Day's work. COST, \$3000

(1168) E ADELINE 100 S 32nd, Oak-
land. One-story 5-room dwelling.
Owner.....Aruthr Rodolf, 2132 Ade-
line, Oakland.
Architect...None.
Contractor...John Perona, 674 19th, Okd
COST, \$1975

(1169) S FIFTIETH 140 W Shafter
Ave., Oakland. One-story 5-room
dwelling.
Owner.....T. Pollard, 5095 Shafter
Ave., Oakland.
Architect...None.
Contractor...A. W. Almquist, 464 43rd,
Oakland.
COST, \$1975

(1170) W SEVENTH AVE 50 S E-16th,
Oakland. One-story 5-room dwlg.
Owner.....Wm. F. Neary, 1723 Tele-
graph Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

(1171) SE FIFTY-FIFTH & DOVER,
Oakland. One-story 4-room dwlg.
Owner.....Geo. W. Nunes, 2616 West,
Oakland.
Architect...None.
Day's work. COST, \$1500

(1173) E RICHMOND BLVD 300 S
Moss Ave., Oakland. Two-story 6-
room dwelling.
Owner.....F. H. Dailey, 2150 Broad-
way, Oakland.
Architect...None.
Day's work. COST, \$3000

(1175) LOT 138 CROCKER HIGH-
lands, Oakland. All work for two-
story frame dwelling.
Owner.....Alta Piedmont Land Co.,
Oakland Bank of Savings
Bldg., Oakland.
Architect...W. H. Ratcliff Jr., 1st Na-
tional Bank Bldg., Bkly.

Contractor...C. A. Anderson and E. G.
Larson, Oakland.
Filed May 5, '14. Dated May 2, '14.
Frame up 1/4
Brown coated 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4

TOTAL COST, \$6730
Bond, \$3365. Surety, Chicago Bonding
& Surety Co. Limit, 125 days. Forfeet,
\$5. Plans and specifications filed.

(1177) NO. 2181 SANTA RITA, Oak-
land. Repairs and alterations.
Owner.....L. H. Bullock, 2421 Bonar,
Berkeley.
Architect...None.
Day's work. COST, \$150

(1178) NO. 2183 SANTA RITA AVE.,
Oakland. Repairs and alterations.
Owner.....L. H. Bullock, 2421 Bonar,
Berkeley.
Architect...None.
Day's work. COST, \$150

(1179) NO. 3902 EVERETT, Oakland.
Alterations.
Owner.....J. C. Washburn, Premises.
Architect...None.
Contractor...Harris & Hudson, 1957 E-
35th, Oakland.
COST, \$700

(1180) NO. 923 FRANKLIN, Oakland.
Alterations.
Owner.....S. P. Tate, 1023 Washing-
ton, Oakland.
Architect...None.
Contractor...J. C. Michelson, 444 Moss
Ave., Oakland.
COST, \$150

(1181) S MANGELS AVE 340 E 35th
Ave., Oakland. One-story 4-room
dwelling.
Owner.....Frank Mattley, 3601 Mang-
els Ave., Oakland.
Architect...None.
Contractor...N. H. Hylan, 3605 Mangels
Ave., Oakland.
COST, \$500

(1182) NO. 550 FIFTY-NINTH, Oak-
land. Three-room addition.
Owner.....W. S. Taylor, Premises.
Architect...None.
Contractor...G. Taylor, 439 Walsworth,
Oakland.
COST, \$1000

(1183) NO. 450 THIRTY-FIFTH, Oak-
land. Alterations.
Owner.....J. M. Lindquist, Premises.
Architect...None.
Contractor...F. L. Lindquist, 450 35th,
Oakland.
COST, \$800

(1184) S FORTY-SECOND 90 W Grove,
Oakland. One and one-half-story 5-
room dwelling.
Owner.....J. Clinkenbeard, 2109 Grove
Oakland.
Architect...None.
Day's work. CASH, \$2300

(1185) NO. 1728 CHESTNUT, Oakland.
Alterations.
Owner.....J. W. Ewing, Premises.
Architect...None.
Contractor...H. P. Nelson, 2241 Grove,
Berkeley.
COST, \$1787

(1186) NE GRAND AVE AND PARK
View Terrace, Oakland. Three-story
83-room apartments.

Owner.....Chas. E. Lanac. Waverly Apartments, Oakland.
 Architect...Clay N. Burrell, Albany Block, Oakland.
 Contractor...Sommarstrom Bros., 202 E-12th, Oakland.
 COST, \$40,000

(1187) SE SIXTY-FIRST & FREMONT Oakland. Two-story 8-room dwlg.
 Owner.....J. Sousa, 1175 61st, Okd.
 Architect...None.
 Day's work. COST, \$2700

(1188) W THIRTY-EIGHTH 200 S Carrington, Oakland. One and one-half-story 7-room dwelling.
 Owner.....V. B. Wells, 1957 36th Ave., Oakland.
 Architect...None.
 Day's work. COST, \$2250

(1189) NO. 587 BIRCH COURT, Oakland, Addition.
 Owner.....R. A. Perry, Premises.
 Architect...None.
 Contractor...R. H. Fallmer, 880 47th, Oakland.
 COST, \$400

(1192) S EVERETT 150 W Edgewood, Oakland. Two-story 7-room dwelling.
 Owner.....Mrs. A. Carson, 606 Vernon, Oakland.
 Architect...None.
 Contractor...Standard Bldg. Co., 5659 Shafter Ave., Oakland.
 COST, \$4000

(1192) NO. 995 WESTER, Oakland. Alterations.
 Owner.....M. Doody, 1518 E-14th, Oakland.
 Architect...None.
 Contractor...F. J. Thelle, 980 7th, Okd.
 COST, \$100

(1195) S LEAN & ALTA VISTA, Oakland. Two-story 6 room dwelling.
 Owner.....M. M. Brown, 1522 2th, Okd.
 Architect...None.
 Contractor...B. A. Stewart, 616 41st, Okd.
 COST, \$1450

(1196) SW PARK & S P RAILROAD, Oakland. One-story 3-room office.
 Owner.....H. G. Prince & Co. Prem.
 Architect...None.
 Contractor...Alex C. Wieben, 2010 38th Ave., Oakland.
 COST, \$3600

(1197) BERKELEY (Specifications give Oxford Street). All work for one-story 3-room and basement dwelling.
 Owner.....P. A. Haviland, 597 32nd, Berkeley.

Architect...None.
 Contractor...Cedeborg & Anderson, 1033 Poplar, Berkeley.

Filed May 7, '14. Dated May 7, '14.
 Frame up 1/4
 1st coat plaster on 1/4
 Completed and accepted 1/4
 Usual 35 days 1/4

TOTAL COST, \$3250

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(1198) W ATHERTON 50 NW where S boundary in land formerly owned by Michael Clark and N body line land of John Carr intersects W in Atherton SW 326 E 148.13 NE 310.1 SE 145.8, Hayward. All work for garage and paint shop.

Owner.....Pacific Gas & Elec. Co., 13th and Clay, Oakland.
 Architect...None.
 Contractor...Sorensen Bros.
 Filed May 8, '14. Dated May 4, '14.
 Completed 75%
 Usual 35 days 25%

TOTAL COST, \$231

Bond, \$126. Sureties, M. H. Mosegaard and H. H. Sorensen. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(1199) SW COUNTY ROAD from Centerville to Irvington and located bet lands of P. F. Dasterberry and lands Du Bois Eaton, Centerville. All work except plumbing for one-story dwelling.
 Owner.....J. C. Mowry, Washington Township.
 Architect...None.

Contractor...Robert Irvine, Irvington.
 Filed May 8, '14. Dated May 7, '14.
 Frame up 1/4
 1st coat interior plaster on 1/4
 Completed and accepted 1/4
 Usual 35 days 1/4

TOTAL COST, \$3177

Bond, \$—, Sureties, D. A. Robinson and E. A. Grau. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1200) N DAMUTH 200 E Fruitvale Ave., Oakland. One and one-half-story 8-room dwelling.
 Owner.....Gertrude W. Clark, 2028 Damuth, Oakland.
 Architect...None.
 Contractor...C. B. Clark.
 COST, \$2700

(1201) S FORTY-THIRD 300 E Market, Oakland. Two-story barn.
 Owner.....Cappellina & Rutterglata, 920 40th, Oakland.
 Architect...None.
 Day's work. COST, \$100

(1202) S OCEAN VIEW DRIVE 750 E College Ave., Oakland. One and one-half-story 7-room dwelling.
 Owner.....A. B. Woolsey, 126 Boulevard Place, Oakland.
 Architect...None.
 Contractor...Will F. Griffin, 1230 Burnett, Berkeley.
 COST, \$3500

Building Contracts Awarded.

Berkeley.

1155	Bennett	Brodrick	1450
1157	Kinread	Pearson	450
1156	Boynott	Pearson	2000
1158	Cuthill	Button	4960
1162	Best	Rankin	2800
1166	Sam	Schnoor	1350
1166	Wilson	Burubum	1237
1167	Broadwater	Kollmer	1000
1176	Dalley	Dalley	3000
1176	Boynott	Pearson	400
1190	Walshoid	Kollmer	5450
1191	Barker	Barker	1000
1194	Rice	Parry	400

(1155) E BRYON 180 S Addison, Berkeley. One-story 5-room dwelling.
 Owner.....Miss Bennett.
 Architect...None.
 Contractor...W. L. Brodrick, 1314 Bonita Ave., Berkeley.
 COST, \$1450

(1156) E BUENA VISTA above La Loma, Berkeley. Roof for open air dwelling.

Owner.....C. C. Boynton, Premises.
 Architect...None.
 Contractor...Ben Pearson, 2103 Grant, Berkeley.
 COST, \$2000

(1157) NO. 2611 ETNA, Berkeley. Alterations.
 Owner.....S. J. Kinread, Premises.
 Architect...None.
 Contractor...Ben Pearson, 2103 Grant, Berkeley.
 COST, \$450

(1158) W SPRUCE 175 S Cedar being N 40 Lot 5 and S 5 Lot 4 Bk 3 Martin Kellogg Property, Berkeley. All work for two-story and basement frame dwelling.

Owner.....Thomas Cuthill, Berkeley.
 Architect...James W. Plachek, Acheson Bldg., Berkeley.
 Contractor...Frank Button, 1625 Shattuck Ave., Berkeley.

Filed May 4, '14. Dated Apr. 24, '14.
 Frame up \$92.00
 Ready for plaster 92.00
 Plastered 92.00
 Completed and accepted 92.00
 Usual 35 days 92.50

TOTAL COST, \$1960.50
 Bond, \$2500. Surety, American Surety Co. Limit, 80 days. Forfeit, \$5. Plans and specifications filed.

(1162) E COLLEGE AVE 135 S Woolsey, Berkeley. One and one-half-story 6-room dwelling.
 Owner.....Mrs. Reichel Best, 734 Bush, San Francisco.
 Architect...None.
 Contractor...J. L. Rankin, 337 Alcatraz Ave., Oakland.
 COST, \$2800

(1165) LOTS 7 AND 8 BLAKE TRACT No. 2, Berkeley. Sheet metal work for two-story Class "C" theatre.

Owner.....Frank M. Wilson and John Muldoon, 2400 Ridge Road, Berkeley.
 Architect...A. W. Cornelius, Merchants National Bank Bldg., S. F.
 Contractor...H. L. Schnoor, 1631 Grove, Berkeley.

Filed May 5, '14. Dated Apr. —.
 On 1st day of each month 75%
 Usual 35 days 25%

TOTAL COST, \$1350
 Bond, \$675. Sureties, C. A. Patterson and Robert Greig. Limit, as rapid as possible. Forfeit, \$10. Plans and specifications filed.

(1166) MILL WORK, ETC., ON ABOVE Contractor...Linnham-Standeford Co., 161 Washington, Oakland.

Filed May 5, '14. Dated Apr. —.
 Payments same as above.

TOTAL COST, \$1237
 Bond, \$620. Surety, Fidelity & Deposit Co. Limit, as rapid as possible. Forfeit, \$10. Plans and specifications filed.

(1167) NO. 172 ALVARADO, Berkeley. Addition.
 Owner.....C. C. Broadwater, Premises
 Architect...None.
 Contractor...Jacob Kollmer, 2753 Piedmont Ave., Berkeley.
 COST, \$1000

(1172) E ETON COURT 150 E Claremont Ave., Berkeley. Two-story 7-room dwelling.
 Owner.....P. O. Boyd, Raymond Apts Berkeley.

Architect...W. W. Dixon, 1844 5th Ave., Oakland.
Contractor...Ernsberger & Dildine, 5761 Ayala, Oakland.

COST, \$2800

(1176 E BUENA VISTA above La Loma, Berkeley. Lath and plaster Ceiling.
Owner.....C. C. Boynton, Premises.
Architect...None.
Contractor...Ben Pearson, 2405 Grant, Berkeley.

COST, \$400

(1190) NE PARKSIDE DRIVE AND Nogales, Berkeley. Two-story dwlg.
Owner.....Caroline Wolbold, San Leandro.
Architect...Leonard H. Ford, 2136 Center, Berkeley.
Contractor...Jacob Kollmer, 2753 Piedmont Ave., Berkeley.

COST, \$5450

(1191) N SUMMER 94 W Glen, Berkeley. One-story 4-room dwelling.
Owner.....W. H. Barker, 1912 Rose, Berkeley.
Architect...None.
Pav's work.

COST, \$1000

(1194) NE ALLSTON WAY & GROVE, Berkeley. Shed.
Owner.....Rice & Einstein, 1932 Center, Berkeley.
Architect...None.
Contractor...W. L. Parry, 2112 Grove, Berkeley.

COST, \$400

COMPLETION NOTICES.

ALAMEDA COUNTY.

May 1, 1914—W ALICE 1104 N 12th N 75xW 150, Okd. Sommarstrom Investment Co to whom it may concern.....April 28, 1914
May 1, 1914—E THOMAS 131 N Broadway Terrace, being Lot 36 and ptn Lot 35 Blk "C" Map Broadway Terrace, Okd. Newman & Wilkinson to whom it may concern.....April 28, 1914
May 2, 1914—PTN LOT 32 all Lot 31 and ptn Lot 30 Blk 3, Fourth Ave Heights, Okd. E W Woodard to whom it may concern.....May 1, 1914
May 4, 1914—NE THIRTEENTH AND Webster E 100xN 50, Okd. H A Powell to W P Fuller & Co.....April 30, 1914
May 4, 1914—LOT 21 BLK 12 Northbrae Tract, Bkly. Rudolph Scheibner to H Schussler.....May 4, 1914
May 4, 1914—S PTN LOT 13 BLK "D" Plot Percy Tct, Bkly. The Patrick-Nelson Bldg Co to whom it may concern.....May 4, 1914
May 5, 1914—NW MANILA AVE 33.56 NE 49th NE33.56x108, Okd. W A Dewey to whom it may concern.....May 5, 1914
May 5, 1914—N GRAND AVE 65 W Staten Ave W 100xN 125, Okd. Colt Investment Co to Sommarstrom Bros.....May 5, 1914
May 5, 1914—E NINTH 131.49 N Buena Vista Ave N 30xE 127, Ala. C K Rudd to whom it may concern.....May 4, 1914
May 6, 1914—LOT 42 BLK "N" Map 4th Ave Terrace, Okd. Carlton F Eldridge to L F Hyde and G E Rodman.....May 4, 1914
May 5, 1914—LOT 11 BLK "O" Map 4th Ave Terrace, Okd. Paul E Woodburn to whom it may concern.....May 1, 1914
May 6, 1914—NE SEVENTEENTH & Broadway N 60xE 56-2, Okd. Lucy Pay Thomason (by P J Walker Co, Agts) to Newbery-Bendheim Elec Co and L J Neal.....May 5, 1914
May 7, 1914—PTN LOT 5 Map Bellevue Park, Piedmont. Horace H Miller to Stockholm & Alyn.....May 4, 1914
May 7, 1914—SW HARPER COURT 180.08 NW 35th Ave NW 35 SW 119 SE 35 NE 120, Okd. M C Bolts to whom it may concern.....May 6, 1914
May 7, 1914—LOT 56 Gorrill Glenn Tract, Brooklyn Tp. P E Baird to whom it may concern.....May 5, 1914
May 7, 1914—SE SIXTEENTH AND San Pablo NE 13.63 SE 50.10 SW 36.42 SW 75.10 N 67.46, Okd. First Trust & Savings Bank (by P J Walker Co, Agt.) to Otis Elevator Co and Wm Bateman.....May 6, 1914
May 8, 1914—N WICKSON AVE being Lot 50 Map Wickham Havens Piedmont-by-the-Lake, Okd. Ellen H and Cecelia Neylan to C A Doss.....May 7, 1914
May 8, 1914—SW HOPKINS & FRUITvale Ave S 50xW 140, Okd. Grace L Stilwell to Harris & Hudson.....May 6, 1914
May 8, 1914—E MOUNTAIN AVE Ptn Lot B Blk * (as recorded) revised Map Piedmont Park, Piedmont. Mrs Cleveland H Baker to S J Bertelsen.....May 7, 1914
May 8, 1914—SE LAWTON AVE 108 SW Clifton Ave S 30xE 108, Okd.

Henry Maschlo to Gustaf Johanson.....May 7, 1914

LIENS FILED.

ALAMEDA COUNTY.

May 4, 1914—PTN LOTS 6 AND 7 Map Ptn Estate of Wm Tyson, Washington Tp. Strable Mfg Co vs Clarence E and Clara A Martenstein and F C Griffin & Sons.....\$39.79
May 4, 1914—GRAND AVE NOS. 171, 173, 175, 177; S Grand Ave 169.48 fm W line Harrison W 100 S 107 E 100 N 100, Okd. Howard Co vs Lena and H S White.....\$202.65
May 5, 1914—S TWENTY-SECOND 360 E Webster E 51xS 162, Okd. Panama Lumber & Mill Co vs D Miller.....\$329.21
May 5, 1914—S TWENTY-SECOND 360 E Webster E 51xS 162, Okd. Hogan Lumber Co vs David Miller.....\$2580.44
May 5, 1914—S GRAND AVE 169.48 W Harrison W 100 S 107 E 100 N 100, Okd. Harry B Williams vs Lena White.....\$193.60
May 6, 1914—S TWENTY-SECOND 360 E Webster E 51xS 162, Okd. Swift & Wilcox vs D Miller.....\$56.65
May 6, 1914—N NINTH 60 W Madison W 75xN106, Okd. John P Maxwell vs Geo Tuman, Sarah J Hastings, N A Thompson, E M Reagh and Frank W Aitken.....\$1469.02
May 6, 1914—LOT 13 AND E 20 ST. Lot 14 Map Boulevard Terrace, Okd. John P Maxwell, \$61.15; C L Cummings, \$23 vs Herman S and L White
May 6, 1914—LOT 5 AND NW 15 LOT 6 Blk "E" Map Laurel Grove Park, Okd. John P Maxwell vs J E Burke and Marine Trust & Savings Bank.....\$20
May 6, 1914—LOTS 5 AND 6 BLK 13 Map Northbrae, Okd. Strable Mfg Co vs Sequola Constr Co.....\$74.09
May 7, 1914—LOT 5 Blk 8 Map Shaw Tract Blks 4 to 9, incl. Bkly. Bruce Lumber & Mill Co vs Roscoe Morris and W C Benter.....\$88.70
May 7, 1914—PTN LOTS 6 AND 7 Map Ptn Est Wm Tyson, Washington Tp. N R and J J Alberg (Niles Hardware & Plumbing Co) vs C E Martenstein and F C Griffin & Sons.....\$307.59

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

'BUNGALOW—1½ story and base, frame, \$3,500. Corte Madera, Marin Co, Cal. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, Mr. Dehne. The dwelling will be erected on property 100 by 100 feet, which will be terraced and laid out in formal gardens. The dwelling will contain seven rooms, bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are complete and figures are being taken by the architect.

APARTMENT HOUSE AND STORES—2 story and base, brick, \$30,000. Richmond, Contra Costa Co., Cal. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, George L. Yager.

Building Contracts Awarded.

Alameda.

1164 Bennett.....Button 3986
203 Tucker.....Anderson 1168
1294 Merriam.....Roth 3375
(1164) NW ALAMEDA AVE & OAK 50x100, Alameda. All work for two-story 8-room dwelling.
Owner.....Mrs. H. C. Bennett, 2261 Alameda Ave., Alameda.
Architect...None.
Contractor...J. W. Button, 5930 Telegraph Ave., Oakland.
Filed May 5, '14. Dated May 5, '14.
Frame up.....¾
1st coat plaster on interior and exterior.....¾
Completed.....¾
Usual 35 days.....¾
TOTAL COST, \$3986
Bond, \$2000. Surety, American Surety Co. Limit, 90 days. Forfeit, none.
Plans and specifications filed.

(1204) E CAROLINE 50 S Fair Oaks Ave 50x100, Alameda. All work for two-story 6-room dwelling.
Owner.....Mrs. Edna Merriam, Ala.
Architect...None.
Contractor...Conrad Roth, 2117 Pacific Ave., Alameda.
Filed May 9, '14. Dated May 7, '14.
Frame up.....\$844
1st coat plaster on.....844
Completed and accepted.....844
Usual 35 days.....844
TOTAL COST, \$3375
Bond, none. Limit, 65 days. Forfeit, \$1 a day. Plans and specifications, none.

The building will be erected at the southwest corner of Macdonald avenue and 17th street, covering an area of 50 by 160 feet. There will be three stores on the first floor, thirteen apartments of two rooms each and two single rooms on the upper floor. Interior will be finished in pine throughout. There will be steam heat and a hot water supply. All suites will have wall beds and private baths. Patent store fronts are specified. Bath rooms will have tile wainscot and composition floors. Exterior will be faced with pressed brick. Plans are complete and figures are being taken.

CHURCH—1 story and base, brick or reinforced concrete, \$20,000. Napa, Napa Co., Cal. Architect, L. M. Turton, Napa. Owners, Methodist Church of Napa. The building will probably be designed in the classic style, although details have not been settled. The architect is now engaged on preliminary studies. There will be a large main auditorium, Sunday school rooms and pastor's study. Interior finish will be of pine. There will be a central heating system and art glass windows. Exterior will be faced with cement plaster or pressed brick. Further mention will be made of this work shortly.

HOSPITAL DAIRY BUILDINGS—Frame and concrete. Cost not stated. Napa, Napa Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Plans have been completed by the state Department of Engineering for a new dairy building and a concrete silo to be erected at the Napa State Hospital. Plans are now out for figures and may be secured from the State Department of Engineering at Sacramento. Bids will be opened on June 3rd. An official proposal appears in another column of this issue.

Contracts Awarded.

BRIDGE ABUTMENTS—Reinforced concrete. Cost not stated. Fairfield, Solano Co., Cal. Engineer, County Surveyor, Fairfield. Owners, Solano Solano County. Contractors, Brann & Freitas, Rio Vista. Contract price, \$2,500.

HALL OF RECORDS—2 story and base, reinforced concrete, \$50,000. Colusa, Colusa Co., Cal. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Colusa County. Contractors, Williams Bros. & Henderson, Holbrook Bldg., S. F. Contract price, \$45,585. A complete list of these figures will be found under the heading of Sacramento, Stockton and Northern California.

PAY COTTAGE—1 story, frame and concrete. Cost not stated. Napa, Napa Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Contractors, McSheehy Bros., S. F. Contract price not stated.

Bids For Colusa Hall of Records.

Williams Bros. & Henderson of This City Awarded the Contract. Two Bids Received Late.

(By Special Wire.)

COLUSA, Colusa Co., Cal., May 6th, 1914.—Bids opened by the Board of Supervisors for the construction of the

new Hall of Records, a two-story fireproof building, designed by Architect Henry C. Smith of San Francisco, \$40, Williams Bros. & Henderson low at \$45,585. An official award of the contract to them was made. Two other figures were received too late for consideration, those of William A. Newson and Monson Bros. Following is a list of the figures:

Colusa Hall of Records.

W. N. Concanon Co., S. F.	\$31,974
Williams Bros. & Henderson,	
San Francisco	45,585
Peterson & Wilson	52,855
W. A. Newson, S. F.	52,752
Monson Bros., S. F.	44,853

BUILDING CONTRACTS.

CONTRA COSTA COUNTY.

LOTS 8 AND 9 BLK 75, City or Richmond Tract, Richmond. Labor, materials, excepting steam heating, plumbing, gas fitting, sheet metal work, concrete s/d walks, etc., for two-story Class "C" apartment house and store building.

Owner.....Geo. L. and Isabelle Yager Oakland.

Architect....A. W. Smith, 1010 Broadway, Oakland.

Contractor...C. Pederson and C. Overra, Richmond.

Filed May 5, '14. Dated May 1, '14.
2nd story floor joists in place.....\$2000
Brick work completed.....2000
1st coat plastering completed.....2000
Glass set in place.....2000
Entire work completed.....3940
Usual 35 days.....4000

TOTAL COST, \$15,940

Bond, \$8000. Surety, National Surety Co. Limit, forfeit, none. Plans and specifications filed.

LIENS FILED.

MARIN COUNTY

RECORDED	AMOUNT
May 5, 1914—LOT NO. 1 Pearl Tract, Ross. Inland Floor Co vs C Sandberg Ex Est Fred Lass, de'd and G P Laninger.....	\$14.60
May 5, 1914—NE LOT 2 BLK 45 San Rafael Townsite, San Rafael, Thos Hansen, C C Hansen (Hansen Lumber Co) vs Arthur W Biggers and John McLaughlin	\$826.25
May 5, 1914—LOT NO. 1 Pearl Tract, Ross. P Blomberg vs G Sandberg Fred K Lass and Est Fred K Lass de'd	\$66.25
May 5, 1914—LOT NO. 1 Pearl Tract, Ross. John Nelson vs G Sandberg, Fred K Lass and Estate Fred K Lass	\$122.50
May 6, 1914—LOT NO. 1 Pearl Tract, Ross. G W Fox vs G P Laninger, Extr Estate Fred K Lass, de'd and G Sandberg	\$38.50
May 2, 1914—LOT NO. 1, Pearl Tract, Ross Valley E K Wood Lumber & Mill Co vs G P Laninger, Extr Estate Fred K Lass, de'd and G Sandberg	\$632.62
May 2, 1914—LOT NO. 1 Pearl Tract, Ross Valley, H M Kuhn vs G P Laninger, extr Estate Fred K Lass, de'd and G Sandberg.....	\$169.75

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED	ACCEPTED
May 8, 1914—SE FOURTH AND "A," San Rafael, Chada Estate Co to Phil Le Corneer and R Kinsella.....	April 29, 1914
May 2, 1914—LOT NO. 6 BLK lettered 9, Winship Tract, Ross. R C Hillen to whom it may concern.....	May 2, 1914

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED	ACCEPTED
May 4, 1914—LOT 7 BLK "C," City of Pittsburg. James Fitzgerald to G H Field Co.....	May 2, 1914

SAN JOSE AND THE SANTA CLARA VALLEY

RESIDENCE—2 story and base, frame, \$3,000. San Jose, Santa Clara Co., Cal. Architect, none. Owner, H. C. Brankamp, 750 North 19th street, San Jose. The dwelling has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile floor and wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

CONVENT—4 story and base, brick. Cost not stated. Los Gatos, Santa Clara Co., Cal. Architect, Smith O'Brien, Humboldt Bank Bldg., S. F. Owners, Sacred Heart Noviciate Convent. The building will be erected on the grounds of the present institution and will cover a large ground area. There will be dormitories and private rooms, class rooms, chapel, study halls and departments of domestic science. Plans also provide for dining rooms and large kitchen. Interior finish will be of pine throughout. There will be steam heat, modern plumbing and a hot water system. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SCHOOL HEATING SYSTEM—Cost not stated. San Mateo, San Mateo Co., Cal. Architects, Stone & Wright, 21 South California street, Stockton. Owners, Homestead School District. Plans have been completed and figures are now being taken for the installation of a hot water heating system in the new school building in the Homestead District. Bids will be opened on May 21st. Plans can be secured from the architects or from the principal of the school at San Mateo.

Contracts Awarded.

RESIDENCE—2 story and base, frame and plaster, \$18,000. Hollister, San Benito Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owner, George A. Sykes, Contractor, O. A. Christenson, Watsonville. Contract price, \$18,000.

BUILDING CONTRACTS.**SAN MATEO COUNTY.**

LOT 12 BLK "A" Sub No. 3 and Re-Sub of Blks "H" and "I" of Sub No. 2, Hayward Park. All work except plumbing, tinning, sheet metal work, fixtures and hardware for one-story bungalow.

Owner.....Bertha A. Smart, San Mateo.
Architect.....None.

Contractor.....W. S. Leadley, San Mateo.
Filed May 4, '14. Dated May 2, '14.

Usual 35 days.....\$1818.60

TOTAL COST, \$1818.60

Bond, \$910. Sureties, F. P. Calleson & H. H. Pfafflin. Limit, 60 days. Forfeit, none. Plans and specifications filed.

LOT 19 BLK "N" of Hayward Park, 10th and Palm Aves, San Mateo. All work, excavating, lathing, etc., for one-story frame bungalow.

Owner.....Mary L. Westerfeld, San Mateo.

Architect.....Croop & Keegan, San Mateo.

Contractor. Croop & Keegan, San Mateo.

Filed Apr. 28, '14. Dated Apr. 27, '14.

Frame up\$412

Plastering on and outside finish -

in place 412

Plastering completed 412

When completed 414

Usual 35 days..... 550

TOTAL COST, \$2200

Bond, \$1100. Sureties, A. B. Rilovich and J. F. McCann. Limit, 70 days. Forfeit, \$5 per day. Plans and specifications filed.

PORTOLA, San Mateo County. All work for residence.

Owner.....E. D. Conolley, Portola.

Architect.....Stanton D. Willard, Redwood City.

Contractor.....L. G. Berggren, 209 Sanchez San Francisco.

Filed Apr. 28, '14. Dated Apr. 27, '14.

Frame up\$3625

Rough coat inside plaster on 3625

When completed 3625

Usual 35 days..... 3625

TOTAL COST, \$14,500

Bond, limit, forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.**SAN MATEO COUNTY.**

RECORDED ACCEPTED

Apr. 16, 1914—LOTS 23 AND 24 BLK

17, Crocker Estate Tract, Daly City.

A Makower to whom it may concern

.....Completed

May 1, 1914—LOT 16 BLK 3 Map of

Lomita Park. Thos J Pecey to

J E Dickieson.....Apr. 27, 1914

RELEASE OF LIENS.**SAN MATEO COUNTY.**

RECORDED AMOUNT

May 2, 1914—LOT 5 BLK "D" Geo H

Gerwin's Oak Villa Homestead.

Gray-Thorning Lumber Co to C

Petersen.....\$174.45

May 4, 1914—COUNTY ROAD nr 2nd

Ave, San Mateo (St. Matthew's Red

Cross Hospital). The Watson

Mantel & Tile Co vs Thos W Alton

et al\$222

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

SCHOOL CLOCKS AND GAS GENERATOR SETS—Cost not stated. Sanger, Fresno Co., Cal. Architects, Swartz, Hotehkin & Swartz, Rowell Bldg., Fresno. Owners, Sanger Union High School District. Bids will be opened on May 16th for furnishing and installing program clocks and gas generator sets in the Sanger High School building. Plans and specifications can be secured from the architects.

HOTEL—1 story and base, frame, \$30,000. Big Creek, Fresno Co., Cal. Architect, Carl Thayer, Forsyth Bldg., Fresno. Owners, Sierra Basin Hotel Co. Work has been started by Day Labor on the big resort hotel to be erected at Big Creek in the Sierra Basin, Fresno County. Plans were prepared by Architect Carl Thayer, Forsyth Bldg., Fresno. The building will be of frame construction and will cost in the neighborhood of \$30,000. M. Zucardi has been placed in charge of the work. James G. Bass of Fresno holds controlling interest in the project. The building has been designed in the shape of the letter H and will contain 69 guest rooms nearly all of which will have private baths. There will be a large lobby and office, dining room and completely equipped kitchen. A huge rock fire place will be a feature of the building. Exterior will be covered with rustic.

THEATRE AND OFFICES—4 story and base, brick and steel, \$50,000. Fresno, Fresno Co., Cal. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, T. C. White, Fresno. The building will be erected on I street, and will have a frontage of 100 feet by a depth of 150 feet. Construction will be fireproof with a complete steel frame, brick walls, concrete floors and stairways. Interior partitions will be of metal lath and plaster. Interior finish will be of pine and hardwood with some metal trim. Metal window sash and frames are specified. The theatre will have a seating capacity of 1500. There will be two stores besides the main body of the theatre on the first floor. Upper floors will be arranged for a number of offices. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

POST OFFICE—1 story, mezzanine floor and base, brick and stone. Cost not stated. Hanford, Kings Co., Cal. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids opened in Washington on May 6th for the construction of this building show Welch Bros. of Oakland low at \$24,75. They will probably be awarded the contract. A complete list of the bids received will be found under the heading of Sacramento, Stockton and Northern California in this issue.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

RESIDENCE—1½ story and base, frame, \$3,500. Woodland, Yolo Co., Cal. Architect, Chester H. Miller, Daiziel Bldg., Oakland. Owner's name withheld. The dwelling has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine and redwood with hardwood floors in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will be finished in tile and will have composition floor. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are now being prepared.

BANK ALTERATION—2 story and base, brick. Cost not stated. Chico, Butte Co., Cal. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, People's Savings and Commercial Bank. The present building, occupied as a store, will undergo extensive alteration. The work will require new interior finish, bank fixtures, plumbing, heating, electric work, ornamental plaster work and ornamental iron and bronze. Bank vault will also be installed. Plans are now being prepared.

GAS HOLDER AND TANK—Cost not stated. Talmage, Mendocino Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids will be opened on June 1st for the construction of a gas holder, framing and tank at the Mendocino State Hospital at Talmage. Plans can be secured from the State Department of Engineering, Sacramento. An official proposal appears in another column of this issue.

DAIRY BUILDINGS—Frame and concrete. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids will be opened on June 4th for constructing new dairy buildings at the Stockton State Hospital. Plans can be secured from the State Department of Engineering, Sacramento. An official proposal appears in another column of this issue.

POST OFFICE—1 and 2 story and base, brick, stone and terra cotta. Cost not stated. Grass Valley, Nevada Co., Cal. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids opened in Washington on May 6th for the construction of this building show Welch Bros. of Oakland low at \$24,75. They will probably be awarded the contract. A complete list of the bids received will be found under the heading of Sacramento, Stockton and Northern California in this issue.

STATE HIGHWAYS—Cost not stated. California, Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids were opened at the last meeting of the State Highway Commission for constructing highways in the following counties: Sonoma, Shasta, Siskiyou, Butte, Glenn and Tehama. In several of the counties figures ran over the engineer's estimate and bids will probably be rejected. A complete list of the figures together with the materials furnished by the state and the engineer's estimate will be found un-

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San Francisco

der the heading of Sacramento, Stockton and Northern California in this issue.

BUNGALOW—1 story and base, frame, \$3,000. Sacramento, Cal. Architect, none. Owner, R. E. Stuhbe, 3712 Palm avenue, Sacramento. The dwelling will be erected in Casa Loma Heights, and will contain five rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room with a tile or brick mantel. Bath rooms will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

LEVEE CONSTRUCTION—Cost not stated. Marysville, Yuba Co., Cal. Engineer, James R. Meek, Marysville. Owners, Reclamation Dist. No. 10, Yuba County. Plans have been completed for the construction of levees and considerable reclamation work. Bids are now being called for and will be opened on May 15th. Plans can be secured from the engineer at Marysville. An official proposal appears in another column of this issue.

HOSPITAL GROUP—1, 2 and 3 story and base, reinforced concrete or brick. Cost not stated. Sacramento. Architect R. A. Herold, Forum Bldg., Sacramento. Owners, Sacramento County. Herold has just been commissioned to prepare plans for a large group of modern hospital buildings to be erected on the old infirmary site. The cost and nature of construction have not been determined as yet. Further mention will be made of the work as the plans progress.

STORES AND OFFICES—4 or 5 story and base, brick and steel or reinforced concrete, \$100,000 to \$140,000. Sacramento, Cal. Architect not selected. Owners, Sacramento Chamber of Commerce. Architects E. C. Hemmings, John W. Woollett and John P. Hill have submitted plans for a large commercial building to be erected on 7th street between I and J streets in Sacramento by the Chamber of Commerce. Plans are being considered for both a five and an eight story building. If the five story is erected it will cost about \$100,000, if the eight story is erected the cost will exceed \$140,000. A selection of the architect will be made in a week or ten days.

Contracts Awarded.

SCHOOL—2 story and base, brick, \$50,000. Chico, Butte Co., Cal. Architect, Chester Cole, Chico. Owners,

Oakdale School District. The Chico Board of Education has rejected all bids received for the construction of the Oakdale School and will readvertise the work. The lowest bid received was for \$34,500, while but \$20,000 is available for construction. Architect Chester Cole will revise the plans. At the same meeting of the Board contracts were awarded for a four-room addition to the Chien Vecino School the contract going to C. H. Crippen for \$5,994.85. The contract for work at the Rosedale School was awarded to Moore & Cruse for \$7,394.50.

Bids Opened For Grass Valley P. O.

Monson Bros. Low, but Withdraw Their Bid. Welch Bros., of Oakland, will Probably Get Work.

(By Special Wire.)

WASHINGTON, D. C., May 6th, 1914. —Bids were opened in Washington today for the construction of the new Federal Building at Grass Valley, California. Six bids were received. Monson Bros. were low, but withdrew their bid leaving Welch Bros. of Oakland low at \$42,475. A press dispatch gives Schulder of Pasadena low at \$23,000, but this is probably a mistake, the bid probably being \$13,000.

A complete list of the bids follow:

Grass Valley Post Office.

Monson Bros., S. F. (withdrawn)	\$39,888
E. F. Burke, S. F.	48,275
Frank Gallagher, S. F.	51,780
Welch Bros., Oakland	42,475
Kling Co., L. A.	52,600
Eugene Schulder, Pasadena (mistake)	23,000

No award of contract has been made.

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

LOTS 142 AND 144 West Curtis Oaks, Sacramento. One-story frame dwelling and garage.

Owner.....Ed Redmond, 601 11th St., Sacramento.

Architect...None.

Contractor..Frank P. Williams, 523 Ochsner Bldg., Sacramento.

Filed May 2, '14. Dated Apr. 30, '14.

COST, \$1800

W ½ LOT 3, G. H. 26TH AND 27TH Sts., No. 2618 G St., Sacramento. Six-room frame dwelling.

E. H. Williams Chalmer Munday

Munday & Williams

Attorneys-at-Law

Special Attention Given to Building
Law and Bankruptcy Cases

Telephone Kearny 2622

615 Phelan Building, San Francisco

Owner....Mrs. S. Schuler, 317 T St., Sacramento.

Architect...None.

Contractor...F. A. Holdener, 522½ M St., Sacramento.

COST, \$2500

LOT 44, Casa Loma Terrace C St., bet. 32nd and 33rd, No. 3309 C St., Sacramento. One-story 5-room frame dwelling.

Owner.....G. E. Bradley, 620 15th St., Sacramento.

Architect...None.

Contractor...W. D. McKoy, 3029 E. St., Sacramento.

COST, \$2500

W ½ LOT 3, W. X. 23RD AND 24TH Sts., No. 2318 W St., Sacramento. One-story frame dwelling.

Owner.....W. A. Burke, 605 10th St., Sacramento.

Architect...None.

Contractor...Chatterton Bros., 2118 28th St., Sacramento.

COST, \$2500

W ½ LOTS 1 AND 4 BLK "G" Fair-mond, Sutter street near Vine, Sacramento. Four-room frame dwelling.

Owner.....R. H. Ruiter, 2715 2nd Ave., Curtis Oak, Sacramento.

Architect...None.

Contractor...R. H. Ruiter, 2715 2nd Ave., Sacramento.

COST, \$1500

LOT 30, Rose Ave., Sacramento. One-story frame dwelling and sleeping porch.

Owner.....E. A. Theile, 1608 21st St., Sacramento.

Architect...None.

Contractor...Guy Foley, 4615 Madrone, Central Park, Sacramento.

COST, \$1500

LOT 5 TRESCH TRACT, Upper Stock-ton Road near Rose Ave., Sacramento. Erect garage and repair shop.

Owner.....F. R. Shipley, 4310 Magnolia Ave., Sacramento.

Architect...None.

Contractor...A. Miller, 3205 3rd Ave., Sacramento.

COST, \$1000

W ½ LOT 3; Nos. 518-520 J St., Sacra-mento. Remodel front of store.

Owner.....Weinrich Estate Co., 1010 M St., Sacramento.

Architect...None.

Contractor...Gene Pendergast, 1311 22d St., Sacramento.

COST, \$800

E ½ OF W ½ LOT 3, K. L. 5TH & 6TH St. Sacramento. Remodel store.

Owner.....Hart Bros., 1114 8th St., Sacramento.
 Architect...None.
 Contractor...Siller Bros., 1614 12th St., Sacramento.
 COST, \$450

W 20 FT. LOT 2, K, L, 8TH & 9TH STS
 No. 808 K St., Sacramento. Remodel
 store front, place marble and plate
 glass.

Owner.....F. V. McAvoy, East Sacramento.
 Architect...None.
 Contractor...Gene Pendergast, 1511 22d St., Sacramento.
 COST, \$450

E 1/2 LOT 2, M, N, 20TH AND 21ST STS
 Sacramento. Alterations and build
 sleeping porch.

Owner.....Mrs. E. Wallace, 2114 M St., Sacramento.
 Architect...None.
 Contractor...Chas. A. Vanina, 2022 M St., Sacramento.
 COST, \$250

LOT 220 J STREET, J, K, 2ND AND 3RD ON W 1/2 OF E 1/2 LOT 3, Sacramento. Two-story and basement brick building.

Owner.....Mrs. S. Retzanevsky, 220 J St., Sacramento.
 Architect...None.
 Contractor...J. L. Siller and L. G. Siller (as Siller Bros.), 1230 P St., Sacramento.

Filed May 6, '14 Dated May 6, '14.
 COST, \$8942

LOT 4, R, S, 23RD AND 24 STS., SE 24th and R Sts., Sacramento. Two-story frame warehouse.

Owner.....Gladding, McBean Co., Crocker Bldg., S. F.
 Architect...None.
 Day's work. COST, \$1500

LOT 4, R, S, 23RD AND 24TH STS. SW 24th and R Sts., Sacramento. One-story brick office building.

Owner.....Gladding, McBean Co., Crocker Bldg., S. F.
 Architect...None.
 Day's work. COST, \$1000

S 1/2 OF N 1/2 LOTS 8 AND 9 Allen & Leitch Tract, U, V, 23rd and 34th Sts., 25th near V St., Sacramento. One and one-half-story seven-room frame dwelling.

Owner.....Jas. Clark & S. H. Phillips, 4011 Cypress Ave., Sacramento.
 Architect...None.
 Contractor...W. B. Phillips, 4011 Cypress Ave., Sacramento.
 COST, \$2000

LOT 22 Mier & Sowell High School Tet bet. 32nd and 34th S and T Sts., Sacramento. One-story five-room frame dwelling.

Owner.....John W. Sheehan, 2310 V St., Sacramento.
 Architect...None.
 Contractor...Chatterton Bros., 3126 T St., Sacramento.
 COST, \$2800

W 1/2 OF N 85 FEET LOT 4, J, K, 13TH and 14th Sts., No. 1328 J St., Sacramento. Remodel store front (elgar store and loadback stand).

Owner.....Clara Schroth, 1788 T St., Sacramento.
 Architect...None.

Contractor...A. W. Huddleson, 1112 I St., Sacramento.
 COST, \$500

LOT 59, Casa Loma Heights; No. 3115 C St., Sacramento. One-story frame dwelling.

Owner.....R. E. Stubbe, 3712 Palm Ave., Sacramento.
 Architect...None.
 Day's work. COST, \$3000

N 1/4 OF LOT 4, V, W, 8TH AND 9TH STS., No. 2200 9th St., Sacramento. Remodel rear porch and build sleeping porch.

Owner.....H. Schaefer, 917 K St., Sacramento.
 Architect...None.
 Contractor...Nicholaus Fruhauf, Sacramento Heights.
 COST, \$150

S 23 1/2 LOT 1, K, L, 2ND AND 3RD STS., Sacramento. Building.

Owner.....Harry and Emilie Goldstein, 628 15th St., Sacramento.
 Architect...None.
 Contractor...Charles A. Vanina, 2022 M St., Sacramento.
 COST, \$3615

Filed May 6, '14. Dated May 5, '14.

S 1/2 OF N 1/2 LOTS 7 AND 8 Curtis and Howley's Add'n.; No. 2320 33rd St., Sacramento. One and one-half-story frame dwelling.

Owner.....Thos. T. Hunt, 3231 Olive Ave., Sacramento.
 Architect...None.
 Contractor...T. F. Hunt, 3700 Cypress Ave., Sacramento.
 COST, \$1200

N 1/2 LOT 14 T STREET SUBURBAN Tet. No. 2; No. 120 Pierce St., Sacramento. One and one-half-story six room frame dwelling.

Owner.....J. P. Sorensen, 1303 T St., Sacramento.
 Architect...None.
 Contractor...J. P. Sorensen, 1303 T St., Sacramento.
 COST, \$1200

W 50 FT. OF S 1/2 LOT 7, M, N, 7TH & 8th Sts., No. 711 N St., Sacramento. Two-story frame porch on front of building.

Owner.....Geo. Williams, 711 N St., Sacramento.
 Architect...None.
 Contractor...John Kanert, 1012 V St., Sacramento.
 COST, \$250

(Correction, Work Omitted)
 S 1/4 OF N 1/2 LOT 1, J, J, 2ND AND 3RD STS., No. 907 Second St., Sacramento. One-story and basement brick store building.

Owner.....Mrs. A. Heiser, 624 I St., Sacramento.
 Architect...P. J. Herold, 322 Forum Bldg., Sacramento.
 Contractor...Teichert & Ambrose.
 COST, \$2900

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

SE PARK AND SAN JOAQUIN, Lots 1, 2, 3, 17, 13 1/2 1/2 E of Center St., Stockton. All plumbing for two-story and basement Class "C" building (St. Agnes Academy.)

Owner.....Rev. W. E. McGough, St. Mary's Roman Catholic Church, Stockton.
 Architect...Stone & Wright, 21 S-C California St., Stockton.
 Contractor...Pahl & Harry & Co., 35 S-Sutter St., Stockton.

Filed May 4, '14. Dated Apr. 22, '14.
 On 1st day of each month..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$2995

Bond, \$1500. Sureties, W. R. Clark and S. C. Harry. Limit, 100 days. Forfeit, \$10. Plans and specifications filed.

BRICK WORK, CARPENTRY, WOOD, roofing, etc., on above.
 Contractor...James Mulcahy, 326 S-Grant St., Stockton.

Filed May 4, '14. Dated Apr. 22, '14.
 Payments same as above.....

TOTAL COST, \$31,000
 Co. of New York. Limit, 110 days. Forfeit, \$10. Plans and specifications filed.

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
 May 5, 1914—LOT 4, J, K, 4TH AND Co (Travelers' Hotel) to Runsome Concrete Co.....May 5, 1914
 May 6, 1914—LOT 105 Palmetto Heights, Sacramento. H A McClelland to R L Gravel and A SmallApril 30, 1914

LIENS FILED.

SACRAMENTO COUNTY.

RECORDED AMOUNT
 Apr. 29, 1914—S 1/2 LOT 8 AND S 1/2 Lot 7 Q, R, 14th and 15th Sts., Sacramento. Chas. Eulitz (as Eureka Oil Burner & Oven Co) vs J Fothergill and E Morris.....\$520

LOS ANGELES AND SOUTH-ERN CALIFORNIA.

APARTMENT HOUSE—4 story and base. Class C construction. Cost not stated. Los Angeles, Cal. Architect, C. C. Rittenhouse, Washington Bldg., L. A. Owner, A. Jamieson. The building will be erected on Carondelet street near 9th and will cover an area of 88 by 103 feet. There will be 100 rooms, arranged in two and three room suites. Interior finish will be largely of pine. There will be steam heat, elevator service and a hot water supply. All apartments will have wall beds and private bath rooms. Tile wainscot and composition floors will be used in the bath rooms. Entrance will be finished in tile and marble. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

CHURCH—1 story and base, frame and plaster, \$25,000. Hollywood, Los Angeles Co., Cal. Architect, Robert H. Orr, Van Nuys Bldg., L. A. Owners, Hollywood Methodist Church Congregation. No details of the building have been given out, but it is understood that the design will be in the Mission style with exterior covered with cement plaster on metal lath. There will be a main auditorium, Sunday school rooms and pastor's study. Interior finish will be of pine. Art glass windows will be installed. Plans

are now being prepared. Further mention will be made of the work.

HOTEL—3 story and base. Class C construction. Cost not stated. Los Angeles, Cal. Architect, Joseph F. Rhodes, Central Bldg., L. A. Owner, Michael Kieley. The building will be erected on Kohler street near 6th, covering an area of 37½ feet by 131 feet. There will be stores besides the hotel office and lobby on the first floor. Upper two floors will contain a total of 66 rooms and six baths. Interior finish will be of pine throughout. There will be steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are being prepared and when complete the work will be done by Day Labor.

HOTEL—5 story and base, brick and steel. Cost not stated. Venice, Los Angeles Co., Cal. Architects, C. H. Russell & Co., Union League Bldg., L. A. Owners, C. W. Holbrook and C. Minotti. The building will be erected on Windward avenue and will have a frontage of 50 feet by a depth of 102 feet. There will be a store, office and hotel lobby on the first floor. Upper four floors have been arranged for a total of 65 rooms and 20 baths. Interior finish will be of pine and birch. Bath rooms will have tile wainscot and composition floors. Plans provide for steam heat, elevator service and a hot water supply. Patent store fronts are specified. Exterior of the building will be faced with pressed brick with tile inlays. Plans are being prepared.

HOTEL—4 story and base. Class C construction. Cost not stated. Los Angeles, Cal. Architects, The Western Building Co., Lankershim Bldg., L. A. Owner, G. A. Thiele. The building will be erected on Wall street, covering an area of 50 by 113 feet. There will be a total of 76 guest rooms, eight private baths and eight public baths besides the office and lobby. There will be steam heat, elevator service and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Entrance and lobby will be finished in marble. Plans are complete and figures are being taken.

SCHOOL—2 story and base, brick \$12,000. Orange, Orange Co., Cal. Architect, J. Flood Walker. 393 East 4th street, Santa Ana. Owners, Orange Grammar School District. The building has been designed in the Italian style and will contain eight standard sized class rooms, office, teachers' rooms, an assembly hall seating 400 people, and manual training and domestic science rooms. Interior will be finished in pine. There will be pine and maple floors. Plans provide for modern school plumbing, electric work and a plenum system of heating. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Bids will be opened on May 14th. Plans and specifications can be secured from the architect.

STORES AND OFFICES—6 and 7 story and base. Class A construction, \$800,000. Los Angeles, Cal. Architects, Frederick Noonan and William Richards, Prockman Bldg., L. A. Owners, J. W. Robinson Co. The building will be erected on 7th street, extending

from Grand avenue to Hope street. It has a frontage of 333 feet on 7th street and 140 feet on each of the other streets. The structure will be of reinforced concrete construction. The exterior will probably be faced with terra cotta on all three street fronts. The interior finish and equipment will be complete and modern in every respect and will include ten passenger elevators, two freight elevators, conveyors, spiral chutes, sprinkler system, steam heat, etc. The lease provides that the building be completed and occupied within two years, but it is expected this can be accomplished in twelve months. Working drawings are being prepared.

BANK AND OFFICES—5 story and base, brick and steel. Cost not stated. Long Beach, Los Angeles Co., Cal. Architects, Krenpel & Erkes, Henne Bldg., L. A. Owner, Mrs. L. Hauerwaas. The building will be erected at the corner of Pine and Broadway streets, and will cover an area of 50 by 150 feet. The first floor will be occupied by the Marine Commercial and Savings Bank. Each of the upper floors will contain twenty offices. Interior finish will be of pine and hardwood. Plans provide for steam heat and elevator service. Special interior finish, ornamental plaster and bronze and brack vaults will be installed in the first floor. Exterior of the building will be faced with pressed brick. Plans are being prepared.

APARTMENT HOUSE—4 story and base, brick and steel, \$100,000. Los Angeles, Cal. Architect, Frank M. Tyler, Black Bldg., L. A. Owner, G. Rupert Johnson. The building will be erected at the corner of Ingraham and Wither streets and will cover a considerable ground area. Interior will contain a total of 172 rooms arranged in two and three room apartments. Interior finish will be of pine and hardwood. There will be steam heat, two electric elevators and a hot water supply. All apartments will have wall beds and private bath rooms. Bath rooms will have tile floors and wainscot. Entrance will be finished in marble. Exterior of the building will be faced with pressed brick. Plans are complete and the work is being done by Day Labor.

STABLE—1 story, brick, \$5,000. Los Angeles, Cal. Architect, Frank M. Tyler, Black Bldg., L. A. Owners, Davis Standard Bread Co. The building will be erected at the corner of First and Beaudry streets, covering an area of 50 by 150 feet. Interior will be finished in rough plaster and pine. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, brick, \$70,000. Los Angeles, Cal. Architects, C. F. Borton Co., Hibernian Bldg., L. A. Owner, Laura Borton. Contractors, C. F. Borton Co., Hibernian Bldg., L. A. Contract price \$50,000.

PORTLAND AND OREGON.

LAUNDRY—2 story and base, brick, \$20,000. Portland, Ore. Architects, Emil Schacht & Son, Commonwealth Bldg., Portland. Owner, C. A. Wagner. The building will be erected at a corner and will cover an area of 50 by

100 feet. The entire structure will be occupied by the laundry. Interior finish will be of pine. Special machinery will be installed. Exterior will be faced with stock brick. Plans are complete and figures are being taken.

CHURCH—2 story and base, reinforced concrete, \$30,000. Marshfield, Ore. Architect, Benjamin Ostlund, Marshfield. Owners, St. Monica Roman Catholic Church. The building has been designed in the Gothic style and will cover a large area. There will be the main auditorium, Sunday school rooms and several smaller rooms. Interior will be finished in pine with ornamental plaster. Plans provide for a vapor system of heating. There will be art and leaded glass. Exterior of the building will be faced with cement plaster. Working drawings are complete and figures will be called for at once.

LAUNDRY—1 story and base, reinforced concrete, \$14,000. Marshfield, Ore. Architect, Benjamin Ostlund, Marshfield. Owners, Jones Bros. The building will cover a large ground area and will be practically fireproof throughout. There will be reinforced concrete walls, floors and roof. Interior finish will be of pine. Plans provide for metal window sash and frames. Special laundry machinery will be required. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

Contracts Awarded.

CITY HALL—2 story and base, brick and stone, \$56,881. Klamath Falls, Ore. Architects, Vegiete & Co., Klamath Falls. Owners, City of Klamath Falls. Contractors, Cofer Bros., Klamath Falls. Contract price, \$36,884.

STORES AND OFFICES—3 story and base, brick, \$27,000. Baker City, Ore. Architect, M. P. White, Baker City. Owner, Louis Summers. Contractor, D. Lyxen, 201 Columbia street, Portland. Contract price, \$27,000.

SEATTLE AND WASHINGTON.

RESIDENCE—2 story and base, hollow tile construction, \$30,000. Seattle, Wash. Architect, Carl F. Gould, Boston Block, Seattle. Owner, J. H. Blodell. The dwelling will be erected on Harvard avenue on a large estate. Besides the dwelling plans also provide for a large garage of a similar type of construction. The house will contain in the neighborhood of twenty rooms, several baths and the servants' rooms. Interior finish will be of hardwood throughout. Hardwood and inlaid floors will be used. All bath rooms will have tile floors and wainscot. Plans provide for a central heating system, probably steam heat. There will be open fire places, tile mantels and a vacuum cleaning system. Exterior of the dwelling and garage will be faced with cement plaster. Plans are nearly complete and figures will be called for shortly.

RESIDENCE—2 story, attic and base, semi-fireproof, \$50,000. South Fellingham, Wash. Architect, Carl F. Gould, Boston Block, Seattle. Owner, C. X. Larabee. The dwelling has been designed to contain twelve rooms and a number of baths. A garage will also be erected on the property. Interior finish will be of pine and hardwood with hardwood and inlaid floors. There

will be steam heat, a hot water system and vacuum cleaning. Bath will be finished in tile and will be equipped with showers. Exterior of the dwelling will be faced with cement plaster. Plans are complete and figures will be called for at once.

COLD STORAGE WAREHOUSE—5 story and base, reinforced concrete, \$400,000. Seattle, Wash. Engineer, Port of Seattle Commission, Seattle. Owners, City of Seattle. This work is known as project No. 4 of the Port of Seattle. The building will cover a large area and will be fireproof throughout. The Commission's plans are complete and they are calling for plans to be opened on May 25th. Contractors are also invited to submit plans and specifications containing alternate methods of construction with their figures. Plans can be secured from the Port of Seattle Commission, Central Bldg., Seattle. An official proposal appears in another column in this issue.

HOTEL—10 story and base. Class A construction, \$250,000. Seattle, Wash. Architects, Howell & Stokes, Henry Bldg., Seattle. Owners, Kennedy Hotel Co. The building will be erected at the southeast corner of 4th avenue and University and will cover a large area. Construction will be of the class A type throughout with a complete steel frame, reinforced concrete walls, floors and roof slabs. Only preliminary sketches have been prepared, and the number of rooms, interior finish and other matters have not been determined upon as yet. Further mention will be given of the building as the plans progress.

Contracts Awarded.

THEATRE AND OFFICES—A story and base. Class A construction, \$300,000. Seattle, Wash. Architect, B. Marcus Pretina, Empire Bldg., Seattle. Owner, Alex Pantages, Contractor, Hans Pederson, Madison Bldg., Seattle. Contract price, \$300,000.

BRIDGE—Steel and concrete, \$400,000. Spokane, Wash. Engineer, Engineering Department Oregon-Washington Railroad and Navigation Co. Owners, Oregon-Washington Railroad and Navigation Co. Contractor, Rob. Wakefield, Worcester Bldg., Portland. Contract price, \$400,000.

PIERS, ETC.—Cost not stated, \$250,000. Victoria, B. C. Engineer's name not given, Owners, Canadian Government. Contractors, Grant Smith and McDonnell, Vancouver. These contractors have awarded a subcontract for the structural steel to E. G. Prior & Co., Vancouver for \$250,000.

THE LIABILITY LAW.

Cause For Resistance To The Act Discussed By John Miller White.

A Reason and Builder's Analysis of Existing Conditions in Our Courts of Justice.

The action that is being taken in the courts to overthrow the employers liability law of this state, is one that was to be expected. There is a deep and far reaching reason for it. It appears to me that there is a meaning, both in the law and in the opposition to it, that has not yet, so far as I have seen, been called to public attention. The Liability law is in effect a court

created for the purpose of determining the justice of causes which it is fitted to decide because it is informed of the nature of the cases on which it is called to act. It is only one of many such courts for the purpose of administering justice, that in recent times have been created, and in many states, for the purpose of determining only such cases as they are constituted to understand; and they are able to be just not only because they are free to act on the merits of the causes brought before them, but because they may act promptly, and that is the half of justice.

So all of these commissions are courts. They are prophetic of the courts of the future, and it is the principle of such a court, free and untrammelled, and thus having power to do justice, that is opposed by the interests that are against them. They see, as we all may see if we will, that the courts that we have known, and the system of jurisprudence that they represent, is passing away; by evolution and not by revelation. The cold arm of technicality that is reaching its clammy fingers out of the darkness of the middle ages, and extending over our modern enlightenment, is dying as it should, and a new system of jurisprudence is taking its place.

The old system, or the courts as we have been taught to know them, and in fact our entire system of law and court procedure, grew up in the decaying days of Rome, fittingly constructed in harmony with the spirit of their life. In an age of great wealth in the hands of a few and with millions of struggling poor; constructed so that it worked, by its quibbles and delays, continual injustice just in proportion to the poverty of the litigant. And so it has continued till now with but slight variations of outward shape, in all the nations of modern Europe as well as ours, to automatically amass the wealth of the people in the hands of the rich and powerful. This advantage has continued in favor of the rich for eighteen centuries, and may truthfully be said that it was made so intuitively by the spirit of its creators, as every work must partake of the nature of its authors. And this work has operated, and does so operate now as the most cunning instrument of inequality and injustice that could be conceived in the mind of man. And so it is that the powers in the world that profit by inequality, and who have so long profited through the operation of this system, are to be expected to resist the forces of higher civilization that are sweeping it away.

The higher idea of justice of our recent times, which regards the right of every man to have his cause judged without unnecessary expense or delay, has at last found a way to change our system of law procedure by gradually creating a new system to take its place, and it seems like something of a mockery for the old and dying court to pass on the question of the right of the new to exist or to come into being. It seems as if a dead branch on a tree would claim a right to deny the parent tree the right to grow green branches, but time will rapidly pass, and it will not be long till all civil cases will be tried by tribunals fitted to understand their nature, and which, because of

power to understand the evidence, will be able to do justice.

But while the subject cannot be more than sketched here, this appears to be the true essence of the growing system of adjudication by commissions. We have among us, and particularly here in California, some men who, in recent times have been diligent workers in the cause of equality, and neither are they who preach near violence from street corners, but they are those who have fought every form of corruption, and who are creating this system that will, by its operation, tend to bring about more perfect equality of right. And there are among these some who have been singled out for particular vilification and abuse, by those who profit by protracted litigation and delay. But they are in truth not disturbers but benefactors, and California owes honor and not abuse to her leaders in this march of progress. Such names as Roosevelt, Heney, and Johnson, will long be remembered with honor for their struggle against the entrenched past. There is no question that a great change is working in the hearts of the people, and for what reason we do not know, but we do know that it is true that California is now influencing economic thought and action far beyond her own borders. It will become her to remember that her work is progress, and that honor comes to her now on account of it, and the more will come to her in the future. And the history of all progress will unite to teach her that any failure on her part to maintain the example already given will be charged to her discredit.

JOHN MILLER WHITE.

The California Railroad Commission has taken up the question of the Pullman car rates with reference to the tipping system that is forced upon the public by the employees of that company. And as it has dealt with the Southern Pacific Company and the Wells Fargo Express Company it may be expected to deal with like effect in the case of this monopoly.

The Commission has given the company thirty days in which to remedy the evils complained of or the Commission will start an investigation itself on its own initiative and see where the trouble is. It rightly says that the company should either pay its employees a living wage or if it is too poor to do this that it should have its rates and charges raised.

Commenting upon the practice of the company the Commission states that "It is impossible for this Commission to reach a conclusion other than that the Pullman Company deliberately attempts to pay the employees which it hires from the gratuities given by the public.

While this Commission is not attempting to reform the common inclination of humanity to get a little better treatment by tipping, and does not feel called upon to discuss the propriety of gratuities, still we do believe we are compelled to consider the duty of this company with reference to turning to its own advantage the tipping habit."

The Commission further states that women travelers receive less attention than men, because the tips are less and tourist car passengers receive inferior service to those of the pullman cars.

Commenting further the Commission says:

"Complaints have come from the employees of the company themselves to the effect that under the wages paid them they must get tips to live, and that they are expected by their employers to get such tips. It is impossible for the Commission to reach a conclusion other than that the Pullman Company deliberately attempts to pay its employees from the gratuities of the public.

"This Commission does not feel called upon to question the propriety of gratuities, but we do believe that we are compelled to consider the duty of this company with reference to turning to its own advantage the tipping habit.

"It certainly is a commentary on modern business that a company as rich and powerful as this one in question should feel inclined to stoop to the disreputable practice to which it feels called upon to resort.

"It is our opinion that the time has passed in this State and in this Nation when institutions such as the Pullman Company can be, or should be, permitted by public authority or indulgence which requires the traveling public to be generous in giving tips, whether it wants to or not, and which requires the employees of this company from necessity to resort to whatever means they have in their power to secure the necessary amount which, added to their salary, will enable them to live."

"This report is a commentary on the progress of the country since the time of Grover Cleveland. In 1893 the town of Pullman, Illinois, was owned completely by the Pullman Company. The employees lived in the company's houses or were buying them from the corporation. They traded at the company's store. In fact they were the servants, body and soul, of the corporation. Labor conditions became so bad that the employees went out on strike. The first thing the Pullman Company did was to run a mail car into the town and when the train to which it was attached was stopped by the strikers the company's officials appealed to the President of the United States that the strikers were interfering with the mail. Cleveland promptly sent the federal troops to the place, the trains were permitted to run and the strike was over. The Strikers had no rights that the company was bound to respect and they were compelled to make their living the best way they could.

Now things have changed. Even the porter is considered a citizen, he is entitled to a living wage and the corporation is not allowed to hog his earnings and pay dividends on watered stock and money that was never invested. No wonder the Chronicle howls about too many commissions. It is the Railroad Commission and U. S. Board of Control that has hit its masters, the beneficiaries of special privilege and these are the commissions it would like to abolish.

The present administration shows what really competent men can do when they are placed in charge of governmental affairs when they have the back bone to do it. Never again will the Southern Pacific and Wells Fargo and the Pullman Company and all others make people believe that all

the wisdom if the world is lodged in their corporate heads. And it is to be hoped that never again will a majority of the people pull blindly the juggernaut of special privilege harnessed by political prejudice and beelieving as gospel truth the floundering of a lot of political hirelings.

THE LAKE WASHINGTON CANAL LOCKS.

An important work now nearing completion is the great locks of the Government canal at Salmon Bay, by means of which shipping will be able to pass from Puget Sound at Seattle to Lakes Washington and Union. The works are so far advanced that the first ship is expected to pass through the waterway early in 1915.

The public mind has been so filled with the story of the construction of the Panama Canal and its great locks at Gatun and elsewhere, that it is apt to overlook the fact that several other works of this character of great magnitude are also being carried out. The Lake Washington canal and locks are a case in point. The lock is 825 feet long, 80 feet wide on the inside and 56 feet high. The walls of concrete are 33 feet in thickness at the bottom and 8 feet at the top. This structure is known as the Big Lock. The Small Lock is 30 feet wide and 160 feet long. The latter is being built for the use of small boats, and, of course, it will result in the saving of much expense, since a large part of the traffic is of such size as not to call for the use of the greater structure.

When the locks are finished the level of Lake Union will be raised to twenty-one feet above the high water mark, and both this lake and Lake Washington with the factories along their shores, of which there are many today with the prospect of a great many more in the future, will be in direct water communication with the Pacific. Our great advantage of the new works is that since the water in the lakes is fresh, ships will be able to pass through the locks and relieve themselves of barnacles and other marine growths which will drop off from their bottoms, leaving them clean for the next voyage. Also, the canals will have a distinct value to the Navy, whose ships of the medium and smaller sizes—all ships, in fact, except the larger dreadnoughts—will be able to enter the fresh water lakes if emergency or other causes should render it desirable.

The first estimate for this work was \$2,275,000 for the locks, \$1,000,000 for the dredging. The cost of the locks is being paid by the United States Government and that of the canal by the city and county.

INDUSTRIAL ACCIDENT DECISION.

The Industrial Accident Commission has just handed down a noteworthy decision, Ruth vs. Southern Pacific Company, in which it has held that the Workmen's Compensation Act covers certain classes of the employees of that railroad.

The applicant was the widow of Chas. B. Ruth, who was accidentally killed on January 17, 1914, while employed by the Southern Pacific Company as a truck builder and repairer of trucks for locomotives in its roundhouse at

Roseville. Ruth was repairing a switch engine which had been withdrawn temporarily from service in the Operating Department, and which had been used in handling both interstate and intrastate commerce.

The Southern Pacific Railroad maintained that the accident did not come under the Workmen's Compensation Act, but that it was governed by the United States Employers' Liability Law. In making its decision, the Industrial Accident Commission held that the Congressional Act covered injuries only to those working-men employed by interstate railroads while such employees were actively engaged in interstate commerce. On the other hand, if the railroads were not engaged in interstate commerce at the time and the place of injury, and if the accident occurred while the employee was not engaged in interstate commerce, then the Southern Pacific Company will undoubtedly appeal the case in the higher courts.

HUNDREDS OF MILLIONS OF WASTE SAVED.

At the first annual banquet of the National Association of Waste Material Dealers, held in New York city this week, it was brought out that by collecting and utilizing waste products the members of the association transact an annual business of \$700,000,000. The utilization of cotton-seed oil and of cotton seed, until very recent years a mere waste product of the cotton crop, is now pointed out, is now valued in the United States alone at \$50,000,000 a year. Curtis Guild, ex-ambassador to Russia, noted that we are now exporting sisal strings to Europe to be turned into tooth brushes; that we are using the worn-out painter's brush, soaked with white lead, by cleansing and using the worn bristles to provide inexpensive and durable scrubbing brushes, while exporting American cotton stockings to Europe, where they are unraveled and used as a cheap packing in the manufacture of graphophones and electrical machinery, while the patched and darned European stockings, not having any other use, are exported from Europe to this country for their only possible use as paper stock. The exports and imports of waste material are not yet thoroughly reported by the department, although even the commencement of their appearance in the official publications of the United States Government dates back but a few years. For the calendar year 1912 we exported cotton rags to the value of over \$700,000, paper stock other than cotton rags to the value of over \$800,000, woolen rags to the value of \$1,000,000, scrap iron to the value of \$1,200,000, old and reclaimed rubber to the value of \$1,600,000, and scrap brass to the value of over \$2,000,000. The figures of the imports of waste materials from foreign countries are even more striking. In the year 1913 we imported scrap iron to the value of \$500,000, old copper to the value of \$1,000,000, silk waste to the value of \$3,000,000, old rubber to the value of more than \$3,000,000, cotton rags to the value of \$3,000,000, and other paper stock which was neither cotton rags nor wood pulp to the value of nearly \$5,000,000.—Bradstreet's.

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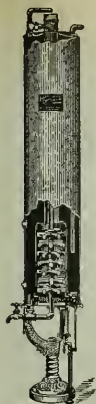
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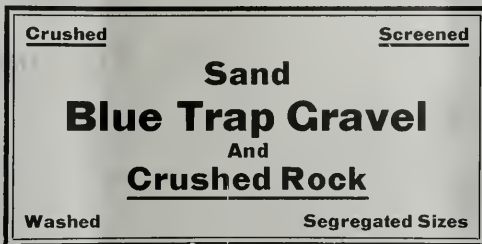
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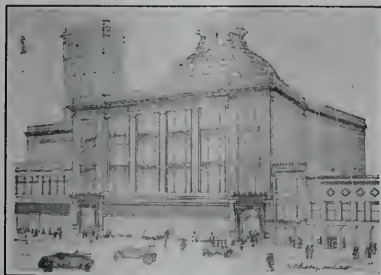
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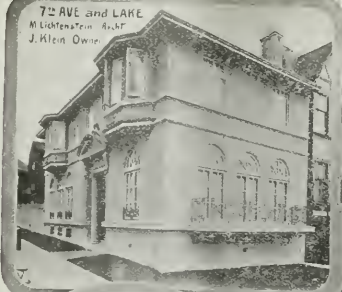
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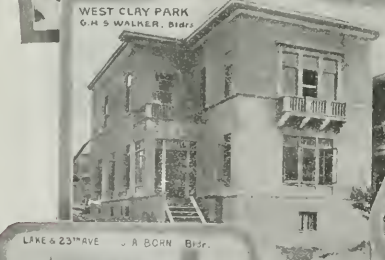
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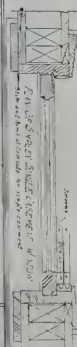
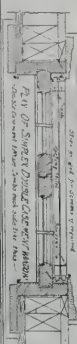
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W. H. Weeks, Archt.



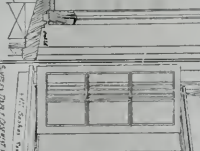
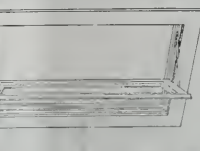
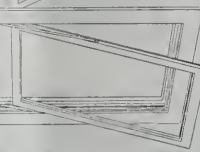
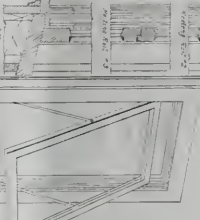
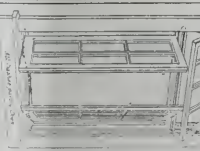
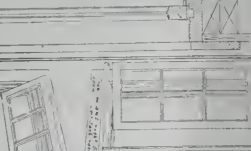
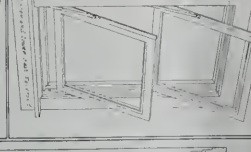
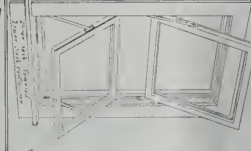
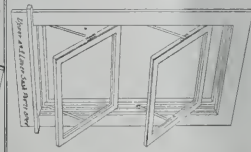
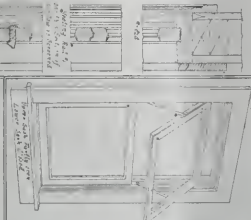
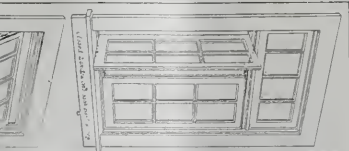
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SIMPLEX - DOUBLE - WINDOW



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of Simplex Window
with Sash in
Open Position

Vertical Section
of Simplex Window
with Sash in
Closed Position

Vertical Section
of Simplex Window
with Sash in
Open Position

Vertical Section
of Simplex Window
with Sash in
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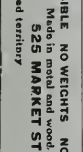
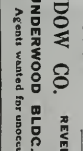
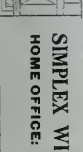
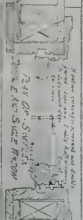
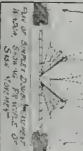
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Building and Industrial News

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OFFICIAL ORGAN

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Editorial Comment.

Out of a list of about 75 cities reporting to the American Contractor, Chicago, a loss of about 13 million dollars or something more than 16 per cent. In New York the loss was comparatively small, in Chicago the decrease was greater, while in the large building centers there was a general decrease in building operations. While we may think things are quiet here on the coast the figures show that conditions here are as good or better than anywhere else. Seattle at least, shows a substantial increase. Particulars are found in the following table:

	April, 1914.	April, 1913.
City		
Akron	\$ 659,030	\$ 1,119,330
Albany	1,156,595	480,100
Atlanta	629,844	429,805
Baltimore	635,215	1,626,014
Berkeley	30,950	236,900
Buffalo	1,280,000	1,097,000
Cedar Rapids	237,700	168,000
Chattanooga	219,490	117,900
Chicago	9,465,899	12,237,550
Cincinnati	964,423	693,290
Cleveland	2,594,115	1,890,065
Columbus	653,555	774,121
Dayton	421,900	18,200
Denver	225,403	242,300
Detroit	3,117,620	3,070,195
Duluth	440,491	200,293
East Orange	511,272	168,304
Evansville	179,717	448,406
Fort Wayne	338,550	222,150
Grand Rapids	183,924	355,776
Hartford	447,143	278,520
Indianapolis	1,036,716	1,531,060
Kansas City	735,665	1,265,745
Lincoln	172,540	623,085
Los Angeles	1,898,304	5,047,065
Louisville	451,820	101,690
Manchester	113,421	552,352
Memphis	420,085	285,929
Milwaukee	1,353,040	1,798,110
Minneapolis	1,912,290	2,093,915
Nashville	258,505	427,266
Newark	754,142	1,842,278
New Haven	249,485	399,935
New Orleans	218,350	251,734
New York		
Manhattan	5,369,013	7,470,358
Bronx	1,938,712	2,892,281
Brooklyn	5,230,129	3,761,461
Boro of Queens	2,422,248	1,617,314
Boro of		
Richmond	221,561	213,760
Total	14,701,684	15,955,174
Oakland	405,540	635,176
Omaha	593,025	575,085
Pasadena	156,455	206,994
Paterson	293,448	149,785
Peoria	202,650	263,101
Philadelphia	3,075,995	3,689,615
Pittsburgh	1,158,225	1,057,762
Portland	763,500	2,887,883
Richmond	557,131	495,141
Rochester	1,156,109	1,322,773

San Antonio	324,760	156,155
San Diego	240,805	776,850
San Francisco	2,795,350	3,327,584
St. Joseph	54,230	118,092
Salt Lake City	321,200	277,151
St. Louis	1,734,412	1,586,006
St. Paul	1,204,759	926,150
Scranton	157,383	113,390
Seattle	1,227,930	840,595
Shreveport	160,668	156,907
Sloux City	317,837	302,983
South Bend	158,105	198,127
Spokane	214,610	198,363
Springfield, Ill.	79,015	115,260
Syracuse	483,780	609,295
Tacoma	105,303	160,759
Toledo	772,144	885,315
Topeka	69,875	100,236
Troy	37,333	44,274
Washington	851,399	1,162,565
Wilkes-Barre	86,194	132,699
Worcester	485,174	493,059

Total

\$69,360,368 \$82,293,477

Joseph Knowles, a Boston artist, entered the Maine woods last year absolutely naked and came out at the end of sixty days clothed and apparently in good health. He demonstrated that civilized man with any knowledge of woodcraft could exist as his barbaric ancestors had done and gain a living from the wilds of nature.

Bill Elliott, a Maine Woods guide, has an interview in the New York World in which he has an idea to enter the city, the brick and mortar wilderness as he calls it, without a shave or a hair cut, without a thing in the world except some ragged clothes to cover the bare pelt. His idea is to demonstrate that the average man has a better show to make a living in the country than in the city.

In other words that the lands holds out the squarest deal to the man that has the right kind of stuff in him and is willing to depend upon himself. That there is always a living to be gained from the soil. And that while one may have to endure physical hardships to the average person there is more opportunity than in the city.

THE MERCHANT TONNAGE OF THE WORLD.

The latest figures showing the tonnage of the merchant fleets of the principal maritime powers, prove that Great Britain still holds her commanding lead, with a tonnage nearly one-third greater than that of all the other maritime powers combined. Thus Great Britain possesses 20,275,791 tons; Germany, 4,998,746; United States, 2,189,736 tons, the greater part of which is domestic shipping; Norway, 2,475,323 tons; France, 2,216,501 tons; Japan, 1,700,062 tons, and Italy, 1,571,761 tons.

Landscape Architect and His Profession.

Expert Services, Training, the Character of Work Charges,
Planting and Principles.

Howard Evans Weed.*

Reprinted from Pacific Builder and Engineer.

Landscape gardening is a comparatively new profession, which may be said to have had its birth in America with the formation of Central Park in New York City. In the growth of the metropolis a large tract of land situated in what was then the upper portion of the city was given for the formation of a public park, largely owing to the fact that the land was so rocky that building operations were considered too costly. No one unfamiliar with the detailed history of this famous park can realize the enormity of the task so successfully carried out by the late Frederick Law Olmstead. This park is the pleasure resort of thousands annually and with many of these persons it is the only touch of nature which they ever see. The Centennial Exposition in Philadelphia marked a step forward in the development of landscape art, and it was here for the first time that the public saw what results could be obtained when flowers, shrubs and trees are blended in harmony.

In the years following the Centennial considerable interest was taken in gardening in the eastern states, more especially in the vicinity of Boston, where a series of public parks was established. But it remained for the World's Fair of 1893 to awaken the people of the west to the fact that there existed such a thing as outdoor art. What visitor does not remember with pleasure the delights of the gracefully curved walks and drives of the White City, the touch of wilderness of the wooded island, or the blending of the formal exposition buildings with their surroundings? These features of the exposition remain in memory long after the exhibits have been forgotten.

Present and Future Interest.

We thus see that it is only in the past few years that much general interest has been taken in landscape gardening. Now, however, the public are taking more interest in things of beauty and works of art. Examples of good landscape art have called attention to the artistic effects which may be produced by the flowering shrubs. But the present interest has only begun.

As the country becomes older greater wealth enables the establishment of country estates developed by special artists who devote their lives to the study of flowers, shrubs and trees, and how they can best be placed in their relation to each other and their surroundings to make an harmonious and effective landscape.

The beauty and attractiveness of a home lies not alone in the house, for however beautiful or costly this feature may be, it cannot be considered alone, but as a part of its surroundings. A framework of flowers, shrubs and trees is needed in order to blend the whole in harmony. It will pay anyone contemplating the planting of even a few trees and shrubs to employ a landscape architect for this work. He will then be reasonably sure of a

good job well done, and as the landscape architect obtains wholesale rates on the purchase of nursery stock, this saving alone will generally more than pay for his services. At the present time no one thinks of building a house without engaging an architect to draw a plan of the building and supervise its construction. Yet it is only in recent years that this has been done. But in the future the importance of a planting plan of the surrounding grounds will be recognized just as surely as the importance of a building plan is recognized today.

Function of a Landscape Expert.

At first thought it may seem an easy matter to plant out the grounds surrounding a building to trees and shrubs. And so it is. A child can place the roots of a flower or shrub in the ground and have it grow. In the same manner it is an easy matter to hang works of art upon the walls of an exhibit room. The paintings being at hand, with the proper number of hooks in the wall, all that is needed is a step ladder and a helper to hand up the works of art and the job is soon over. I have never seen an art exhibit arranged in this way, so do not know how it would look. But I notice that at every art exhibit a committee of connoisseurs is appointed to properly arrange the exhibit. It seems that some paintings show up best with a certain amount of light, others with the light coming from a certain direction, and so on. Upon this account the hanging committee will spend days and even weeks in considering the proper placing upon the wall of a few paintings.

If all this trouble is important in the placing of a few landscape pictures in order to please the eye for the passing moment, how much more important is the placing of the individual specimens of nature in the making of landscape. Here we deal with the real things, the creation and representation of God, and not simply with a few colors put upon a canvas by a man in imitation of nature. We are also making an arrangement, not for the passing moment, but practically for all time. Some flowers and shrubs do their best in shady and others in sunny places; some will not grow at all in a sandy soil; while others will succeed only with wet feet. A knowledge and appreciation of all these facts is necessary for the successful arrangement of the details of outdoor art. As the public comes to know these facts, there is an increasing demand for the services of the landscape architect.

Making a Landscape Architect.

The work of the landscape architect is complex. To make it a success one must first love outdoor work. He must have an eye for the artistic in nature, for landscape gardening consists in the making of new scenery along natural and artistic lines. Nature is the great example from which we copy. He should have a scientific education wherein general agriculture, horticulture, entomology and soil

physics are the leading subjects. In his college course he should also receive particular instruction in surveying, mechanical and free-hand drawing. After completing a college course of this character, the future landscape architect should spend one or two years at some large nursery where ornamentals are made a specialty in order that he may become familiar with the leading flowers and shrubs used in the landscape work. He should then spend a full year as an undergardener upon a country estate or at a botanic garden. Here he will receive practical training in the care and management of such places, in pruning, spraying, the management of greenhouses, the care of potted plants, and the thousand and one other lessons in this line which only experience can teach. Then after two years' association with a good landscape architect, where experience may be had in the making of the planting plans and the planting out from his own plans, the young landscape architect may fairly hope to make a success of his chosen profession.

One engaged in this work, however, must not lag. Each new job is a new problem unlike any he has ever had before. There can be no duplication. The planting arrangement which will make one place beautiful will produce anything but a pleasing effect upon another. The circumstances of soil, climatic surroundings all require study in order to obtain best results. New varieties of plants are being constantly introduced and one must know these thoroughly in order to make use of any which prove hardy and acceptable.

Class of Executed Work.

There is a general lack of knowledge as to what constitutes the work of a landscape architect. In order to more fully illustrate just what this work is, let us take an actual case now in hand and trace the various steps in the development of a country estate.

Some years ago I received a call from a gentleman who stated he had heard of me through a friend. He stated that he had eighty acres of land which he desired to make into a farm with a ten-acre apple orchard, and upon which he expected to live himself for nine months of the year. He inquired as to my methods of business and terms, past work and experience, and engaged me to make the plans and develop his estate. With this client, I visited the place and selected the proper location for the house, the farm cottage, barn, garden and orchard. Upon one side and near the front of the farm occurs a low, marshy place, and here I advised the formation of an artificial lake. From a topographical survey I have now prepared a planting plan of the whole place, showing the location of the building, walks, drives, orchard, kitchen garden, lake, trees and shrubbery. The apple orchard, trees, evergreens and most of the shrubs will be planted out in the next few weeks. During the coming sum-

mer the walks and drives will be laid out, the artificial lake formed, and the house and other buildings erected. Next fall the planting around the buildings and the lake will be put out, so that when the house is occupied a year hence, the trees and shrubs will have been planted long enough to give the whole a reasonably home-like appearance.

The Charge for Services.

Landscape architects differ so widely in the charge made for their services that only a general statement on this subject can be made. Some work on a percentage and others on a per diem basis. The charge, however, will vary according to the amount of study necessary in the development of each place. The charge for the planting plan is usually a stated sum, depending upon the amount of field work necessary in the location of the existing trees and shrubbery. The charge for the plan, however, is often at a given amount per acre.

Occasionally the work of the landscape architect may end with the making of the planting plan, but in most cases he also supervises the planting out of the nursery and this work is generally undertaken on a per diem basis. Each landscape architect has a number of competent foremen who do the planting out. As the season for this work lasts only for six weeks in the fall and eight weeks in the spring, it cannot be expected that the landscape architect will personally supervise the planting out. As he will have many jobs on hand at different places, he will do well if he gets around to see every job two or three times a week during the planting out of the nursery stock.

Value of Confidence.

It is unfortunate that there are at the present time so many men engaged in the work of planting trees and shrubs who are entirely without training and whose knowledge of nursery stock is limited to the names of a few flowers. These gardeners can necessarily see no professional side to their work. Lacking any artistic training or appreciation of the beautiful, they look upon their work simply as a business proposition. Too often this may be said of nurserymen who attempt to do landscape work. The time is coming when a discriminating public will be very careful into whose hands they place the making of their surrounding landscape. The average estate owner knows practically nothing about trees and shrubs and has no means of knowing whether his landscape architect is giving him his money's worth or holding him up. The landscape architect should thus be selected with considerable care and one should be confident not only of his ability but of his business integrity. Personally, I always talk over the full situation with my clients and where they are not limited as to means I like them to say: "Develop my place as you think best," or where they feel like they can afford to spend only a certain amount, I like for them to tell me to "Do what you can for this sum." I then feel that it is up to me to do my best, well knowing that a pleased client is my best advertisement. One job well done, involving only a reasonable expenditure, has often led to a dozen others.

Planting Trees.

A planting plan consists of a map drawn to a scale showing the location thereon of just what trees, shrubs and flowers are to be planted. The plan may have thereon the name of the trees and groups of shrubbery, or it may contain numbers which refer to a planting list giving a key to these numbers. In this way we are able to tell somewhat as to how a place will look when planted out. We also have a list of the nursery stock to be used in the planting and we can thus know what the whole will cost. We thus see why even a small place should be planted from a planting plan. We then know before the work is begun what is to be done and its cost.

The nursery stock is ordered by the landscape architect, generally from various nurseries, depending upon where the best stock of the different varieties can be obtained for the money. The landscape architect should make it his business to keep in touch with the stock of all the nurseries, paying each an annual visit. In this way he is able to save his clients considerable in the purchase of the nursery stock and especially to guard against the shipment of small or poorly grown stock.

Some General Principles.

There are many objects to be considered in landscape work. Except in what is known as formal gardening we aim to imitate nature as far as possible; the object being to produce a pleasing scene of grace and beauty restful to the eye. This is best done by planting the flowers and shrubs in masses, by having many plants of the same variety together. We aim to produce a mass effect of foliage or flower, and an individual plant will not give this effect. It is generally best to have an open center lawn with plantings of flowers and shrubs along the border lines with a sky-line of trees. This will give the effect of increasing the area of a place even on a city lot. The shrubbery groups should be so arranged that all of a place does not appear from any one point of view, thus giving the appearance of "more beyond." Except in extreme formal gardening a building should have a few shrubs planted close against its foundations in order to make it appear as a part of its surroundings. On residence grounds especially it is important that a few shrubs be planted just next to the front porch. The varieties to be used will depend upon the height of the porch.

After Supervision.

It should be understood that an attractive landscape cannot be made in a day. It must be a thing of growth. It takes time for the flowers, shrubs and trees to become fully grown and attain their full perfection. It is thus important that the landscape architect should supervise the after-care of a place. He will then notice spots which need a rounding out of the masses of shrubbery or places wherein the planting of a few additional flowers will bring a color scheme into perfect harmony. He can then see that the trees and shrubs are properly pruned to remove dead wood or to keep the flowering shrubs in a young and vigorous growth that they may produce a maximum of flowers. Insects and plant diseases at time play havoc with some plants, and if the landscape architect

has a place under supervision, he can give the gardener instructions as to how prevent these enemies.

*Landscape architect, proprietor of the Beaverton Nursery, 623 Worcester Building, Portland, Oregon.

AN INVESTIGATION OF QUANTITY SURVEYING.

Criticism of Architect, Business Brigandry, Cost of Estimating, and Answers.*

Sullivan W. Jones,**

From the Pacific Builder and Engineer.

Much justification but, under the existing difficult conditions of practice, unjust criticism has been directed against the architect for the general deficiency and obscurity of the drawings and specifications he issues for the purpose of estimate. The essential function of the drawings and specifications in the contract is to define and limit the character and amount of work to be included in the bid and the subsequent contract, with such precision and clearness that they are capable of only one definite interpretation. Their failure to do function, with the consequent injection into the situation of many elements of uncertainty, transforms competitive bidding into reckless gambling with quantities of labor and materials, and with the future chances of recouping possible and probable losses through securing inordinate profitable extras and through the sandbagging of the sub-contractors.

The Fate of Competitive Bidding.

Competitive bidding is fast degenerating into a disgraceful scramble from which the contractor who will take the longest chances generally emerges as the successful bidder. These conditions are undermining the contractor's moral stamina and are fostering and encouraging business brigandry in the field of building instead of honesty and efficiency.

We are all more or less familiar with the manifestations of this form of decadence; and indeed we are all finding it increasingly more difficult to secure thoroughly honest work under the lump sum contract awarded through competitive bidding. Some architects, and the number is constantly increasing, have tried the cure of eliminating the general contractor, and have succeeded in overcoming at least a part of the trouble. But this treatment alleviates the symptoms only; it does not reach the roots of the evil. We now face a situation demanding that a sound and positive basis be provided for fair and equitable competitive bidding with which honesty, ingenuity, knowledge and efficiency shall be the factors of success.

In approaching a discussion of the economics of competitive bidding under existing conditions, we have merely scratched the surface of a subject of vast proportions and far reaching in its intimate relation to the whole question of the high cost of building and to certain contributing causes of the high cost of living.

The Cost of Estimating.

The cost of estimating to the general contractor and his sub-contractor

tors collectively, according to statistics compiled upon data collected from a great number of contractors in all of the trades, is slightly over 1 per cent of the amount of the estimate. There is a wide variation between the costs of estimating as stated by the various contractors. Some have kept careful cost data and others have not. The result given is obtained by fixing the average cost in each trade expressed as a percentage of the value of the work under the trade, and reducing this average to a percentage of the cost of the entire work. To illustrate: We find that there is an average of nine bidders on structural steel. The average cost of estimating structural steel is one-sixth of one per cent of the amount of the estimate. Therefore, the total cost of estimating the structural steel for one building is nine times one-sixth per cent, or one and one-half per cent of the value of the steel. The structural steel item averages about ten per cent of the cost of the building, and the cost of estimating the steel expressed as a percentage of the cost of the building would, therefore, be ten per cent of one and one-half per cent or fifteen one-hundredths per cent. A similar extension is made for each trade and the result column totaled. Generous allowances are then made for the submission of estimates by the same sub-contractors to a number of the general contractors bidding, which is usual. There is an average of ten bids taken on each building and each contractor receives an average of seven sub-bids in each trade. Re-estimating is frequently resorted to, but no consideration has been given to this further source of waste in computing the net results.

The general contractor usually estimates the mason work and rough carpentry, and occasionally the plastering and the erection of structural steel. But even if the general contractor is eliminated, the situation does not change for the same duplication of the work of estimating then occurs in the trades usually handled by him.

The cost to the contractor of all estimates is charged to "overhead" and must eventually be distributed pro rata over the cost of work actually secured and executed. Under the law of averages each contractor secures one of every ten jobs on which he submits tenders. The accuracy of this reasoning is verified by the statement secured from various contractors. It therefore becomes evident that each owner pays the cost of estimating ten jobs of the same value as his own, in nine of which he has not the slightest interest. In other words, 10 per cent of the amounts of all estimates represents estimating cost under the inefficient methods now employed. Conversely, it is evident that by doing away with the duplication of the work of estimating, and allowing for the sake of argument, 3 per cent of the cost of the work for the preparation of complete bills of quantities and estimating data and the cost to the bidders of pricing such bills we may certainly effect a reduction of 7 per cent in the cost of building generally. This reduction expressed in dollars reaches the appalling figure of \$1,000,000,000 for the United States for the year 1912, and

this figure is safely conservative. This loss is suffered on the one item of estimating. An equal, if not greater, amount is lost to the owner annually as the result of illegitimate profits accruing to the contractor through inordinate extras, substitutions and evasions made possible by basing the contract on loose and deficient drawings and specifications. A further loss results from accumulated interest charges on payments improperly withheld both from the general contractor and from the sub-contractor.

All losses must ultimately be absorbed by the business and offset by the profits. The losses above enumerated are therefore charged against the building. The effect of this super cost are accumulative; rents and taxes are increased correspondingly, and the increase is paid year after year until the accumulated aggregate loss passes into figures outside the sphere of human comprehension.

Reflecting upon these conditions, we reach the conclusion that the duplication of work in estimating should be done away with by adopting the system of estimating on bills of quantities prepared and issued with the drawings and specifications, and that the bill of quantities be made the basis of the contract. We believe the owner should pay the cost of preparing the bills of quantities and that he should assume responsibility for their accuracy.

ANSWERS TO OBJECTIONS.

In connection with these beliefs, we would briefly answer the objections which are usually raised against them. The owner's objection to being asked to pay the quantity surveyor's fee is completely satisfied by the statements on the actual money wasted resulting from the present method. By making this further direct payment, the owner actually saves a very considerable amount and is assured of receiving full value for money spent. The objection to the owner's assuming responsibility for the bill of quantities is met by submitting that a bill of quantities prepared by a competent surveyor in free and interested co-operation with the architect can only result in the production of a complete bill and of drawings and specifications closely approaching perfection. All questions as to the true intent and meaning of the drawings and specifications will arise before bids are taken. Instead of after the contract is let as is now the case. Furthermore, the length of the quantity surveyor's business life will depend entirely upon the accuracy with which he does his work and with which his bills co-ordinate with the drawings and specifications in the construction of the work. It will be incumbent upon the quantity surveyor to see to it that not only his bills but also the drawings and specifications are clear and complete before issue. We believe that the quantity surveyor in this country must be an organization composed of experts in each trade. This will overcome the objection that much valuable time would be lost in preparing the bills.

The determination of the most expedient method of procedure for inaugurating such a radical change is an extremely difficult problem, and we are

not prepared at this time to make any definite proposals. We believe the establishment of uniform standards and rules for the measurement of materials incorporated in the structure is a condition precedent and essential to the successful operation of the system in this country; thus avoid confusion such as results in England from the use of three standards or systems.

*Abstract of report of the committee of the American Institute of Architects on quantity surveying.

**Architect and chairman of the committee, which included Leon Coquard and C. L. Borie, Jr., The Octagon, Washington, D. C.

THE LIFE OF THE FAIRER.

From the Country Gentleman.
I think that the life of a husbandman of all others is the most delectable. It is honorable, it is amusing, and, with judicious management, it is profitable.

In indulging these feelings, I am led to reflect how much more delightful to the undebauched mind is the task of making improvements on the earth than all the vainglory that can be acquired from ravaging it by the most uninterrupted career of conquest.

I know of no pursuit in which more real and important service can be rendered to any country than by improving its agriculture, its breeds of useful animals, and other branches of a husbandman's care.

MODEL OF PANAMA CANAL IN CANADA.

An interesting and instructive model of the Panama Canal, on exhibition at one of the large department stores in Vancouver, is attracting much attention. The model, which is constructed of wood and papier-mache, shows the system of lifting ships to a sufficient height to overcome the difference in the level of the waters of the Atlantic and Pacific Oceans. Pictures of the model appear in the local papers and photographs of the same are being distributed. Large crowds are attracted daily to the exhibit, which has caused much comment, resulting in a more general and intimate knowledge of the great work than could be gained from reading descriptions of the canal. The inspector of the Vancouver public schools has been so impressed with the educational value of this working model that an arrangement has been made permitting the pupils to take the time during school hours to visit the exhibition.

The rights for exhibiting the model are controlled in Portland, Ore., and the Vancouver company making the display have been six months negotiating for the privilege of placing the plan on exhibition in this city.

A FACE WE ALL LOVE.

There are faces we love and faces we hate.
And some that would make you boiler.

But the face worth while
And that makes you smile
Is the face on the silver dollar.

—Jacksonville Times-Union

Plans desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$25,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, Mrs. Bertha Overfield. The building will be erected at the corner of Fillmore and Green streets, and will cover a considerable ground area. Interior has been arranged for a number of three and four room suites, all of which will have private bath and wall beds. Interior finish will be of pine and hardwood veneer. There will be steam heat, portable vacuum cleaners and a hot water system. Bath rooms will be finished in tile and will have composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. A pressed brick veneer base will be used. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Herman Hogrefe. The building will be erected on the west side of Hyde street north of Pine, having a frontage of 25 feet and a depth of 64 feet. There will be a total of six suites arranged in two and three rooms with private baths and wall beds. Interior finish will be of pine and redwood. Hardwood floors will be used in the living rooms. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior will be covered with cement plaster on metal lath and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Apartment house, 5 story and base, brick and steel, \$63,500. Architect, Herman Barth, 12 Geary street, S. F. Owners, Kaiz Estate. The building will be erected at the northwest corner of California and Hyde streets, covering an area of 87 feet 4 inches by 78 feet 8 inches. There will be 36 apartments of two and three rooms and a store. Interior finish will be of pine and elm. Hardwood floors will be used in the halls and living rooms. Plans provide for steam heat, elevator service, a hot water supply and vacuum cleaning plant. Bath rooms will have tile wainscot and composition floors. All suites will be equipped with wall beds and will have private bath rooms. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 5 story and base, brick and steel. Cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Metropolis Investment Co. The building will be erected at the northwest corner of Sacramento and Hyde streets, covering a considerable ground area. Interior has been arranged for

a total of nine suites of five rooms and bath each. Interior finish will be of pine and hardwood veneer with oak floors in the principal rooms. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Entrance will be finished in tile and marble. All bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SEATTLE, WASH.—Apartment house, 3 story and base, brick and steel, \$30,000. Architects, Thompson & Thompson, Mutual Life Bldg., Seattle. Owner, S. A. Martin. The building will be erected on Republican street, covering an area of 41 by 83 feet. There will be a number of two and three room suites with wall beds and private bath rooms. Interior finish will be of pine and hardwood veneer. Plans provide for steam heat and a hot water supply. All bath rooms will have tile wainscot and composition floors. Entrance will be finished in tile and marble. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owner who will do the work by Day Labor.

PORTLAND, ORE.—Apartment house, 4 story and base, brick and steel, \$50,000. Architects, Clausen & Clausen, Macleay Bldg., Portland. Owner, C. C. Brown. The building will be erected on Madison between Broadway and Park street, with a frontage of 50 feet and a depth of 100 feet. Plans show a total of 34 suites of three and four rooms each with bath and wall beds. Interior finish will be of pine and hardwood veneer. There will be steam heat, elevator service, vacuum cleaning and a hot water supply. All bath rooms will have tile wainscot and composition floors. Marble and tile will be used in the entrance. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken.

OAKLAND, CAL.—Apartment house, 8 story and base. Class A construction. Cost not stated. Architect, Carl Werner, Phelan Bldg., S. F. Owner, C. J. Heeseman. The building will be erected at one of the most prominent corners in Oakland, and will cover an area of 120 by 234 feet. Apartments will range from three to seven rooms with from one to two baths. Interior finish will be of pine and hardwoods with all baths finished in tile with composition floors. Plans provide for steam heat, elevator service, a hot water system and vacuum cleaning system. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick and terra cotta. Plans are now being prepared.

LOS ANGELES, CAL.—Apartment house, 4 story and base, reinforced concrete. Cost not stated. Architect, C. W. Stewart, Waverly Apartments, L. A. Owner, Walter I. Wilson, 725 West 21st street, L. A. The building will be erected on West street and will have a frontage of 40 by 100 feet. Interior has been arranged for a total of 72 rooms in two and three room suites

with baths and wall beds. Interior finish will be of pine and hardwood veneer. Some oak floors will be used. Plans provide for steam heat and a hot water system. Bath rooms will be finished in tile and composition floors. Entrance will be finished in tile and marble. Exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for shortly.

Contracts Awarded.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$15,800. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, E. J. Keller. Contractor, Charles Coburn, 4030 24th street, S. F. Contract price, \$15,300.

BANKS.

LOS ANGELES, CAL.—Bank and offices, 7 story and base. Class A construction. Cost not stated. Architects, Reid Bros., California-Pacific Bldg., S. F. Owner, Harlett C. Merritt. The building will be erected at the corner of 8th and Broadway, covering an area of 60 by 115 feet. The stories will be higher than usually constructed, and the height of the building will be 115 feet. There will be stores in the first story and a bank in the second. The upper floors will be arranged for office purposes. The seventh story being occupied by the Merritt Corporation. The building will be steel frame and brick construction, and will have reinforced floors, sidewalk lights, pressed brick and stone facing, plate glass windows, marble finish in the lobby and corridors, hollow tile partitions, metal frames and sash, hardwood trim, three elevators, marble stairways, steam heat and vacuum cleaning. Plans are complete and figures are being taken.

CHURCHES.

SAN JOSE, SANTA CLARA CO., CAL.—Chapel, 1 story, frame and plaster, \$1,000. Architect, none. Owners, The Santa Clara Church Society. The building will be erected on North Santa Clara street between 28th and 29th streets, adjoining the other church property. Interior will be finished in pine throughout. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

COURT HOUSES

ALTURAS, MODOC CO., CAL.—Court house, 2 story, base and dome, reinforced concrete, \$90,000. Architect, De Longchamps, Reno, Nev. Owners, Modoc County. All figures for the construction of this building under revised plans have been received and will either be awarded or rejected at the Wednesday meeting of the Board of Supervisors.

FACTORIES & WAREHOUSES.

LOS ANGELES, CAL.—Motion picture factory, group of 1 and 2 story, reinforced concrete, \$1,000,000. Architects, S. Tilden Norton and F. H. Wallis, Title Insurance Bldg., L. A. Owners, Universal Film Co. An official of the film company is coming from the principal

office in New York to supervise all construction. A reinforced concrete wall 18 feet high will be constructed along the property line where it faces public highways. The buildings will include the administration building, projecting theatre, restaurant to seat 500 people, planing mill and carpenter mill and carpenter shop, 300 dressing rooms, several stages, one of which will be 600 feet long, emergency hospital, property rooms, scene painting rooms, laboratory, power plant, etc. All the buildings will be of Mission design, of reinforced concrete construction, with tile and composition roofs.

SACRAMENTO, CAL.—Warehouse, 2 story and base, frame, \$2,500. Architect, none. Owners, Gladding-McBean Co., Crocker Bldg., S. F. The building will be erected at the southeast corner of 24th and R streets, and will cover a large area. No interior finish will be used. There will be a cement floor. Exterior of the building will be faced with corrugated iron. Plans are complete and the work will be done by Day Labor.

Contracts Awarded.

LOS ANGELES, CAL.—Warehouse, 4 story and base, brick and steel, \$43,000. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Mrs. S. H. Van Nuys. Contractors, Alta Planing Mill, 830 McGarry street, L. A. Contract price, \$43,000.

GARAGES.

OAKLAND, CAL.—Garage, 2 story and base, reinforced concrete, \$36,000. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Dr. Huntington. The building will be erected on the west side of Broadway north of 19th street, and has been designed for a large commercial garage. There will be office space, storage rooms and a completely equipped machine shop included. Interior finish will be of pine. Concrete walls, floors and roof slabs are specified. Plans provide for metal window sash and frames and special gasoline storage tanks. Interior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

OAKLAND, CAL.—Garage, 2 story and base, brick and steel. Cost not stated. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owners, Imperial Garage and Supply Co. The building, which has been mentioned here before, will be erected on the east side of Franklin street north of 14th street, covering a considerable ground area. Interior will be finished in pine. Plans provide for a sales department and storage space. There will be cement floors. Plans provide for metal window sash and frames and special gasoline storage tanks. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken.

GOVERNMENT WORK AND SUPPLIES.

Earthwork.

The Reclamation Service is asking for proposals for earthwork on 30 miles of main canal, Grand Valley irrigation project, Colo., involving the excavation of approximately 1,900,000 cubic yards of material. This work is situated near the main line of the

Denver and Rio Grande and the Colorado Midland Railways in the vicinity of Palisade, Grand Junction, and Fruita, Colo. The bids will be opened after 2 o'clock p. m. June 16, 1914, at the office of the Reclamation Service, Grand Junction, Colo.

Earthwork and Structures.

The U. S. Reclamation Service is asking for proposals for earthwork and structures, Dodson South Canal, Milk River irrigation project, Mont. This work involves about 145,000 cubic yards of excavation, 2,650 cubic yards of reinforced concrete, the placing of 260,000 pounds of steel reinforcement, and the placing in wooden structures of about 150,000 feet, B. M. of lumber. It is situated on the south side of Milk River in the vicinity of Malta, adjacent to the main line of the Great Northern Railway. Bids will be opened at the office of the Reclamation Service at Malta, Mont., after 2 o'clock p. m. June 10, 1914.

Tongue Point, Ore., Seawall.

The following bid was received by the light-house inspector, 17th district, Portland, Ore., for constructing, retaining, making fill, and placing rip-rap at Tongue Point light-house depot, near Astoria, Ore.:

Stebinger Bros., Portland, Ore., \$7,204.

Puget Sound, Wash., Fireproof Building.

The following bids were received at the bureau of yards and docks, Navy Department, Washington, D. C., for fireproofing south end of building No. 59, navy yard, Puget Sound, Wash.:

Item 1, changes in building, complete; 2, deduct from item 1 for omitting new floor construction on ground floor.

H. E. Doering, 567 Maple street, Portland, Ore., item 1, \$10,932.

Eckman & Mawet, Seattle, Wash., item 1, \$10,100; 2, \$1,500.

Carlson & Son, Seattle, Wash., item 1, \$3,520; 2, \$1,715.

Ericksen & Larson, Seattle, Wash., item 1, \$9,440; 2, \$1,500.

W. N. Concanon, 525 Market street, San Francisco, Cal., item 1, \$10,489; 2, \$1,354.

John Galber, Seattle, Wash., item 1, \$10,218; 2, \$1,870.

Sundell & Coling, Northern Bank Building, Seattle, Wash., item 1, \$9,586.50; 2, \$325.

Charles H. Schaar, Seattle, Wash., item 1, \$9,000; 2, \$500.

Notice to Navy Contractors.

The attention of contractors is invited to the fact that no material delivered under contracts, bureau orders, etc., will be received at the various navy yards unless the cases or other containers are properly marked with contract number, etc., so that the material can be readily identified.

Light-House Service Road.

The following bids were received by the light-house inspector, 15th district, San Francisco, Cal., for constructing a road to Point Arena light station, Cal.:

J. C. Halliday, Point Arena, Cal., \$2,490; accepted.

Wm. Lawson, Manchester, Cal., \$2,700.

San Francisco, Cal., Interior Decoration.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for interior decoration and painting of the U. S. post office at San Francisco, Cal.:

A. Lincoln Cooper, New York City, \$10,000; 11 weeks.

Isidor P. Kissel, San Francisco, Cal., \$10,000; 3 months.

Suction Manifold, Reclamation Service.

Abstract of proposals for suction manifold, received in response to advertisement 295, for the Salt River Reclamation project:

Llewellyn Iron Works, Los Angeles, Cal., \$442.50; at Los Angeles; time, 21 days.

Fulton Engine Works, Los Angeles, Cal., \$724; at Los Angeles; time, 30 days.

Pittsburg Foundry Co., Los Angeles, Cal., \$815; at Los Angeles; time, 18 days.

Earthwork.

The Secretary of the Interior has authorized award of contract to the Owen Construction Co., of Denver, Colo., for earthwork on the North Canal extension and laterals, Belle Fourche irrigation project, South Dakota. The work covers about five miles of the North Canal and 14 miles of laterals, involving the excavation of about 199,200 cubic yards of material. The total contract price is \$29,718.40.

Tender Madrono, Repairs, Etc.

The following bids were received by the light-house inspector, 15th district, San Francisco, Cal., for docking and repairing tender Madrono:

Union Iron Works, San Francisco, Cal., \$2,672.83.

United Engineering Works, San Francisco, Cal., \$2,007.15; accepted.

Moore & Scott Iron Works, San Francisco, Cal., \$2,216.

Navy Yard, Mare Island, Cal., \$2,553.73.

SAN FRANCISCO—Stable buildings, 5, 1 story and basement, brick or reinforced concrete. Cost not stated. Architect, Constructing Quartermaster's office, Fort Mason. Owners, United States Government. Bids were opened in the office of the Constructing Quartermaster at Fort Mason for the construction of five large stable buildings to be erected at the Presidio. Bids were asked for both brick and reinforced concrete types of construction and with unit prices. The Constructing Quartermaster's office had not completed the tabulation and a complete list of the bids is not available. Frank M. Garden Co. were reported as being low.

SAN FRANCISCO—Garbage crematory, brick construction. Cost not stated. Engineer, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Plans have been completed and figures are now being called for on the construction of a new garbage crematory at the Presidio. Plans and complete particulars can be secured from the engineer at Fort Mason. Bids will be opened on May 22nd. An official proposal appears in another column of this issue.

—HALLS & SOCIETY BLDGS—

AUBURN, PLACER CO., CAL.—Lodge Hall, 2 story and base, brick and steel. Cost not stated. Architect, Allen D. Fellows, East Auburn. Owners, Masonic Temple Association. The building will be erected on a corner and will occupy a considerable ground area. The first floor has been designed for stores while the upper floors will be used for lodge rooms and a large auditorium. Interior will be finished in pine and hardwood with maple floor in the auditorium. There will be steam heat. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans have been prepared and figures will be called for shortly.

COLUSA, COLUSA CO., CAL.—Hall of Records lighting fixtures. Cost not stated. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Colusa County. Plans and specifications have been completed for furnishing and installing light fixtures in the new hall of records at Colusa. Bids will be opened on June 2nd. An official proposal appears in another column of this issue.

GONZALES, MONTEREY CO., CAL.—Lodge hall, 2 story and base, reinforced concrete. Cost not stated. Architect, H. R. Douglass, Pajaro Bank Bldg., Watsonville. Owners, Trustees of the Gabilan Lodge No. 372, I. O. O. F., of Gonzales. The building will be erected on 4th street and will be arranged for stores on the first floor and lodge room above. Interior finish will be of pine throughout with some maple floors. Patent store fronts will be used. Exterior of the building will be faced with cement plaster. Bids have been taken on the work and a contract will be awarded shortly.

HOSPITALS

SAN FRANCISCO—Hospital screens. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids were opened at the last meeting of the Board of Public Works for furnishing and installing window screens at the San Francisco City Hospital. McSheehy Bros. were low men. A complete list of the bids appears under the heading of San Francisco.

LUCAS VALLEY, MARIN CO., CAL.—Hospital lighting fixtures. Cost not stated. Architect, Thomas O'Connor, San Rafael. Owners, Marin County. Plans have been completed for the installation of lighting fixtures in the new County Infirmary at Lucas Valley. Plans and specifications can be secured from the architect or County Clerk at San Rafael. Bids will be opened on May 21st.

HOTELS.

LOS ANGELES, CAL.—Hotel, 2 story and base, brick and steel. Cost not stated. Architect, Albert C. Martin, Higgins Bldg., L. A. Owner, Mrs. Antonie Milovitch. The building will be erected on High street near Ord, covering an area of 83 by 50 feet. The first floor will contain five stores and the hotel entrance. Upper floor has been arranged for twenty rooms and a num-

ber of public baths. Interior finish will be of pine with some redwood. Plans provide for steam heat and a hot water system. Bath rooms will have the wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are being prepared.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$7,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, Mr. Jenkins. The dwelling has been designed for an eight-room house and will be erected in Marine View Terrace on 48th avenue. Interior of the house will be finished in pine and hardwood with some white enamel. There will be furnace heat and open fire places. Mantels will be of tile and brick. Hardwood floors will be used in all of the principal rooms. Plans provide for two baths which will be finished in tile and will have composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architect, none. Owner, James Welsh, 244 26th avenue, S. F. The dwelling will be erected on the east side of 22nd avenue south of Lake street, and has been designed to contain seven rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room. Mantel will be of tile. The wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, F. Nelson, 30 Presidio Avenue, S. F. The dwelling will be erected on the east side of 16th avenue north of California in a district in which Mr. Nelson has operated extensively. The house will contain seven rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be open fire places and the mantels. Bath room will have the wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

ALAMEDA, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$6,500. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner's name withheld. The dwelling will be erected in Lincoln Park, and has been designed to contain eight rooms, two baths and three sleeping porches. Interior finish will be of pine and hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile and will be equipped with showers. An auto-

matic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, J. M. Parks. The dwelling will be erected in the Claremont Tract, and has been designed to contain eight rooms, baths and sleeping porches. Interior finish will be of pine and hardwood. Hardwood and inlaid floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have the wainscot and composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, E. L. Brock. The dwelling has been designed for an eight-room house with two baths and sleeping porch and will be erected in the Highlands Tract. Interior finish will be of pine, redwood and some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile floors and wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

OAKLAND, CAL.—Residence, 1 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Henry Crosby. The dwelling will be erected on Lake Shore Drive and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and redwood with some hardwood veneer. There will be hardwood floors in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room will have the wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, W. R. Alberger. The dwelling will contain seven rooms, two baths and a sleeping porch, and will be erected at the corner of Paloma and Calmar. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have the wainscot and composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$8,000. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, J. A. Munro. The dwelling will contain eight rooms, two baths and a sleeping porch. It will be erected on Grand avenue near Rand. Interior finish will be of pine and redwood with some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open-fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence club, 2 story and base, frame, \$12,600. Architect, Warren Perry, 336½ Dwight Way, Berkeley. Owners, Faculty Club. The work will consist of extensive alteration to the present building and will include plastering, painting, mill work, hardwood and pine interior trim and hardwood floors. New plumbing and electric work will be installed. Exterior of the building will be altered and a new coat of cement plaster will be put on. Plans are complete and the work will be done by Day Labor under the direction of the architect.

PALO ALTO, SANTA CLARA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, H. L. Hachl. The dwelling has been designed for an eight-room house with bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile floor and wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are nearly ready for figures and a contract will be let next week.

SAN JOSE, SANTA CLARA CO., CAL.—Bungalow, 1 story and base, frame, \$2,300. Architect, none. Owner, T. L. Marten, 900 Bird avenue, San Jose. The house has been designed for a five-room house and will be erected on Bird avenue. Interior finish will be of pine throughout. There will be some oak floors. A large open fire place will be used in the living room. Mantel will be of tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, F. A. Daley, 2130 Broadway, Oakland. The dwelling has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile floor and wainscot and will be equipped with showers. Exterior of the house will be covered

with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame. Cost not stated. Architect, Harvey Partridge Smith, Blake Bldg., Oakland. Owner, M. Marks. The dwelling will be erected in West Clay Park and has been designed for a seven-room house with two baths and a sleeping porch. Interior finish will be of pine and hardwood. Hardwood and inlaid floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,400. Architect, none. Owner, M. F. Nolan, 228 Noe street, S. E. The dwelling will be erected on the east side of 22nd avenue and has been designed to contain six rooms and bath. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be open fire places and furnace heat. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame alterations and additions, \$12,000. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, Dr. Herbert Moffitt. This work will be carried out at the residence located on the north side of Broadway east of Octavia, and will consist of extensive interior finish, mill work, plumbing, plastering, painting and electric work. A new system of heating will also be installed. Exterior of the present building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SANTA MONICA, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame and plaster. Cost not stated. Architect, A. C. Martin, Higgins Bldg., L. A. Owner, Thomas Higgins. The dwelling has been designed to contain fifteen rooms, three baths and sleeping porches. Interior will be finished in pine and hardwood. Hardwood and inlaid floors will be used in the principal rooms. Plans provide for steam heat and a hot water supply. Bath rooms will be finished in tile and will be equipped with showers. Open fire places will be used in the principal rooms. Mantels will be of tile and marble. A vacuum cleaning system will be installed. Exterior of the house will be covered with cement plaster. Plans are complete and figures are being taken.

SEATTLE, WASH.—Residence, 2 story and base, brick, \$20,000. Architect, Julian Everett, Boston Block, Seattle. Owner, Dr. O. F. Lawson. The dwelling will be erected on Federal

avenue on a large plot of ground which will be laid out in formal gardens. The dwelling has been designed to contain ten rooms and several baths. Interior finish will be largely of hardwood with pine used in the servants' rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. All bath rooms will have tile wainscot and floors and will be equipped with showers. An automatic water heater will be installed. Vacuum cleaning is also specified. Exterior of the house will be faced with pressed brick. Plans are complete and figures are being taken.

GALT, SACRAMENTO CO., CAL.—Residence, 2 story and base, frame, \$8,000. Architect, Harvey Partridge Smith, Blake Bldg., Oakland. Owner, Mayrus Mitting. The house has been designed to contain eight rooms, two baths and sleeping porch. Interior finish will be of pine and redwood with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

Contracts Awarded.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,500. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, Hugo Arrigoni. Contractors, Ratto & Giannini, S. F. Contract price, \$2,500.

PANAMA - PACIFIC EXPOSITION WORK.

Exhibit of Steel Corporation.

The announcement is made that the United States Steel Corporation and its subsidiary companies propose to have a comprehensive exhibit of its operations at the Panama-Pacific Exposition in San Francisco in the year 1915. It will begin with the ore fields and carry on an educative picture of its operations in ore mining, rail and water transportation, dock operations, coal, coke, and pig iron production, steel manufacturing in its various lines, and will also present in a materially displayed way the processes of manufacturing of many of its subsidiary companies' products, including "National" pipes; also how it utilizes its by-products and the display of many uses in which its general products are employed, typifying the advancement in the uses of this country's resources.

In addition to the material exhibits before mentioned, the corporation intends to exhibit in a comprehensive manner by moving pictures its operations throughout all departments, showing the ramifications of the processes of the corporation's operations. It is proposed, as well, to set forth to the world the work which the United States Steel Corporation has done towards the social welfare of its employees and those depending upon them. Also it will exhibit many forms of safety devices that have been conceived by the corporation officials and its employees and in the installation of which large sums have been and

are being expended by the corporation.
SAN FRANCISCO—Concession building, 1 story, frame and plaster. Cost not stated. Architect, Carl Werner, Phelan Bldg., S. F. Owners, The Neptune Amusement Co. The work will include a large swimming tank besides many unique features. There will also be a large auditorium with a seating capacity of 1,000 people. Interior will be finished in plaster. Special mechanical equipment will be required. Exterior of the building will be faced with cement plaster on metal lath. Plans are complete and figures are now being taken.

SAN FRANCISCO—Live stock building, 1 story, frame and plaster. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans have been completed for the Live Stock Exhibit building to be erected on the Exposition grounds. Bids are now being taken by the Buildings and Grounds Committee of the Exposition Co. Plans can be secured from the office of the Director of Works. An official proposal appears in another column of this issue. Bids will be opened on May 21.

SAN FRANCISCO—Spraying exhibition palace with cold water paint. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on May 19th for spraying the principal exhibition palace on the grounds with cold water paint. All particulars can be secured from the office of the Director of Works, Service Bldg. An official proposal appears in another column of this issue.

SAN FRANCISCO—State exhibit building, 2 story, frame and plaster, \$35,000. Architect's name not given. Owners, State of Massachusetts. Bids opened for this work show W. D. Henderson of San Francisco low at \$52,975. A complete list of these figures will be found under the heading of San Francisco in this issue.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO—Power station, 1 story and base, reinforced concrete, \$30,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Pacific Gas and Electric Co. The building will be erected on the south side of Commercial street east of Montgomery, covering an area of 49 feet 9 inches by 59 1/2 feet. Construction will be fireproof with reinforced concrete walls, floors and roof slabs. Interior will be finished in pine and metal. Metal window sash and frames and fireproof doors will be used. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

SAN FRANCISCO—Railroad construction, \$20,000. Engineer, Constructing Quartermaster's Office, Fort Mason, Owners, United States Government. Plans are now being completed for the construction of a railroad connecting the Fort Mason tunnel with the Transport Ducks. Specifications are now in the hands of the printer and bids will be called for within a few days. An official proposal will appear in this issue. The work will require 114-

pound rails, 127-pound guard rails, redwood ties and rock ballast.

SCHOOLS.

LANDDALE, MARIN CO., CAL.—School, 1 story and base, frame, \$10,000. Architect, J. W. Dolliver, Royal Insurance Bldg., S. F. Owners, Landdale School District. The building will contain four rooms and an assembly hall. Interior finish will be of pine throughout. There will be a warm air system of heating. Black boards and modern school plumbing will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

MCMINNVILLE, ORE.—School, 2 story and base, brick, \$30,000. Architect, Ernest Kroner, Worcester Bldg., Portland. Owners, McMinville School District. The building has been designed to contain six class rooms, principal's office and an assembly hall. Interior will be finished in pine throughout. Maple floors will be used in the class rooms. Plans provide for furnace heat and modern school plumbing. Exterior will be faced with pressed brick. Plans are now being prepared and figures will be called within the next three weeks.

STOCKTON, SAN JUAN CO., CAL.—School, 2 story and base, brick and steel. Cost not stated. Architects, Stone & Wright, 21 California street, Stockton. Owners, City of Stockton. Bids opened at the last meeting of the Board of Education for the construction of the West Side School show Daniels & Green of Stockton low at \$71,841. They will probably be awarded the contract. A complete list of the bids as opened appears under the heading of Sacramento, Stockton and Northern California in this issue.

LANCASTER, LOS ANGELES CO., CAL.—School, 2 story and base, reinforced concrete, \$30,000. Architect, E. L. Hopkins, Delta Bldg., L. A. Owners, Lancaster School District. A one-story building to contain four class rooms, besides laboratory rooms, study rooms, etc., and a dormitory to accommodate 30 students, will be erected. Both will be of reinforced concrete construction with pine finish and floors infurnace heat, composition roofs and plumbing. Plans are being prepared.

FRESNO, FRESNO CO., CAL.—School, 2 story and base. Cost not stated. Architects, Swartz, Hotchkiss & Swartz, Roswell Bldg., Fresno. Owners, City of Fresno. Preliminary plans have been prepared under the direction of W. D. Coates, Supervising Architect, for the Emerson School. No details of the building have been made public, but it is understood that it will be one of the largest of the new schools to be erected in Fresno. All modern school appliances will be installed. Further details will be given as the work progresses.

FRESNO, FRESNO CO., CAL.—School, 2 story and base, brick. Cost not stated. Architects, Glass & Butler, Fresno. Owners, City of Fresno. The building has been designed for a seven-room school with an assembly hall. Interior finish will be of pine throughout. Maple floors will be used in the class rooms. There will be steam heat, an oil burning plant and vacuum cleaning. Exterior of the building will be faced

with pressed brick. Plans will be completed shortly.

SEWERS, STREET WORK AND WATER SYSTEMS.

CALIFORNIA—Highway work. Cost not stated. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Plans have been completed for highway work in the following counties: Shasta, Tehama, Butte and Glenn. Bids for the work will be opened in Sacramento on June 8th. Plans and specifications can be secured from the State Highway Commission. An official proposal appears in another column of this issue.

SAN FRANCISCO—Paving bricks. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids are now being called for on furnishing the City and County with approximately 1,000,000 vitrified paving brick. Full particulars can be secured from the City Engineer, Temporary City Hall. An official proposal appears in another column of this issue.

UKIAH, MENDOCINO CO., CAL.—Highway construction. Cost not stated. Engineer, County Surveyor R. E. Donohoe, Ukiah. Owners, Mendocino County. Plans have been completed for constructing Section 1 of the proposed Navarro Grade, and figures on the work are now being called. Bids will be opened on June 2nd. Plans and specifications can be secured from the County Surveyor at Ukiah. An official proposal appears in another column of this issue.

STORES.

SAN FRANCISCO—Stores, 1 story, frame, \$10,000. Architect, A. J. Bain, Phelan Bldg., S. F. Owner, A. Gunzendorfer. The building will be erected at the southeast corner of Pillmore and Lombard streets and will have a frontage of 45 feet and a depth of 100 feet. There will be three stores. Interior will be finished in pine and redwood. Cement floors and patent store fronts are specified. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SACRAMENTO, CAL.—Conservatory, 1 story, steel and plaster. Cost not stated. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Plans have been completed for the construction of a new conservatory on the grounds of the State Capitol. Bids will be opened for the work on June 8th. On the same day bids will be opened for the superstructure work for a new greenhouse which will also be erected on the State Capitol Grounds. Plans and specifications for the work can be secured from the State Department of Engineering. An official proposal appears in another column of this issue.

BAKERSFIELD, KERN CO., CAL.—Office, 1 story and base. Class A construction. Cost not stated. Architect, T. B. Wiseman, Producers' National Bank Bldg., Bakersfield. Owners, H. J. Brandt and W. E. Underwood. The building will be erected at the corner of 16th and Chester streets, and will cover a large area. Construction will be fireproof with a complete steel

frame, reinforced walls, floors and roof slabs. There will be a number of stores on the first floor besides the entrance to the upper floors. Upper floors will be arranged for modern offices. Plans provide for steam heat, elevator service and a hot water supply. Interior finish will be of pine and hardwood. Metal window sash and frames are specified. Exterior of the building will be faced with pressed brick. Plans are being prepared.

Contracts Awarded.

SAN FRANCISCO.—A contract and lot, 6 story and base, brick and steel, \$50,000, Architect, Alfred Henry Jacobs, 114 Sutter street, S. F. Owner, Charles Schlesinger. Contractor, Ira W. Curn, Hearst Bldg., S. F. General construction only. Contract price, \$50,000.

THEATRES.

PALO ALTO, SANTA CLARA CO., CAL.—Theatre and stores, 1 story and base, brick and steel, \$15,000, Architect, J. Henry Boehrer, Delger Bldg., Oakland. Owners, Boardman Estate. The building will be erected on one of the principal corners of the city and has been designed to contain stores as well as a large motion picture theatre. Interior finish will be of pine. Construction will be fireproof throughout. There will be special electric wiring and patent store fronts. Exterior of the building will be faced with cement plaster. Plans are complete and the contract will be awarded on a percentage basis.

SEALED PROPOSALS.

PROPOSALS FOR CANAL SUPPLIES, PANAMA CIRCULAR 352.—Proposals for Door and Window Hardware for Family Quarters, Reinforcing Steel Bars, Railroad Track Scales, Altitude Gages, Lumber, Wheat, Bran, Cottonseed Hulls, Cottonseed Meal and Suerene Dairy Feed.—Sealed proposals will be received at the office of the general purchasing officer, Panama Canal, Washington, D. C. until **10:30 a. m. May 23, 1914**, at which time they will be opened in public for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 352) may be obtained from this office or the office of the assistant purchasing agent, 1036 North Point Street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities, Seattle, Wash., Los Angeles, Cal. E. C. BOGGS, major, corps engineers, U. S. A., general purchasing officer.

PROPOSALS FOR LIFT AND PUMP PLANT.

FREIGHT LIFT AND PUMP PLANT.—Treasury Department, Supervising Architect's Office Washington, D. C.—Sealed proposals will be received at this office until **3 p. m. June 15, 1914**, at which time they will be opened in public. Changes, hydraulic lift, pumping plant, etc., in the U. S. custom house, etc., at Astoria, Ore., in accordance with specification and drawings. Copies of which may be obtained at this office, at the discretion of the supervising architect, O. WENDEROOTH, supervising architect.

PROPOSALS FOR DOOR AND WINDOW SCREENS.

DOOR AND WINDOW SCREENS.—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until **May 23, 1914**, for installing door and window screens in the U. S. public building at La Grande, Ore. For further information address O. WENDEROOTH, supervising architect.

PROPOSALS FOR WATER MAIN. WATER MAIN.—Fort Warden, Wash.—Sealed proposals, in triplicate,

for furnishing and laying cast iron water main at Fort Casey, Wash., will be received until **May 23, 1914**, and then publicly opened. Information upon application to CONSTRUCTING QUARTERMASTER.

PROPOSALS FOR WATER SUPPLY. WATER SUPPLY.—Fort Stevens, Ore.—Sealed proposals, in triplicate, will be received until **June 1, 1914**, and then opened for constructing addition to water supply here. Information furnished on application. Envelopes containing proposals should be indorsed "Proposals for Addition to Water Supply" and addressed to QUARTERMASTER.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at **9:00 A. M. Tuesday, May 19, 1914**, for Spraying with Cold Water Paint, Education, Food Products, Liberal Arts, Agriculture, Manufactures and Various Industries Buildings, in accordance with plans and specifications on file in the office of the Director of Works.

For information in regard to this work apply to the Office of the Director of Works, Room 207, Service Building. By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER, Chairman. (*)

NOTICE TO CONTRACTORS.

NOTICE is hereby given that sealed bids will be received by the Board of Supervisors of the County of Colusa, State of California, at the office of the Clerk thereof, for electrical fixtures for the new Hall of Records as per plans and specifications on file in the office of the Clerk of the Board of Supervisors in the town of Colusa, Cal., or at the office of Henry C. Smith, the authorized architect 785 Market street, San Francisco, Cal.

Said bids will be received up to and including the **2nd day of June, 1914, at 2:30 o'clock p. m.** and shall be marked "Bids for Electric Fixtures." Each bid must be accompanied by a certified check in the sum of ten per cent (10 per cent) of the amount of the bid, and made payable to W. J. King, County Clerk of Colusa County. The Board reserves the right to reject any or all bids.

By order of the Board of Supervisors of Colusa County, California.

Dated May 13, 1914.

(Seal) W. J. KING,

Clerk of said Board.

NOTICE TO CONTRACTORS.

OFFICE OF THE CLERK OF THE

Board of Supervisors of Marin County. Sealed bids will be received by the Clerk of the Board of Supervisors of Marin County, at his office, at **1 o'clock p. m. on Tuesday, the 2nd day of June, 1914**, for macadamizing a portion of the County Road, known as the San Geronimo or Glenna Road, from the railroad crossing at Manor Station to the railroad crossing at Alderneys Station, a distance of 21,608 feet, in Road of District Nos. 2 and 6, Marin County, California, in strict accordance with the specifications on file in the office of the Clerk of said Board. To which bidders are hereby referred.

Each bid will state a price for the completion of all of the work in each one of the sections numbered 1, 2, and 3.

All bids must be accompanied by a certified check for the full amount of the amount bid, drawn on any responsible bank and made payable to the order of the Chairman of the Board of Supervisors of Marin County.

The said Board of Supervisors reserves the right to accept or reject the bid for macadamizing any one or more of the sections numbered one, two or three as specified.

ROB. E. GRAHAM
Clerk of the Board of Supervisors of Marin County.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at **9:00 A. M. Tuesday, May 19, 1914**, for Constructing the Live Stock Exhibit in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$25.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit a deposit of \$25.00 will forfeit the deposit of Twenty-five Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER, Chairman. (*)

NOTICE TO CONTRACTORS.

SEALED bids will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including **12 o'clock, noon, Monday, June 1, 1914**, for the purpose of being to be publicly opened and read for furnishing all material, except glass, for the Green House Superstructure of a building to be known as the New Conservatory, State Capitol Park, Sacramento, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidders' bond, or a certified check in the sum of ten per cent (10%) of the amount of the bid must accompany each bid.

A deposit of Five (\$5) Dollars will be required on plans and specifications, the deposit to be returned immediately on the award of the contract. Communications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope "Greenhouse Superstructure, State Capitol Park, Sacramento, California."

(Signed) W. F. MCCLURE,
State Engineer.

NOTICE TO CONTRACTORS.

SEALED bids will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including **12 o'clock, noon, Monday, June 8, 1914**, said bids then and there to be publicly opened and read

W. R. BRODE, Pres. LOUIS R. HOLM, Sec. R. J. BRODE, Vice-Pres.

BRODE IRON WORKS

Established 1886—Incorporated 1913
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for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the New Conservatory, State Capitol Park, Sacramento, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. A Cash bidder's bond, for a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Five (\$5.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope "Proposal for New Conservatory, State Capitol Park, Sacramento, California."

(Signed) W. F. McCLURE,
State Engineer.

NOTICE TO CONTRACTORS.

NOTICE is hereby given that sealed bids will be received by the Board of Trustees of Redwood City School District up to the hour of 8 o'clock p. m. on Thursday, May 28, 1914, for installing a toilet system in the Redwood City Grammar School, per plans and specifications on file in the office of the Principal of the school, where same may be inspected.

The bids must be addressed to the Clerk of said Board of Trustees at Redwood City, and each bid must be accompanied by a certified check on some reliable bank in a sum equal to at least 10 per cent of bid, made payable to the undersigned Clerk of said Board of Trustees, same to be forfeited if the Redwood City School District as liquidated damages in case the party to whom the contract shall be awarded shall fail, neglect or refuse to execute and file, within ten days after the award of said contract, a bond to be approved by the President of said Board, in an amount not exceeding the contract price, or to enter into a written contract with said Board in accordance with said plans and specifications and the bid.

All bids from contractors must specify the time for completion of the said work.

The right is reserved to reject any and all bids. H. STEINBERGER,
Clerk of the Board of Trustees of Redwood City School District.

NOTICE TO CONTRACTORS.

PURSUANT to an order of the Board of Supervisors of Fresno County, California, duly made and entered in its minutes of the 13th day of May, 1914, notice is hereby given that the said Board will receive up to 2 o'clock p. m. of the day of Tuesday, June 2, 1914, sealed proposals for the construction of a run room and bath room together with necessary remodeling and other work necessary thereto, at the County Orphanage, of said county, all according to plans and specifications on file in the office of the Clerk of the Board of Supervisors of said County.

Bids must be addressed to the Clerk of the Board of Supervisors, and must be accompanied by a certified check in the sum of ten (10) per cent of the amount of the bid, made payable to the Chairman of the Board, as a guar-

antee that the successful bidder will, within ten days after the acceptance of his bid, enter into a contract with the County of Fresno according to said plans and specifications, and give sufficient bonds as required by law and orders of the Board of Supervisors, conditioned upon the faithful performance of the terms of said contract.

The Board reserves the right to reject any or all bids.

Dated this 31st day of May, 1914.
(Seal) D. M. BARNWELL, Clerk.

STATE OF CALIFORNIA.

DEPARTMENT OF ENGINEERING.

CALIFORNIA HIGHWAY COMMISSION.

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Bldg., Sacramento, Cal., until the time hereinafter noted, at which time they will be publicly opened and read for construction in accordance with the specifications therefor, to which special reference is made, portions of State highways as follows:

Until 11 o'clock A. M. June 30, 1914.
Shasta County from La Moine to Hazel Creek P. O. (11-Sha-3-D), about 9.5 miles in length, to be built of Portland cement concrete.

Tehama County from the southerly boundary to Corning (11-Teh-7-A), about 8.5 miles in length, to be built of Portland cement concrete.

Butte County from Lindo Channel to the northerly boundary (11-But-3-D), about 11.2 miles in length, to be built of Portland cement concrete.

Glenn County from Grapit to the northerly boundary (11-Gle-7-C), about 7 miles in length, to be built of Portland cement concrete.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained, at the said office, and they may be seen at the offices of the Division Engineers of the divisions in which the work is situated. The Division Engineers' offices are located at Willits, Dunnsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL D. STARLINGTON,
CHARLES F. STEIN,
California Highway Commission.
AUSTIN R. FLETCHER,
Highway Engineer.
WILSON R. ELLIS,
Secretary.

Dated: May 5, 1914.

NOTICE TO BIDDERS.

NOTICE is hereby given that the Clerk of the Board of Supervisors will receive at his office at Ukiah, California, up to 2:30 p. m. of Tuesday, June 2nd, 1914, sealed bids for the construction of Section 1 of the proposed Navarro Grade, as surveyed by R. E. Donahoe.

Maps, plans and specifications for this work are on file in the office of the above named clerk, to which all bidders are hereby referred.

Bids must be sealed and accompanied by a certified check or deposit in cash in the sum of ten per cent of the amount of the bid.

The work is to be completed on or before September 1st, 1914. The suc-

cessful bidder will be required to give a bond in half the total of the work, and another bond in the same amount for the protection of material men and workmen employed on the contract. The Board reserves the right to reject any and all bids.

A. J. FAIRBANKS,
Chairman of Board of Supervisors.

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal., May 8, 1914.—SEALED PROPOSALS, in triplicate, for constructing a Crematorium at the Presidio of San Francisco, Cal., will be received here until 11 A. M. May 22, 1914, and then opened. Plans, specifications, blank forms, etc., can be obtained here. Deposit of \$10.00 required to insure return of plans, etc. Proposals to be enclosed in sealed envelopes and addressed LIBUT. COL. GEO. MEK. WILLIAMSON, Q. M. C. (*)

NOTICE TO CONTRACTORS.

CALL FOR BIDS FOR ILLINOIS BUILDING AT THE PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS for the construction of the Illinois State Building at the Panama-Pacific International Exposition at San Francisco, Cal., will be received by the Illinois Commission to the Panama-Pacific International Exposition up to two (2) o'clock P. M. (Central Time) on June 5th (4th), 1914, at the office of James H. Dibelka, State Architect, Illinois, 29 North LaSalle Street, Chicago, Ill., and there and then publicly opened.

Plans and specifications may be obtained by applying to the office of Guy Cramer, Room 302, Lachman Bldg., 417 Market Street, San Francisco. A deposit of fifteen (\$15) dollars will be required for the return of plans and specifications.

All bids must be accompanied by certified check, payable to Samuel Wood, Jr., Treasurer, in the amount of 3% (three per cent) of the amount of the estimate.

The Commission reserves the right to reject any or all proposals.

J. G. OGLESBY,
Secretary, Illinois Commission to the Panama-Pacific International Exposition.

NOTICE TO BIDDERS.

NOTICE is hereby given that the High School Board of Education of the City of Sacramento will receive sealed bids for the erecting of the Manual Arts Department of the Sacramento High School. Bidders for this equipment can obtain specifications for the same at the office of the Secretary of the High School Board of Education, Room 300, City Hall, Sacramento, California.

The equipment shall be delivered at the High School Building in Sacramento within ten days of the awarding of the contract.

A certified check in the sum of ten (10) per cent of the amount of the bid must accompany the bid, which will be forfeited to the Board should a bidder fail to comply with his bid if required to do so by the Board. All bids must be filed with the Secretary of the High School Board of Education, Room 300, City Hall, Sacramento, not later than 10:30 a. m. Friday, May 22nd, 1914. The High School Board of Education reserves the right to reject any and all bids.

CHAS. C. HUGHES,
Secretary High School Board of Education.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., May 4, 1914.—SEALED PROPOSALS for the construction of the United States Custom House at San Francisco, until 3 o'clock P. M. June 10, 1914, and then opened, for furnishing and installing lighting fixtures in the United States Custom House at San Francisco, Cal., in accordance with the specifications and drawings enumerated therein, copies of which may be obtained at

this office, at the discretion of the Supervising Architect, O. WENDEROTH, Supervising Architect. (*)

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., May 2, 1914.—SEALED PROPOSALS will be opened in this office at 3 P. M., June 18, 1914, for the construction of complete (including mechanical equipment, interior lighting fixtures and approaches) of the United States post office at Hanford, Cal. The building is one-story, with a mezzanine and basement, with a ground area of approximately 4,615 square feet; stone stucco, and terra cotta facing; complete position and the roof; first floor of fireproof construction. Drawings and specifications may be obtained from the custodian of site at Hanford, Cal. This office, in the discretion of the Supervising Architect, O. WENDEROTH, Supervising Architect. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Thursday, June 4th, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of buildings to be known as the **Deer Building, Stockton State Hospital, Stockton, California**, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California. Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Dairy Buildings, Stockton State Hospital, Stockton, California."

(Signed) W. F. MCCLURE,
State Engineer. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Wednesday, June 3, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of buildings to be known as the **Dairy Buildings at the Napa State Hospital, Napa, California**, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the

envelope: "Proposal for Dairy Buildings, at the Napa State Hospital, Napa, California."

(Signed) W. F. MCCLURE,
State Engineer. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Monday, June 1, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of new Gas Holder, Framing and Tank for same for the Mendocino State Hospital, Ukiah, California, in accordance with the specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Two (\$2.00) Dollars will be required on the specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Gas Holder, etc., Mendocino State Hospital, Ukiah, California."

(Signed) W. F. MCCLURE,
State Engineer. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Tuesday, June 2, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the **Thornbury Building, Industrial Home for Adult Blind, Oakland, California**, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the

envelope: "Proposal for Thornbury Building, Industrial Home for Adult Blind, Oakland, California."

(Signed) W. F. MCCLURE,
State Engineer. (*)

PROPOSALS FOR CONSTRUCTING DREDGE.

DREDGE—Sealed proposals for constructing the steel sea-going hydraulic hopper dredge San Pablo will be received in this office until 11 o'clock a. m., June 18, 1914, and will be publicly opened. Information on application. THOMAS H. REES, Lieutenant colonel engineers, custom house, San Francisco.

STATE OF CALIFORNIA.

DEPARTMENT OF ENGINEERING. CALIFORNIA HIGHWAY COMMISSION.

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Bldg., Sacramento, Cal., until the times hereinafter noted, at which times they will be publicly opened and read, for construction in accordance with the specifications, to which special reference is made, portions of State highway as follows:

Call of 12 o'clock A. M., May 25, 1914.
Tulare County, from Red Bluff to the Northern Boundary (11-Teb-3-C), about 13.7 miles in length, to be built of Portland cement concrete.

Solano County, from Buena Vista to point 2 1/2 miles south of Cordelia (11-Sol-7-A), about 9.0 miles in length, to be built of Portland cement concrete.

Marin County, from Larkspur to Sausalito (IV-Mrn-1B), about 1.0 miles in length, to be graded and part surface paved.

Santa Clara County, from Gilroy to Sargent (IV-S, Cl-2-C), about 6.0 miles in length, to be built of Portland cement concrete.

Kern County, from Sections 5 and 6, T. 32 S., R. 28 E., M.D.B.M. to Bakersfield (VI-Ker-4-C), about 13.0 miles in length, to be built of Portland cement concrete.

Butte 2 o'clock P. M., May 25, 1914.
Tulumboldt County, from Dyerhill to Shively (11-Hut-1-A), about 7.3 miles in length, to be graded.

Colusa County, from Hershey to Berlin (11-Hol-7-A), about 10.8 miles in length, to be built of Portland cement concrete.

Solano County, from Fairfield to Vacaville (VI-Hut-7-C), about 8.8 miles in length, to be built of Portland cement concrete.

Tulare County, from Tulare to Tagus (VI-Tul-1-C), about 4.3 miles in length, to be built of Portland cement concrete.

Los Angeles County, from Liebre Mountain to the Northern Boundary (VII-L, A-4-D), about 12.7 miles in length, to be built of Portland cement concrete.

Plans may be seen, and forms of proposals, bonds, contracts, and specifications may be obtained at the said office and they may be seen at the offices of the District Engineers of the divisions in which the work is situated. The Division Engineers' offices are located at Williams, Redding, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made in blank form furnished by the Commission. The special attention of prospective bidders is called to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

CHARLES D. BLANEY,
WILLIAM H. HIGHTON,
CHARLES F. STEIN,
California Highway Commission.

AUSTIN B. FLETCHER,
WILSON R. ELLIS,
Secretary. (*)

Dated April 22, 1914.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., April 28, 1914.—SEALED PROPOSALS will be opened in this office at 3 P. M., on June 9, 1914, for the construction (including mechanical equipment, lighting fixtures and approaches) of a one-story rear extension, one and one-half brick-faced building of 6,000 square feet ground area; nonfireproof construction (except first floor); composition roof; and tile roof for the post office at Chico, Cal. Drawings and specifications may be obtained from the custodian at Chico, Cal., or at this office, in the discretion of the Supervising Architect, O. WENDEROTH, Supervising Architect. (*)

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT. Supervising Architect's Office, Washington, D. C., April 24, 1914.—**SEALED PROPOSALS** will be opened in this office at **3 P. M., June 1, 1914**, for the construction complete (including mechanical equipment, interior lighting fixtures, and approaches) of the United States post office at Brigham City, Utah. Two-story building; ground area, 3,760 square feet; first floor fireproof; stone and brick facing; composition roof. Drawings and specifications may be obtained from the custodian of site at Brigham City, Utah, or at this office, in the discretion of the Supervising Architect, O. WENDERTH, Supervising Architect. (*)

PROPOSALS FOR BOILERS, OIL BURNERS, ETC.

BOILERS, OIL BURNERS, ETC.—Sealed proposals, indorsed "Proposals for Heating Plant, Boilers, and Accessories," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m., May 23, 1914**, and then and there publicly opened for furnishing and installing boilers, oil burners, piping, etc., in the heating plant at the naval hospital, U. S. navy yard, Mare Island, Cal. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard named. H. R. STANFORD, chief of bureau.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE—2 story and base, frame, \$7,990. San Francisco, Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, Mr. Jenkins. The dwelling has been designed for an eight-room house and will be erected in Marine View Terrace on 44th avenue. Interior of the house will be finished in pine and hardwood with some white enamel. There will be furnace heat and open fire places. Mantels will be of tile and brick. Hardwood floors will be used in all of the principal rooms. Plans provide for two baths which will be finished in tile and will have composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$4,000. San Francisco, Architect, none. Owner, James Welsh, 244 20th avenue, S. F. The dwelling will be erected on the east side of 22nd avenue south of Lake street, and has been designed to contain seven rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room. Mantel will be of tile. The wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco, Architect, none. Owner, E. Nelson, 30 Presidio avenue, S. F. The dwelling will be erected on the east side of 16th avenue north of California in a district in which Mr. Nelson has operated extensively. The house will contain seven rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$25,000. San Francisco, Architect, Frederick H. Meyer, Bank

ers' Investment Bldg., S. F. Owner, Mrs. Bertha Overfeld. The building will be erected at the corner of Fillmore and Green streets, and will cover a considerable ground area. Interior has been arranged for a number of three and four room suites, all of which will have private baths and wall beds. Interior finish will be of pine and hardwood veneer. There will be steam heat, portable vacuum cleaners and a hot water system. Bath rooms will be finished in tile and will have composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. A pressed brick veneer base will be used. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco, Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Herman Hogrefe. The building will be erected on the west side of Hyde street north of Pine, having a frontage of 25 feet and a depth of 64 feet. There will be a total of six suites arranged in two and three room with private baths and wall beds. Interior finish will be of pine and redwood. Hardwood floors will be used in the living rooms. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior will be covered with cement plaster on metal lath and ship-lap. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

APARTMENT HOUSE—3 story and base, brick and steel, \$69,500. San Francisco, Architect, Herman Barth, 12 Geary street, S. F. Owners, Katz Estate. The building will be erected at the northwest corner of California and Hyde streets, covering an area of 87 feet 4 inches by 75 feet 8 inches. There will be 36 apartments of two and three rooms and a store. Interior finish will be of pine and elm. Hardwood floors will be used in the halls and living rooms. Plans provide for steam heat, elevator service, a hot water supply and vacuum cleaning plant. Bath rooms will have tile wainscot and composition floors. All suites will be equipped with wall beds and will have private bath rooms. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are

complete and figures are being taken.

CONCESSION BUILDING—1 story, frame and plaster. Cost not stated. San Francisco. Architect, Carl Werner, Phelan Bldg., S. F. Owners, The Neptune Amusement Co. The work will include a large swimming tank besides many unique features. There will also be a large auditorium with a seating capacity of 1,000 people. Interior will be finished in plaster. Special mechanical equipment will be required. Exterior of the building will be faced with cement plaster on metal lath. Plans are complete and figures are now being taken.

LIVE STOCK BUILDING—1 story, frame and plaster. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans have been completed for the main Live Stock Exhibit building to be erected on the Exposition grounds. Bids are now being taken by the Buildings and Grounds Committee of the Exposition Co. Plans can be secured from the office of the Director of Works. An official proposal appears in another column of this issue. Bids will be opened on May 21.

SPRAYING EXHIBITION PALACES WITH COLD WATER PAINT—Cost not stated. San Francisco, Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on May 19th for spraying the principal exhibition palaces on the grounds with cold water paint. All particulars can be secured from the office of the Director of Works, Service Bldg. An official proposal appears in another column of this issue.

STATE EXHIBIT BUILDING—2 story, frame and plaster, \$55,000. San Francisco. Architect's name not given. Owners, State of Massachusetts. Bids opened for this work show W. D. Henderson of San Francisco low at \$52,978. A complete list of these figures will be found under the heading of San Francisco in this issue.

APARTMENT HOUSE—5 story and base, brick and steel. Cost not stated. San Francisco, Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Metropolis Investment Co. The building will be erected at the northwest corner of Sacramento and Hyde streets, covering a considerable ground area. Interior has been arranged for a total of nine suites of five rooms and bath each. Interior finish will be of pine and hardwood veneer with oak floors in the principal rooms. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Entrance will be finished in tile and marble. All bath rooms will have the wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are being prepared.

STABLE BUILDINGS—5, 1 story and basement, brick or reinforced concrete. Cost not stated. San Francisco. Architect, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Bids were opened in the office of the Constructing Quartermaster at Fort Mason for the construction of five large stable buildings to be erected at the Presidio. Bids were asked for brick and reinforced concrete types of construction and with unit prices. The Constructing Quartermaster's office had not

completed the tabulation and a complete list of the bids is not available. Frank M. Garden Co. were reported as being low.

GARBAGE CREMATORY—Brick construction. Cost not stated. San Francisco. Engineer, Constructing Quartermaster's Office, Fort Mason, Owners, United States Government. Plans have been completed and figures are now being called for on the construction of a new garbage crematory at the Presidio. Plans and complete particulars can be secured from the engineer at Fort Mason. Bids will be opened on May 22nd. An official proposal appears in another column of this issue.

HOSPITAL SCREENS—Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids were opened at the last meeting of the Board of Public Works for furnishing and installing window screens at the San Francisco City Hospital. McSheehy Bros. were the low men. A complete list of the bids appears under the heading of San Francisco.

HIGHWAY WORK—Cost not stated. California. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Plans have been completed for highway work in the following counties: Shasta, Tehama, Butte, and Glenn. Bids for the work will be opened in Sacramento on June 8th. Plans and specifications can be secured from the State Highway Commission. An official proposal appears in another column of this issue.

PAVING BRICKS—Cost not stated. San Francisco. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids are now being called for on furnishing the city and county with approximately 1,000,000 vitrified paving bricks. Full particulars can be secured from the City Engineer, Temporary City Hall. An official proposal appears in another column of this issue.

RAILROAD CONSTRUCTION—\$30,000. San Francisco. Engineer, Constructing Quartermaster's Office, Fort Mason, Owners, United States Government. Plans are now being completed for the construction of a railroad connecting the Fort Mason tunnel with the Transport Docks. Specifications are now in the hands of the printer and bids will be called for within a few days. An official proposal will appear in this issue. The work will require 114-pound rails, 127-pound guard rails, redwood ties and rock ballast.

RESIDENCE—2 story and base, frame. Cost not stated. San Francisco. Architect, Harvey Partridge Smith, Blake Bldg., Oakland. Owner, Mr. Marks. The dwelling will be erected in West Clay Park and has been designed for a seven-room house with two baths and a sleeping porch. Interior finish will be of pine and hardwood. Hardwood and inlaid floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick or tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered

with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$3,400. San Francisco. Architect, none. Owner, M. F. Nolan, 228 Noe street, S. F. The dwelling will be erected on the east side of 22nd avenue, and has been designed to contain six rooms and bath. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be open fire places and furnace heat. Mantels will be of tile of brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are being purchased.

RESIDENCE—2 story and base, frame, alterations and additions, \$12,000. San Francisco. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, Dr. Herbert Moffitt. This work will be carried out at the residence located on the north side of Broadway east of Octavia, and will consist of extensive interior finish, mill work, plumbing, plastering, painting and electric work. A new system of heating will also be installed. Exterior of the present building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

POWER STATION—1 story and base, reinforced concrete, \$30,000. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Pacific Gas and Electric Co. The building will be erected on the south side of Commercial street east of Montgomery, covering an area of 49 feet 9 inches by 59 1/2 feet. Construction will be fireproof with reinforced concrete walls, floors and roof slabs. Interior will be finished in pine and metal. Metal window sash and frames and fireproof doors will be used. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

STORE—1 story, frame, \$10,000. San Francisco. Architect, A. J. Bain, Phelan Bldg., S. F. Owner, A. Gunzen-dorfer. The building will be erected at the southeast corner of Fillmore and Lombard streets, and will have a frontage of 45 feet and a depth of 100 feet. There will be three stores. Interiors will be finished in pine and redwood. Cement floors and patent store fronts are specified. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

Contracts Awarded.

RESIDENCE—2 story and base, frame, \$3,500. San Francisco. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, Hugo Arrigoni. Contractors, Ratto & Giannini, S. F. Contract price, \$3,500.

APARTMENT HOUSE—3 story and base, frame, \$15,800. San Francisco. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, E. J. Keller. Contractor, Charles Cohn, 4030 24th street, S. F. Contract price, \$15,800.

STORES AND LOFTS—6 story and base, brick and steel, \$50,000. San Francisco. Architect, Alfred Henry Jacobs,

110 Sutter street, S. F. Owner, Charles Schlesinger. Contractor, Ira W. Cohn, Hearst Bldg., S. F., general construction only. Contract price, \$50,000.

Massachusetts Bids As Opened In Boston.

W. D. Henderson Low and Will Probably Be Awarded Contract For State Exhibit Building.

(By Special Wire.)

BOSTON, Mass., May 11, 1914—Twelve sets of bids were opened by the Panama-Pacific Managers for the State of Massachusetts for the construction of the building to be erected at the 1915 Exposition in San Francisco. W. D. Henderson presented the low figure at \$52,978 with Dunnavent, Houghton-Van Sant Co. second low at \$53,933. From this amount the figures ran as high as \$76,848. W. D. Henderson will probably be awarded the contract. A complete list of the figures follows:

Massachusetts State Building.

W. D. Henderson.....	\$52,978
Dunnavent, Houghton-Van Sant Co.	53,932
James L. Brown.....	54,800
Charles Wright.....	54,800
Val Franz & Fred P. Fisher.....	57,613
Foster-Vogt Co.....	59,897
L. A. Williams & Co.....	60,126
Northwest Constr. Co.....	61,421
Lange & Bergstrom.....	61,500
Carnahan & Mulford.....	64,987
James L. McLaughlin.....	67,000
John Monk.....	76,818

City Bids Opened.

Seven Bids opened By Board of Public Works For Furnishing The San Francisco Hospital.

Bids were opened at the Wednesday afternoon meeting of the Board of Public Works for furnishing and installing window screens at the San Francisco Hospital group. McSheehy Bros. were low on proposition No. 2 at \$11,337 and C. Jorgenson Co. were low on proposition No. 1 at \$15,700. A complete list of the bids follows:

Window Screens, S. F. Hospital.

Wm. Bateman.....	\$.....	\$15,000
HypollitoScreen&DoorCo.....	17,500	
Spencer St. Planning Mill.....	11,800	
J. A. Murray.....	19,146	15,745
McSheehy Bros.....	11,337	
Monarch Iron Works.....	21,400	13,400
C. Jorgenson Co.....	15,700	

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Am't.
1637	Michels.....	McCausland	1350
1638	McCloskey.....	Thunberg	7250
1639	Photograph Co.....	Cobby	6595
1640	Debenedetti.....	Kissel	1545
1641	Same.....	Ravani	5598
1642	Same.....	Prevla	3540
1643	Cary.....	Grant	3956
1644	Same.....	Gilley	1009
1645	Same.....	Ernst	1346
1646	Fleeman's Fund.....	Snook	2112
1647	Same.....	Holloway	1500
1648	Same.....	Fuller	2500
1649	Same.....	Berger	815
1650	Scoble.....	Scoble	5000
1651	Emporium.....	O'Neill	400
1652	Mason.....	Ulech	400

1623	Levin	Salomon	400
1624	Hogrefe	Hogrefe	9900
1625	Burnstein	Schelski	850
1626	Merhoff	Merhoff	450
1627	Prior Estate	Black	1000
1628	Nelson	Nelson	2500
1629	Keenan	Keenan	4000
1630	Same	Same	4000
1631	Same	Same	4000
1632	Welsh	Welsh	4000
1633	Hamill	Hamill	2700
1634	Same	Same	2800
1635	Bennett	Quirish	1500
1636	Pacific Co	Braas	1850
1637	Drexler	Wendering	9050
1638	Same	Lawson	1313
1639	Borabino	Borabino	1000
1640	Moore	Hansen	1000
1641	Robson	Sattler	1050
1642	Sandona	Sandona	400
1643	Rufflex	Levy	400
1644	Werner	Cuneo	500
1645	Welbel	Magel	400
1646	Pritchard	McDonald	400
1647	Helgesen	Helgesen	400
1648	Jurisch	Montgomery	6710
1649	Gallagher	Duarte	12835
1650	Whenderson	Whenderson	64500
1651	Ghirardelli	Larsen	14700
1652	Kelleher	Carlson	1830
1653	Bjors	Bjors	1500
1654	Same	Same	1500
1655	Nelson	Nelson	1500
1656	Same	Same	1500
1657	Sidiger	Sidiger	1000
1658	Fiscella	Fiscella	1000
1659	Mahoney	Harwood	500
1660	Lynch	Lynch	1000
1661	Van Lack	Gould	475
1662	Herzog	Herzog	400
1663	Rolkia	Zimmerman	1000
1664	Dowd	Russell	400
1665	Quimby	Quimby	3500
1666	Fireman's Fund	Mo	1500
1667	Same	Rudger	14500
1668	Am Steel	S F Bridge	3865
1669	Campana	De Martini	8245
1670	Gartland	W F Furnace	7518
1671	Same	Gen Elec	2690
1672	Di Grazia	Dieguarid	3260
1673	Korby	Kirby	3000
1674	Same	Same	2000
1675	Bennett	Quish	400
1676	McDonald	Persson	410
1677	Ridiger	Doake	300
1678	Nolan	Nolan	3160
1679	Riordan	Divonolo	500
1680	Seibel	Seibel	500
1681	Ehrenfort	Ehrenfort	500
1682	Kruger	Peterson	600
1683	Curtis	Moller	525
1684	Carroll	Carroll	950
1685	Carlson	Truitt	500
1686	Schlessinger	Forbes	7800

(1637) W FORTIETH AVE 175 S
Lincoln Way 25x120. All work for 1-
story and basement frame building.
Owner.....Peter Michels, 1095 Fell,
San Francisco.
Architect.....None.
Contractor.....Geo. V. McCausland, 4173
23rd, San Francisco.
Filed May 11, '14. Dated May 8, '14.
Frame up and rafters in place. \$337.50
Brown coated and rough plumb-
ing in 337.50
Completed and accepted..... 337.50
Usual 35 days..... 337.50
TOTAL COST, \$1350.00
Bond, \$675. Sureties, E. A. Hoadley and
F. A. McCausland. Limit, 60 days after
May 11. Forfeit, none. Plans and
specifications filed.

(1628) N PAGE 131-3 W Pierce 25x
137-6. All work for three-story frame
flat.
Owner.....Margaret McCloskey, 245
Pierce, San Francisco.
Architect.....None.
Contractor.....Oscar W. Thunberg, 678
9th Ave, San Francisco.
Filed May 11, '14. Dated May 11, '14.
Frame up \$1812.50
Brown coated 1812.50
Completed and accepted..... 1812.50
Usual 35 days..... 1812.50
TOTAL COST, \$7250.00
Bond, none. Limit, 120 days. Forfeit,
\$2. Plans and specifications filed.

(1639) S GEARY, bet. Stockton and
Powell; Nos. 235-237 Geary. Altera-
tions of store in J. M. Rothchild
Building for Babson Bros.
Owner.....The Phonograph Co. of S.
F., Inc.
Architect.....Walter H. Butcliff Jr., 1st
National Bank Bldg., S. F.
Contractor.....J. W. Cobby, 189 Jessie,
San Francisco.
Filed May 11, '14. Dated May 9, '14.
On 15th of June a payments equal
to 75% of all work done.....
Completed and accepted a sum
such as to leave remaining due
..... 25%
Usual 35 days..... 25%
TOTAL COST, \$6595
Bond, none. Limit, June 25. Forfeit,
\$20. Bonus, \$20 per day. Plans and
specifications filed.

(1640) SE POWELL AND UNION E
124-84 SE 19-11 1/2, S 122-1 1/2 W 137-6
N 137-6. Painting, varnishing, tint-
ing and papering for three-story and
basement Class "C" apartments.
Owner.....Rose F. Dehendetti, Re-
gina A. Cuneo, May L.
Cuneo and Irene B. Cuneo,
San Mateo, Cal.
Architect.....Havens & Tnepk, 46
Kearny, San Francisco.
Contractor.....R. Kissel, 1723 Polk,
San Francisco.
Filed May 11, '14. Dated Apr. 24, '14.
Outside 1st coated and inside finish
stained and shellaced.....\$570
Completed and accepted..... 375
Usual 35 days..... 400
TOTAL COST, \$1545
Bond, \$800. Surety, Massachusetts
Bonding & Insurance Co. Limit, as
fast as required. Forfeit, \$15. Plans
and specifications filed.

(1641) PLUMBING, SEWERING, GAS
fitting, steam heating and domestic
hot water heating on above.
Contractor.....Ravani Plumbing Co., 50
Auburn, San Francisco.
Filed May 11, '14. Dated Apr. 27, '14.
Roughed in \$700
Completed and accepted..... 2198
Usual 35 days..... 1400
TOTAL COST, \$5598
Bond, \$2800. Sureties, J. H. Wright and
Chas. Laufer. Limit, as fast as re-
quired. Forfeit, \$15. Plans and speci-
fications filed.

(1642) EXCAVATING. CONCRETE,
brick, carpenter, mill, latb, plaster,
sheet metal, electric wiring, hard-
ware, roofing, etc., on above.
Contractor.....G. Trevia & G. B. Pa-
qualetti, 748 Union, S. F.
Filed May 11, '14. Dated Apr. 27, '14.
Foundations in and walls up to
1st story \$3000
Brick work completed & roof on 7000
1st coat plaster on 6000
Sash hung, standing finish up. 5500
Completed and accepted..... 5146
Usual 35 days..... 8894
TOTAL COST, \$35,540
Bond, \$17,800. Sureties, Angelo V.
Garassino and Giuseppe Garassino.
Limit, 130 days. Forfeit, \$15. Plans
and specifications filed.

(1643) N PAGE 100 E Fillmore 44x125.
Carpentry for alterations and addi-
tions to three-story frame building.
Owner.....Margaret T. and Annie M.
Cary.
Architect.....None.

Contractor.....Lincoln U. Grant, 37th Ave
and Lincoln Way, S. F.
Filed May 11, '14. Dated May 4, '14.
Work up to 1st story joists.....\$741.50
New roof on 741.50
Brown coated 741.50
Completed 741.50
Usual 35 days..... 990.00
TOTAL COST, \$3956.00

(1644) HEATING WORK ON ABOVE.
Contractor.....Gilley-Schmid Co., 198
Otis, San Francisco.
Filed May 11, '14. Dated May 4, '14.
Roughed in \$375
Completed and accepted..... 375
Usual 35 days..... 250
TOTAL COST, \$1000
Bond, \$500. Surety, Fidelity & De-
posit Co. of Maryland. Limit, without
delay. Forfeit, none. Plans and speci-
fications filed.

(1645) PLUMBING ON ABOVE.
Contractor.....Henry Ernst & Sons, 633
Hayes, San Francisco.
Filed May 11, '14. Dated May 4, '14.
Roughed in \$495
Completed and accepted..... 495
Usual 35 days..... 330
TOTAL COST, \$1320
Bond, \$750. Sureties, Geo. W. Springer
and E. S. Nolan. Limit, without delay.
Forfeit, none. Plans and specifications
filed.

(1646) SE CALIFORNIA & SANSOME
W 87-8xS 87-6. Plumbing, water
supply and setting of plumbing fix-
tures for brick, terra cotta and steel
building.
Owner.....Fireman's Fund Insurance
Co., Insurance Ex. Bldg.,
San Francisco.
Architect.....Lewis P. Hobart, Crocker
Bldg., San Francisco.
Contractor.....F. W. Snook Co., 596 Clay,
San Francisco.

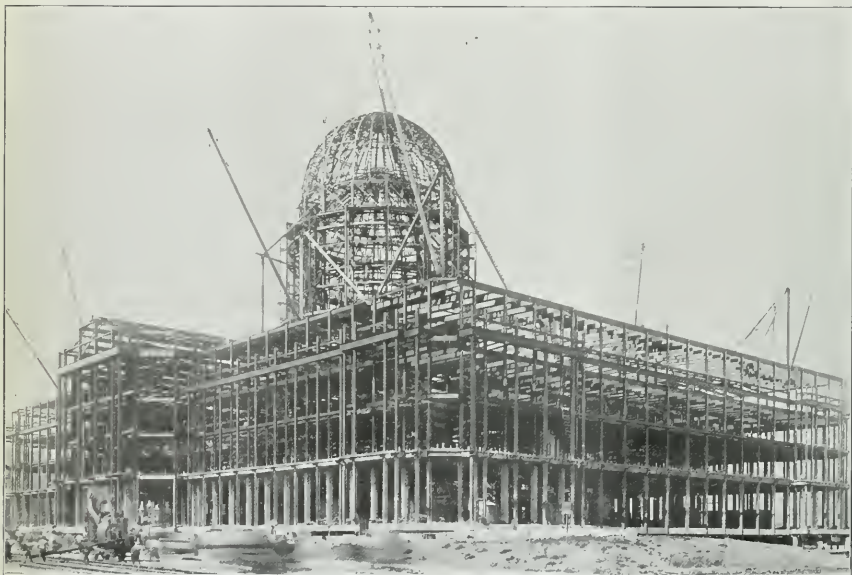
Filed May 11, '14. Dated May 2, '14.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$2112
Bond, \$1056. Surety, The Aetna Acci-
dent & Liability Co. Limit, rapidly as
fireproofing progresses. Forfeit, none.
Plans and specifications filed.

(1647) METAL FURRING AND LATH-
ing on above.
Contractor.....Holloway Expanded Metal
Co., Monadnock Bldg., S. F.
Filed May 11, '14. Dated May 2, '14.
Payments same as above.....
TOTAL COST, \$1500
Bond, \$750. Surety, Pacific Coast
Casualty Co. Limit, Sept. 21. Forfeit,
\$10. Plans and specifications filed.

(1648) GLAZING ON ABOVE.
Contractor.....W. P. Fuller & Co., Beale
and Mission, S. F.
Filed May 11, '14. Dated May 2, '14.
Payments same as above.....
TOTAL COST, \$2560
Bond, \$1250. Sureties, Frank W. and
Geo. P. Fuller. Limit, Dec. 1. Forfeit,
\$15. Plans and specifications filed.

(1649) SIDEWALK LIGHTS ON
above.
Contractor.....Berger Mfg. Co., 1120
Mission, San Francisco.
Filed May 11, '14. Dated May 2, '14.

- Payments same as above.
- TOTAL COST, \$815**
Bond, \$410. Surety, Aetna Accident & Liability Co. Limit, Nov. 1. Forfeit, none. Plans and specifications filed.
- (1650) E NINTH AVE 100 S Balboa. Two-story and basement frame (2) flats.
Owner.....Thos. Seoble, 363 14th Ave., San Francisco.
Architect...E. E. Young, 251 Kearny, San Francisco.
Day's work. **COST, \$5000**
- (1651) MARKET off Powell. Lay wood floor and erect wooden pergola owner.....The Emporium, Premises.
Architect...None.
Contractor, Daniel O'Neill, 278 Natoma, San Francisco.
COST, \$400
- (1652) NOS. 117-119 EDDY. Repair interior.
Owner.....Mason Improvement Co., Humboldt Bank Bldg., S. F.
Architect...None.
Contractor, T. H. Ulech, 1157 Mission, San Francisco.
COST, \$400
- (1653) No. 638 MARKET. Alter front Owner.....A. and J. Levin, Premises.
Architect...None.
Contractor, L. Salomon, 1303 Ellis, San Francisco.
COST, \$400
- (1654) W HYDE 37-6 N Pine. Three-story and basement frame (6) flats.
Owner.....Herman Högrefe, 1135 Hyde, San Francisco.
Architect...E. E. Young, 251 Kearny, San Francisco.
Day's work. **COST, \$3000**
- (1655) N HALE 350 S Barneveld. One-story and basement frame dwlg.
Owner.....Rose Burnstein, 173 Sanchez, San Francisco.
Architect...None.
Contractor, David Scheffski, 22 Arieta Ave., San Francisco.
COST, \$350
- (1656) NO. 42 THERESA. One-story and basement frame dwelling.
Owner.....John C. Merhoff, Premises.
Architect...None.
Day's work. **COST, \$450**
- (1657) No. 110 EDDY. Alter front.
Owner.....Prior Estate, 782 San Jose Ave., San Francisco.
Architect...None.
Contractor, T. H. Meek Co., 1157 Mission, San Francisco.
COST, \$500
- (1658) E SIXTEENTH AVE 225 N California. Two-story and basement frame dwelling.
Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.
Architect...None.
Day's work. **COST, \$2500**
- (1659) W EIGHTEENTH AVE 197 N California. Two-story and basement frame flats.
Owner.....C. J. & W. J. Keenan, 300 Webster, San Francisco.
Architect...None.
Day's work. **COST, \$1000**
- (1660) W EIGHTEENTH AVE 147 N California. Two-story and basement frame flats.
Owner.....C. J. & W. J. Keenan, 300 Webster, San Francisco.
Architect...None.
Day's work. **COST, \$1000**
- (1661) W EIGHTEENTH AVE 172 N California. Two-story and basement frame flats.
Owner.....C. J. & W. J. Keenan, 300 Webster, San Francisco.
Architect...None.
Day's work. **COST, \$4000**
- (1662) E TWENTY-SECOND AVE 225 N California N 25xE 120. All work for two-story and basement frame residence.
Owner.....Jas. Welsh, 244 20th Ave., San Francisco.
Architect...None.
Contractor, James Welsh & Co.
Filed May 12, '14. Dated May 9, '14.
Frame up\$1000
Brown coated 1000
Accepted 1000
Usual 35 days 1000
TOTAL COST, \$4000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.
- (1663) E TWENTY-SECOND AVE 150 N Anza N 25xE 120. All work for two-story frame residence.
Owner.....Margaret Hamill, 268 25th Ave., San Francisco.
Architect...None.
Contractor, Thos. Hamill, 268 25th Ave., San Francisco.
Filed May 12, '14. Dated May 9, '14.
Payments not given.....
TOTAL COST, \$2700
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications, none.
- (1664) W NINETEENTH AVE 100 N Anza N 25xE 120. All work for two-story frame building.
Owner.....Margaret Hamill, 268 25th Ave., San Francisco.
Architect...None.
Contractor, Thos. Hamill, 268 25th Ave., San Francisco.
Filed May 12, '14. Dated May 9, '14.
Payments not given.....
TOTAL COST, \$2800
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications, none.
- (1665) E STOCKTON 34-0 1/2 S Pacific S 25xE 90. Alterations and additions to building.
Owner.....Eva Bennett.
Architect...None.
Contractor, J. S. Ourish.
Filed May 12, '14. Dated May 11, '14.
On completion\$175
36 days after 175
TOTAL COST, \$350
Bond, none. Limit, 20 days. Forfeit, none. Plans and specifications filed.
- (1666) IN PACIFIC BUILDING COR. Fourth and Market. Changes and alterations to Lewis Sample Shoe Co. store and entrance to Hof Brau Cafe Owner.....The Pacific Company.
Architect...Frederick H. Meyer, Bankers' Invest Bldg., S. F.
Contractor, Braas & Kuhn Co., 58 Dearborn, San Francisco.
Filed May 12, '14. Dated Apr. 30, '14.
On 1st of each month 75%
Usual 35 days 25%
TOTAL COST, \$1950
Bond, \$975. Surety, Nicholas Epling.
- Limit, 30 days. Forfeit, none. Plans and specifications filed.
- (1667) E SIXTH AVE 566 N Lake E 120 N 84-9 m or 1 SW 194-4 S 27-1 1/2 E 70-1 1/2 m or 1 S 11-4 O L 67. All work except painting and electrical work and heating for two-story and basement frame residence.
Owner.....Elsie A. Drexler, 45 Kearny, San Francisco.
Architect...Frederick D. Boese, 45 Kearny, San Francisco.
Contractor, J. Wendering, 110 Jessie, San Francisco.
Filed May 12, '14. Dated May 7, '14.
Frame up\$262.50
Brown coated 2262.50
Completed and accepted 2262.50
Usual 35 days 2362.50
TOTAL COST, \$9050.00
Bond, none. Limit, 100 days after May 12. Forfeit, \$3. Plans and specifications filed.
- (1668) PLUMBING & GAS FITTING on above.
Contractor, Herman Lawson, 344 4th Ave., San Francisco.
Filed May 12, '14. Dated May 8, '14.
Roughed in\$492
Completed and accepted 491
Usual 35 days 330
TOTAL COST, \$1313
Bond, none. Limit, 100 days from May 12. Forfeit, \$3. Plans and specifications filed.
- (1669) — LYELL 97-10 1/2 N Spring Valley Homestead. One-story and basement frame dwelling.
Owner.....Antonio and Maria Borabino, 1358 Varenneses, San Francisco.
Architect...None.
Day's work. **COST, \$1000**
- (1670) S MARKET 440 E Seventh. Repair and alter store.
Owner.....Harry J. Moore Furniture Co., O'Farrell near Market, San Francisco.
Architect...None.
Contractor, Hansen & Ludwig, 24 California, San Francisco.
COST, \$400
- (1671) NO. 1102 HYDE. Repair fire damages.
Owner.....Robsen & Sattler, 1201 Nevada Bank Bldg., S. F.
Architect...None.
Day's work. **COST, \$1650**
- (1672) NE DARTMOUTH 50 N Mansell. One-story and basement frame dwelling.
Owner.....V. Sandona, 912 Bowdoin, San Francisco.
Architect...None.
Day's work. **COST, \$400**
- (1673) NO. 211 POWELL. Alter front and new entrance.
Owner.....L. Ruffieux, Premises.
Architect...None.
Contractor, The S. Levi Fixture Shop, 446 6th, San Francisco.
COST, \$400
- (1674) E TREAT 125 S 22nd. General alterations, repairs and add to dwlg.
Owner.....E. N. Werner.
Architect...None.
Contractor, John P. Cuneo, 263 Capp, San Francisco.
COST, \$500

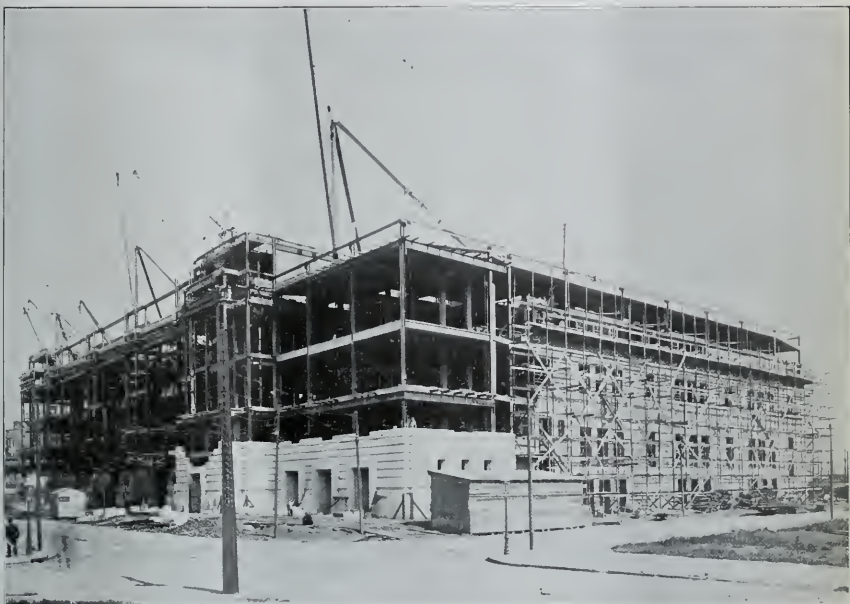


NEW CITY HALL SHOWING STRUCTURAL STEEL IN PLACE
San Francisco

Bakewell & Brown, Architects
San Francisco

Building and Industrial News
May 20, 1914

PLATE A



MUNICIPAL AUDITORIUM AS IT APPEARS TO-DAY
San Francisco

Board of Consulting Architects
San Francisco

Building and Industrial News
May 20, 1914

PLATE B

(1675) NW FIFTEENTH & MISSION.
Alter front.
Owner.....Otto Koch and Anton
Weibel, Premises.
Architect...None.
Contractor...Chas. Magel, 635 Larkin,
San Francisco.

COST, \$400

(1676) NW TWELFTH AND OTIS.
Add one-story to present building.
Owner.....Mr. Pritchard, Premises.
Architect...None.
Contractor...B. McDonald, 1246 6th
Ave., San Francisco.

COST, \$400

(1677) W FILLMORE 90 S Clay. One
story frame store.
Owner.....M. Helgensen, 2329 Fill-
more, San Francisco.
Architect...None.
Day's work.

COST, \$100

(1678) S CALIFORNIA 114-6 W Larkin
W 23xS 80-6. Carpenter, concrete,
brick, excavating, plumbing, gas fit-
ting, painting, glazing, etc., for three
story frame flats.

Owner.....Jos. Jurisich, 246 Leaven-
worth, San Francisco.
Architect...E. H. Denke, 1317 Hyde,
San Francisco.
Contractor...E. J. Montgomery, 1218
Broadway, San Francisco.
Filed May 13, '14. Dated May 12, '14.
3rd floor joists in place.....\$1677.50
White coated 1677.50
Completed and accepted..... 1677.50
Usual 35 days..... 1677.50

TOTAL COST, \$6710.00

Bond, \$3500. Sureties, Chas. Schlesinger
and Jno. H. Brickwedel. Limit, 90 days
Forfeit, \$10. Plans and specifications
filed.

(1679) S GROVE 228-3 W Laguna W
103xS 120. Structural steel, reinforced
concrete, brick, plastering, gal-
vanized iron, carpentry, painting,
plumbing, etc., for one-story Class
"A" steel frame and reinforced con-
crete garage.

Owner.....Wm. J. Gallagher, 623
Grove, San Francisco.
Architect...Matthew O'Brien, 68 Post,
San Francisco.
Contractor...J. A. Duarte, 112 Wolf,
San Francisco.

Filed May 13, '14. Dated May 7, '14.
On lat of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$12,835
Bond, none. Limit, 60 days. Forfeit,
\$20. Plans and specifications filed.

(1680) N O'FARRELL 165 E Taylor E
27-6xN 137-6. All work except ele-
vator, electric fixtures, finish hard-
ware and wood finish in hotel lobby
for seven-story and basement hotel.
Owner.....A. O. Stewart, Holbrook
Bldg., San Francisco.
Architect...Smith & Stewart, Hol-
brook Bldg., S. F.
Contractor...W. D. Henderson, Monad-
nock Bldg., S. F.

Filed May 13, '14. Dated May 12, '14.
1st floor joists in place.....\$ 4540
3rd floor joists in place..... 4540
5th floor joists in place..... 4540
Finished roof on..... 4540
Rough plumbing in..... 4540
Rough coat plaster on..... 4540
Plastering finished..... 4540
Standing finish on..... 4540
Accepted 4555

Usual 35 days..... 13625
TOTAL COST, \$54,500
Bond, none. Limit, 175 days. Forfeit,
none. Plans and specifications filed.

(1681) EXPOSITION SITE. All work
for display building.
Owner.....D. Ghirardelli Co., 940
North Point, S. F.
Architect...Bakewell & Brown, 251
Kearny, San Francisco.
Contractor...Larsen & Sampson Co.,
Crocker Bldg., S. F.
Filed May 13, '14. Dated May 4, '14.
On 15th of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$14,700

Bond, \$7350. Surety, Maryland Casualty
Co. Limit, forfeit, none. Plans and
specifications filed.

(1682) W PROSPECT AVE 25 S Hyman
Ave. All work for one-story and
attic frame building.

Owner.....John & Johanna Kelleher,
230 Prospect Ave., S. F.
Architect...None.
Contractor...Elmer Carlson, 209 Pro-
spect Ave., San Francisco.
Filed May 14, '14. Dated May 13, '14.
Enclosed\$685
Accepted 688
Usual 35 days..... 457

TOTAL COST, \$1830

Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(1683) NW NEY AND CONGDON.
One and one-half-story and base-
ment frame dwelling.

Owner.....Victor Bjors, 660 Waller,
San Francisco.
Architect...None.
Day's work.

COST, \$1500

(1684) N NEY 25 W Gongdon. One
and one-half-story and basement
frame dwelling.

Owner.....Victor Bjors, 660 Waller,
San Francisco.
Architect...None.
Day's work.

COST, \$1500

(1685) E WANDA 225 N Onondago.
One and one-half-story and base-
ment frame dwelling.

Owner.....M. J. Nelson, 4278 23rd,
San Francisco.
Architect...None.
Day's work.

COST, \$1500

(1686) E WANDA 200 N Onondago.
One and one-half-story and base-
ment frame dwelling.

Owner.....M. J. Nelson, 4278 23rd,
San Francisco.
Architect...None.
Day's work.

COST, \$1500

(1687) NO. 1373 CLAY. Erect mar-
quise.

Owner.....O. P. Stidger, Montgomery
Block, San Francisco.
Architect...O'Brien Bros., Inc., 519
California, San Francisco.

COST, \$1600

(1688) W AUGUSTA 25 N Charter Oak
One-story and basement frame
dwelling.

Owner.....Fred Fiscella, 1400 Green,
San Francisco.
Architect...None.
Day's work.

COST, \$1000

(1689) W PLYMOUTH 275 N Grafton.
One-story and basement frame dwlg
Owner.....Patrick Mahoney, 951
Plymouth, San Francisco.
Architect...None.
Contractor...G. Harwood, 2961 23rd,
San Francisco.

COST, \$500

(1690) NO. 1326 LYON. General alter-
ations and repairs.
Owner.....Wm. Lynch.
Architect...John McHenry, 2210 Ellis-
worth, Berkeley.
Day's work.

COST, \$1000

(1691) NO. 2037 HOWARD. Repair
fire damage.
Owner.....L. Van Lack, 2616 Lincoln
Ave., Alameda.
Architect...None.
Contractor...S. E. Gould, 2510 Mission,
San Francisco.

COST, \$475

(1692) E FORTY-FIRST AVE 175 N
Anza. Repair front.

Owner.....Rudolph Herzog, 566 41st
Ave., San Francisco.
Architect...None.
Day's work.

COST, \$400

(1693) NO. 44 FOURTH. Erect mar-
quise.

Owner.....E. Roikin, Premises.
Architect...None.
Contractor...L. Zimmerman, 112 Jones,
San Francisco.

COST, \$1000

(1694) NO. 170 MONTANA. Alter and
repair dwelling.

Owner.....Mrs. M. Dowd, Premises.
Architect...None.
Contractor...F. Russell, 213 Thirt, S. F.

COST, \$400

(1695) E EIGHTEENTH AVE 150 N
Lake. Two-story and basement frame
dwelling.

Owner.....Mary E. Quimby, 55 7th
Ave., San Francisco.
Architect...None.
Contractor...L. S. Quimby, 55 7th Ave.,
S. F.

COST, \$3500

(1696) SW CALIFORNIA & SANSOME
W 87-6xS 87-6. Marble work, nickel
plated work and hardware for toilet
room marble for building.

Owner.....Fireman's Fund Ins. Co.,
Insurance Exchange Bldg.,
San Francisco.

Architect...Lewis P. Hobart, Crocker
Bldg., San Francisco.
Contractor...Jos. Musto Sons-Keenan
Co., 565 North Point, S. F.

Filed May 15, '14. Dated May 2, '14.
On 15th of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$3740

Bond, \$1870. Surety, Globe Indemnity
Co. Limit, Nov. 15, 1914. Forfeit \$15.
Plans and specifications filed.

(1697) ORNAMENTAL IRON WORK
on above.

Contractor...Rudgear-Merle Co., Bay &
Stockton, San Francisco.
Filed May 15, '14. Dated May 2, '14.
Payments same as above.....

TOTAL COST, \$ 14,500

Bond, \$7250. Surety, Fidelity &
Deposit Co. of Maryland. Limit, Aug. 15,
1914. Forfeit, \$25. Plans and specifi-
cations filed.

(1598) FOLSOM AND SIXTEENTH.

Remove present tank frame and concrete base, erect concrete and pile foundation, a 70 foot structural steel tower, a 60,000 gallon steel tank and erect 8-in. and 3-in. standard black pipe.

Owner.....American Steel & Wire Co., Premises.
Architect...None.

Contractor...San Francisco Bridge Co., Nevada Bank Bldg., S. F.

Filed May 15, '14. Dated May 11, '14.

Pile & concrete foundation completed..... 25%
When 70 ft. structural steel tower erected..... 25%
When 60,000 gallon steel tank erected..... 25%
Usual 35 days..... 25%

TOTAL COST, \$3865

Bond, \$1933. Sureties, H. Kruse and Anson S. Blake. Limit, 60 days. Forfeited, none. Plans and specifications filed.

(1699) SW GREENWICH & BOND

Alley W 25xS 87-2. All work except lighting fixtures, shades, pent house on each building, side walk in alley for two three-story and basement frame flats.

Owner.....Angelo Campana, 668 Greenwich, San Francisco.

Architect...Paul F. De Martini, 2123 Powell, San Francisco.

Contractor...Paul De Martini, 2869 Octavia, San Francisco.

Filed May 15, '14. Dated May 12, '14.

Buildings framed up to roof..... \$2060
Brown coated..... 2060
Completed and accepted..... 2060
Usual 35 days..... 2065

TOTAL COST, \$8245

Bond, \$4125. Sureties, G. Biondano & P. Bacigalupi. Limit, 120 days. Forfeited, \$5. Plans and specifications filed.

NOTE:—One building to be erected W Bond Alley 50 S Greenwich.

(Correction in No. 1701, Contractor's Name omitted.)

(1700) SW GEARY AND LARKIN W 76xS 120. Sheet metal work, ornamental iron, galvanized iron for all exterior for six-story and basement steel frame building.

Owner.....P. J. Garland, 467 Guerrero, San Francisco.

Architect...Rousseau & Rousseau, Monadnock Bldg., S. F.

Contractor...Western Furnace & Cornice Co., 1645 Howard, San Francisco.

Filed May 15, '14. Dated May 11, '14.

Main cornices up, hay windows covered with ornamental iron..... \$3000.00
Completed and accepted..... 2563.50
Usual 35 days..... 1954.50

TOTAL COST, \$7818.00

Bond, \$3909. Surety, Aetna Accident & Liability Co. Limit, soon as possible Forfeited, none. Plans and specifications filed.

(1701) ELECTRIC CONDUITS AND wiring and telephone wiring on above.

Contractor...General Elec. Constr. Co., 223 Minna, San Francisco.

Filed May 15, '14. Dated May 13, '14.

Electrical work roughed in..... \$975
Completed and accepted..... 975
Usual 35 days..... 650

TOTAL COST, \$2600

Bond, \$1300. Surety, Massachusetts Bonding & Insurance Co. Limit, as

soon as possible. Forfeited, none. Plans and specifications filed.

(1702) N GREENWICH 107-10 W Stockton W 29-xN 45-5. Alterations to one-story frame building into 2-story and basement frame flats.

Owner.....Ferruccio Di Grazia, 628 Greenwich, San Francisco.

Architect...Chas Fantoni, 916 Kearny, San Francisco.

Contractor...L. Diognardi, Daly City.

Filed May 16, '14. Dated May 14, '14.

Enclosed and roofed..... \$815
Brown coated..... 815
Completed and accepted..... 815
Usual 35 days..... 815

TOTAL COST, \$3260

Guaranty bond in favor of owner. Sureties, J. Biller and N. Capurro. Limit, 75 days from May 18. Forfeited, 2. Plans and specifications filed.

(1703) E TWENTIETH AVE 50 S Geary. Two-story and basement frame dwelling.

Owner.....J. C. Kirby, 2152-A Market, San Francisco.

Architect...None.
Day's work..... COST, \$3000

(1704) E TWENTIETH AVE 75 S Geary. Two-story and basement frame dwelling.

Owner.....J. C. Kirby, 2152-A Market, San Francisco.

Architect...None.
Day's work..... COST, \$5000

(1705) NO. 1150 STOCKTON. Plumbing and minor changes.

Owner.....Mrs. Eva Bennett, 2107-A California, San Francisco.

Architect...None.
Contractor...J. S. Quish, 1247-A Bush, San Francisco.

COST, \$400

(1706) NE FILLMORE & WALLER. Repair and alter store and add rooms

Owner.....J. J. McDonald, 228 Virginia, San Francisco.

Architect...None.
Contractor...Jack Persson, 702 Divisadero, San Francisco.

COST, \$410

(1707) NO. 1373 CLAY. Re-decorate lobby, new panels and plasters.

Owner.....Mr. Stidger, 628 Montgomery, San Francisco.

Architect...A. R. Denke, Hamholdt Bank Bldg., S. F.

Contractor...F. G. Denke, 1317 Hyde, San Francisco.

COST, \$900

(1708) E TWENTY-SECOND AVE 225 N Clement. Two-story and basement frame dwelling.

Owner.....M. F. Nolan, 228 Noe, S. F.

Architect...None.
Day's work..... COST, \$3400

(1709) NO. 3252 FOLSOM. Minor additions to church.

Owner.....Right Rev. P. H. Riordan.

Architect...A. W. Richardson, 937 Church, San Francisco.

Contractor...V. Divonolo, 303 Brazil Ave., San Francisco.

COST, \$500

(1710) NW ARLETA AND SAWYER.

One-story and basement frame dwlg.

Owner.....C. G. Siebel, 208-A Utah, San Francisco.

Architect...None.

Contractor...C. G. Siebel. COST, \$500

(1711) NO. 560 THIRD. Repair fire damages.

Owner.....Wm. Ehrenpfort, 801 Fillmore, San Francisco.

Architect...None.
Day's work..... COST, \$500

(1712) NO. 1236 CHESTNUT. Raise and underpin dwelling.

Owner.....Allen Kruger, Premises.

Architect...None.
Contractor...N. H. Petersen, 2737 22nd, San Francisco.

COST, \$600

(1713) NO. 65 SIXTH. Alter two stores

Owner.....P. J. Curtis, Premises.

Architect...None.
Contractor...Moller & Sons, 529 Jessie, San Francisco.

COST, \$525

(1714) S POPE 300 E Mission. Alter, add and repair dwelling.

Owner.....John Carroll, 12 Pope, S. F.

Architect...None.
Day's work..... COST, \$950

(1715) W HOWTH 75 S Niagara. One story and basement frame dwelling.

Owner.....Ivar Carlson, 250 Howth, San Francisco.

Architect...None.
Contractor...J. H. Truitt, 174 Brighton, San Francisco.

COST, \$500

(1716) SE MARKET 45 SW Second SW 30 SE 91-6 SW 20 SE 43-6 NE 95 NW 43-6 SW 45 NW 91-6.

Excavating, bulkheading, sheet, piling, concrete, plain and reinforced, back filling, side walks, dampproofing, side walk lights, side walk elevator doors, basement floor for Class "C" building.

Owner.....Charles Schlusser, Mills Bldg., San Francisco.

Architect...Alfred Henry Jacobs, 110 Sutter, San Francisco.

Contractor...Stamquist & Forbes, 681 Market, San Francisco.

Filed May 16, '14. Dated May 7, '14.

Excavating, completed, footings ready to receive cast iron bases and gravity walls completed..... \$2600

Completed..... 2850

Usual 35 days..... 1950

TOTAL COST, \$7500

Bond, \$7500. Surety, Aetna Accident & Liability Co. Limit, July 2, 1914. Forfeited, \$1,667. Plans and specifications filed.

COMPLETION NOTICES.

San Francisco.

May 9, 1914—S PACIFIC 85 W Divisadero W 45xS 127-34. Paula M. Falfo to S A Born Bldg Co. May 5, '14

May 9, 1914—LOTS 61 and 62 Lyon & Hoag's Sub. Lincoln Manor. Peckman & Co to whom it may concern..... May 8, 1914

May 9, 1914—E TWENTY-THIRD AV 250 S Lake S 25x120. C A Hall to whom it may concern..... May 9, 1914

May 9, 1914—W LUCY 200 S Thornton — 25 W 100 N 25 E 100. Joseph Kolvek to Stevenson & Gowan..... May 8, 1914

May 9, 1914—E FORTY-THIRD AVE 100 S Cabrillo E 120xS 40. Orville R Baldwin to Holden-Deuprey Co..... May 8, 1914

May 11, 1914—W DOLORES 61-6 N

Army N 25xW 114. Michael and Cella Corley to Elmar Peterson.....May 6, 1914
May 11, 1914—E DOLORES 55-9 N 15th N 137-6xE 90. Adrienne and Nellie Thompson to Thos Warburton, April 30; J P Lorden Mill Co, Inc.....May 5, 1914
May 11, 1914—N FRANCISCO 130 W Grant Ave W 22-11xN 68-9. M Gardner to K C Gardner.....May 9, '14
May 11, 1914—E EIGHTEENTH AVE 250 S Anza S 25xE 120. Frank Lapham to Henry W Jansen.....May 1, 1914
May 11, 1914—NE EIGHTH AVE AND Balboa 32-6x100, Richmond Dist. A Bergez to Ratto & Vadala.....May 11, '14
May 11, 1914—S GEARY 137-6 W Mason E 37-6xS 137-6. Stewart Est Co to Frederick W Snook Co.....May 7, 1914
May 12, 1914—E TWENTYETH AVE 150 S California S 25xE 120. John M Peters to whom it may concern.....May 11, 1914
May 12, 1914—E POLK 87-6 N Lombard N 87-6xE 87-6. D J O'Neill to N H Pearson.....Apr. 29, 1914
May 12, 1914—W HAMPSHIRE 170 S 25th S 30xW 100. Emma R O'Donnell to Segursion Bros.....May 9, 1914
May 12, 1914—N PACIFIC 68-6 W Jones W 23xN 70. Henri or H Artur to L A Rose.....May 12, 1914
May 12, 1914—COMG. AT SE LN LOT 556 Gift Map No. 2 perpendicularly dist 48-6 SE Folsom SE 21-6 NE 85-1 1/4 SW 28-5 1/2 SW 66-4 1/4 ptn Lots 551-556 Gift Map No. 2. John Bianchi to John Bianchi.....May 8, 1914
May 12, 1914—E GUERRERO 85 S 19th S 75xE 90. John J Binef (President John J Binet Co, opn to whom it may concern.....May 12, 1914
May 13, 1914—N BAY 137-6 W Taylor — 85 N 137-6 E 85 S 137-6. California Fruit Cannery Ass'n to Trevia & Pasqualetti.....Apr. 25, 1914
May 13, 1914—LOT 16 C S Allred's Sub Bkls 17 and 18 West End Map No. 1. C S and Maggie L Allred to whom it may concern.....May 12, 1914
May 13, 1914—NE WASHINGTON & Davis N 120xE 70. Davis Street Realty Co to A Olsen.....May 4, 1914
May 13, 1914—E TAYLOR 125 S Union S 25xE 110. Jno M and Katharine Sauter to whom it may concern.....May 1, 1914
May 13, 1914—S PACIFIC 22-6 E Powell E 23x—67-6. A Delabrian-dias to R De Lucca.....May 8, 1914
May 13, 1914—SE TONQUIN AND Baker W 378.48 W 471.52 S 137S E 421.20 E 428.80 N 137S. Panama-Pacific International Exposition Co to J G Williams Constr Co (contract filed Sept. 18, 1913).....May 8, 1914
May 13, 1914—E WILLARD 338.04 S Parnassus Ave E parallel with S Parnassus Ave 83.11 S 25 W 89.85 N 25.04 Bldk "D" Sunset Heights. Wm L and Florence M Terry to whom it may concern.....May 11, 1914
May 14, 1914—W TWENTY-FIFTH Ave 150 S California S 25xW 120. Norman H Smith to Byron J Hooper.....May 12, 1914
May 14, 1914—N B'USH adj. Mills Bldg. having frontage on Bush of 68-9. Ogden Mills to Farrell & Reed.....May 11, 1914
May 14, 1914—W LARKIN 46-3 1/2 S Greenwich S 22-6xW 97-7 1/2. Mary Pingel to Bowers & Fann.....May 9, 1914
May 14, 1914—E BAKER 54975 S

Beach S 606 E 547.14 N parallel to E Baker 606 W 547.14 m or l. Panama-Pacific International Exposition Co to McLeran & Peterson.....May 5, 1914
May 14, 1914—SE WELSH 125 SW Zoe SW 20xSE 80. Harold R and Margt. Pickens to whom it may concern.....May 14, 1914
May 14, 1914—N TWENTY-NINTH 55 W Castro W 25xN 78. Sophus P Jensen to whom it may concern.....May 13, 1914
May 14, 1914—S DOUGHE at r a S 57-6 E 28 S 80 E 24-2 1/4 N 134-6 1/4 to Turk dist 162-3 1/2 E Larkin W 52-9 1/2. Hanson or Hansen & Johnson (Contractors, Inc) to whom it may concern.....May 9, 1914
May 14, 1914—N BAKER 51975 S Beach S 606 E 547.14 N parallel with E Baker 606 W 547.14 m or l. Panama-Pacific International Exposition Co to Lange & Bergstrom (Contract filed April 12, 1913).....May 5, 1914
May 15, 1914—N BROADWAY 42-6 E Baker E 50 N 137-6 W 29-3 1/2 SE 1-6 1/2 W parallel with Broadway 21-1 1/2 S 136. Albert L Ehrman to Lyden & Bickel.....May 12, 1914
May 15, 1914—NW MENDELL (M) So 75 NE Newcomb Ave (14th Ave So) NE 75xNW 75. Mary T Gillen to L C Woodrige.....May 15, 1914
May 15, 1914—N BROADWAY 42-6 E Baker E 50 N 137-6 W 29-3 1/2 SE 1-6 1/2 W parallel with Broadway 21-1 1/2 S 136. Albert L Ehrman to Cavanagh & Vezina.....May 12, 1914
May 15, 1914—W MASON 95-3 N Pacific N 22-3xW 137-6. Angelina Cesana to Antonio Sciarroni and C Mancini.....May 14, 1914
May 15, 1914—N BUSH '72 W Hyde W 34-4 1/2x137-6. Martin S Show to whom it may concern.....May 14, 1914
May 15, 1914—S TONQUIN 356.127 W Devisadero W 575xS 725. Panama-Pacific International Exposition Co to Nell A McLean.....May 5, 1914
May 15, 1914—NE FULTON AND Parker Ave E 175xN 275. The President and Board of Trustees of St. Ignatius College to John A M Boller.....May 9, 1914
May 15, 1914—SE HOWARD 150 SW 12th SW 50xSE parallel with SW 13th 137-6. Landau Economic Syphon Co to F P Lansing.....May 12, 1914

Key 11 1914—LOT 6 BLK "J" Mission Terrace. F A Heltzman vs Wilson Rogers, Amy J Rogers, Felix & Adelaide Marie Calmette.....\$21.51
May 12, 1914—S PRECITA AVE AND Florida SW 25xSE 80. Thomas Skelly vs J Eliason and Johnson & Olson.....\$250.50
May 13, 1914 LOT 6 BLK "J" Mission Terrace. Basch Elec Co vs Wilson Rogers, Amy J Rogers, Felix Calmette and wife Adelaide M Calmette.....\$26.50
May 13, 1914—E TWENTY-SIXTH Ave 100 S California S 25xE 120. J P Lorden Mill Co vs Julius and Mary A Appel and Wm Van Herick.....\$385.95
May 13, 1914—NW FIFTH AVE AND Balboa 30 on 5th Ave 95 on Balboa. Henry Ribon vs John Parell.....\$289.50
May 13, 1914—E TWENTY-SIXTH Ave 100 S California S 25xE 120. Columbia Lumber Co vs Julius and Mary A Appel and Wm Van Herick.....\$247.56
May 14, 1914—E TWENTY-SIXTH Ave 100 S California S 25 E 120 N 25 W 100. H Van Herick vs Julius and Mary A Appel.....\$220.50
May 14, 1914—S PRECITA AVE AND SW Florida (Ryan Ave) SW 25xSE 80. Henry Ribon vs John Eliason and Bergetta Eliason and Johnson & Olsen.....\$320
May 15, 1914—S PRECITA AVE AND Florida SW 25xSE 80. G A Olsson vs J Eliason, Johnson & Olson et al.....\$250
May 15, 1914—SE CHENERY 100 NE Mateo NE 25xSE 100; Lot 13 Bk 9 Fairmount Tct. George Ryan vs Mary A Niland.....\$275.38
May 15, 1914—NE FIFTEENTH AVE Oakdale Ave) and San Bruno Ave N 50xE 100 m or l. George Ryan vs Charles F Yaeger, Mark Hardy and H Jacobson.....\$20.88
May 15, 1914 N—HAIGHT 161-6 E Shrader E 25xN 137-6. W P Fuller & Co vs Lena and H S White.....\$65.88
May 15, 1914—N BROADWAY 171-10 1/2 W Dupont W 68-9xN 137-6. L Salucci vs Nellie Harrie and Finnila & Seabold.....\$362

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 2 story and base, frame, \$6,500. Alameda, Alameda Co., Cal. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner's name withheld. The dwelling will be erected in Lincoln Park and has been designed to contain eight rooms, two baths and three sleeping porches. Interior finish will be of pine and hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile and will be equipped with showers. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame. Cost not stated, Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas. First National Bank Bldg., Berkeley. Owner, J. M. Parks. The dwelling will be erected in the Claremont Tract, and has been designed to contain eight rooms, baths and sleep-

LIENS FILED.

San Francisco.

May 9, 1914—NE HOWARD & RUSS E 36 N 100 E 28 S 100 W 28. Macdonald Lumber Co vs Ida Goldblatt and W H Daniels.....\$556.50
May 9, 1914—N HOWARD 36 E RUSS Place E 28xN 100. American Elec & Eng Co, 97.43; Eureka Sash, Door & Moulding Mills, \$271.45 vs Mrs Ida Goldblatt and W H Daniel.....May 9, 1914—N HOWARD 36 E RUSS E 28xN 100. Arden Plaster Co, \$63.44 Pioneer Plate & Window Glass Co, \$318; J H Kruse, \$427.56 vs Ida Goldblatt.....May 11, 1914—NW MARKET 9-6 1/2 NE from N California NE 79-9 N parallel with Drumm N 131-2 W 64-8 1/2 S 177-9 1/2. Nos. 86-94 Market. Castagnino Bros vs Doe Estate Co, S J Pringle and E C Pringle and James Long as Long's Ferry Mar-

ing porches. Interior finish will be of pine and hardwood. Hardwood and linoleum floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have the wainscot and composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, E. L. Brock. The dwelling has been designed for an eight-room house with two baths and sleeping porch, and will be erected in the Highlands Tract. Interior finish will be of pine, redwood and some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile floors and wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, frame. Cost not stated. Oakland, Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Henry Crosby. The dwelling will be erected on Lake Shore Drive and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and redwood with some hardwood veneer. There will be hardwood floors in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room will have the wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE—2 story and base, frame. Cost not stated. Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, W. R. Alberger. The dwelling will contain seven rooms, two baths and a sleeping porch, and will be erected at the corner of Paloma and Calmar. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have the wainscot and composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCE—2 story and base, frame, \$8,000. Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, J. A. Munro. The dwelling will contain eight rooms, two baths and a sleeping porch. It will be erected on Grand avenue near Rand. Interior finish will be of pine and redwood with some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic

water heater will be installed. Bath rooms will have the wainscot and composition floors. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE CLUB—2 story and base, frame, \$12,000. Berkeley, Alameda Co., Cal. Architect, Warren Perry, 2436½ Dwight Way, Berkeley. Owners, Faculty Club. The work will consist of extensive alteration to the present building and will include plastering, painting, mill work, hardwood and pine interior trim and hardwood floors. New plumbing and electric work will be installed. Exterior of the building will be altered and a new coat of cement plaster will be put on. Plans are complete and the work will be done by Day Labor under the direction of the architect.

GARAGE—2 story and base, reinforced concrete, \$30,000. Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Dr. Huntington. The building will be erected on the west side of Broadway north of 19th street, and has been designed for a large commercial garage. There will be office space, storage rooms and a completely equipped machine shop included. Interior finish will be of pine. Concrete walls, floors and roof slabs are specified. Plans provide for metal window sash and frames and special gasoline storage tanks. Interior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

GARAGE—2 story and base, brick and steel. Cost not stated. Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owners, Imperial Garage and Supply Co. The building, which has been mentioned here before, will be erected on the east side of Franklin street north of 14th street, covering a considerable ground area. Interior will be finished in pine. Plans provide for metal window sash and frames and special gasoline storage tanks. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken.

RESIDENCE—2 story and base, frame, \$3,000. Oakland, Cal. Architect, none. Owner, F. A. Dalley, 2130 Broadway, Oakland. The dwelling has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have the floor and wainscot and will be equipped with shower. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

APARTMENT HOUSE—8 story and base, Class A construction. Cost not stated. Oakland, Cal. Architect, Carl Werner, Phelan Bldg., S. F. Owner, C. J. Heeseman. The building will be erected at one of the most prominent corners in Oakland and will cover an area of 130 by 234 feet. Apartments will range from three to seven rooms with from one to two baths. Interior finish will be of pine and hardwoods with all baths finished in tile with

composition floors. Plans provide for steam heat, elevator service, a hot water system and vacuum cleaning system. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick and terra cotta. Plans are now being prepared.

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Amt.
1213	Trimlett	Trimlett	1600
1214	Johnson	Johnson	900
1217	Oakland	Fauly	30127
1218	Picatto	Goranson	1650
1219	Borton	Nichols	4900
1220	DaSan Martino	Benjawa	1900
1221	Fuller	Pedgrift	23279
1222	Archer	Wilson	1800
1223	Libbey	Libbey	2500
1224	Wiser	Wiser	2000
1225	Oakland	Looney	7960
1227	Archer	Standard	5000
1228	Eklund	Lalley	400
1229	Brown	McClay	1000
1230	Clew	Faulkes	3000
1231	Hatcher	Anderson	2900
1232	Ratto	Perona	1375
1237	Robinson	Laughland	400
1238	Foresters	Rasmussen	14208
1239	Dalley	Dalley	3000
1240	Clark	Hamberton	2800
1241	Phillip	Plittner	4234
1242	Brown	Brown	2000
1243	Rhem	Peterson	1800
1244	de los Monteros	Graff	2996
1245	Oakland	Moffatt	3120
1246	Moore	Burlingame	400
1247	Gregory	Gregory	400
1248	Cosme	Silver	450
1249	Cominos	Chiofalo	400
1250	Gregory	Vaiker	1500
1251	Edwards	Saxton	1050
1252	Curti	Raineri	400
1253	Denke	David	900
1254	Moore	Russo	500
1255	Bislich	Ross	400
1256	Atteberg	Atteberg	600
1257	Postel	Le Baron	1800
1258	Bettercourt	Owner	300
1259	Lacan	Boehner	2500
1260	Boardman	Boehner	1500
1261	Hagedorn	Hagedorn	450
1262	Rainero	Braney	400

(Correction in Location)

(1174) NW SIXTY-FIFTH 270 E Herzog, Oakland. All work for one-story 4-room dwelling.
Owner.....Antonio Buschli, 715 5th, Oakland.
Architect...None.
Contractor..Silva & Luzane, 2869 Ford, Oakland.

Filed May 5, '14. Dated Apr. 25, '14.
Frame up..... ¼
Rough plaster on..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, \$1075
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(1213) S BROOKDALE AVE 275 W 38th Ave., Oakland. One-story four-room dwelling.
Owner.....Edw. Trimlett, 3136 High, Oakland.
Architect...None.
Day's work.....
COST, \$1600

(1214) W SAN PABLO 200 N Stanford Oakland. One-story store.
Owner.....Albin Johnson, 5837 San Pablo Ave., Oakland.
Architect...None.
Contractor..W. Johnson, 3228 Adeline, Oakland.
COST, \$900

(1217) FOURTEENTH AND WASHINGTON, Oakland. Jail work in New City Hall.
Owner.....City of Oakland.
Architect...None.

Contractor, Pauly Jail Bldg. Co., St. Louis, Mo.
COST, \$30,127

(1218) W WEST 68 N 41st, Oakland.
One-story 5-room dwelling.
Owner,.....Mario Picatto, 4707 Shattuck Ave., Oakland.
Architect...None.
Contractor, H. Goranson, 431 48th, Okl.
COST, \$1650

(1219) N BOULEVARD WAY 250 E
Sylvan Way, Oakland. Two-story 8-room dwelling.
Owner,.....C. C. Borton, Security Bank Bldg., Oakland.
Architect...None.
Contractor, Leo L. Nichols, 1st Trust Bldg., Oakland.
COST, \$4900

(1220) NO. 2017 NINETY-EIGHTH Ave., Oakland. All work for building.
Owner,.....N. Da San Martino, Okl.
Architect...None.
Contractor, J. P. Renjawa, Oakland.
Filed May 11, '14. Dated Feb. 24, '14.
Frame up 1/4
Rough plastered 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$1900
Bond, none. Limit, 60 days after Mar. 1. Forfeit, none. Plans and specifications, none

(1221) SW THIRD AND JACKSON 75 x100, Oakland. Reinforced concrete and carpenter work for two-story reinforced concrete warehouse.
Owner,.....W. P. Fuller & Co., 10th & Alice, Oakland.
Architect...Walter D. Reed, Oakland Bk of Savings Bldg., Okl.
Contractor, Schnebly, Hostrawser & Pedgrift, 6th and Jackson, Oakland.
Filed May 11, '14. Dated May 11, '14.
Once each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$23,729
Bond, \$11,864.50. Sureties, J. E. McCormac and Win. Makin. Limit, 180 days. Forfeit, none. Plans and specifications filed.

(1222) S CARRINGTON 250 E 41st Ave., Oakland. One-story five-room dwelling.
Owner,.....Mrs. Frances Archer, 4118 Mera, Oakland.
Architect...None.
Contractor, J. A. Wilson, 2839 Ellsworth, Berkeley.
COST, \$1800

(1223) SW CLEVELAND & MERRITT, Oakland. One-story 5-room dwlg.
Owner,.....M. S. Libbey, 307 E-19th, Oakland.
Architect...None.
Day's work. COST, \$2500

(1224) W COLE 80 N Ygnacio, Oakland. One-story 6-room dwelling.
Owner,.....Gordon J. Wiser, 5143 Ygnacio, Oakland.
Architect...None.
Day's work. COST, \$2000

(1225) FOURTEENTH & WASHINGTON, Oakland. Jail plumbing in New City Hall.
Owner,.....City of Oakland.
Architect...None.

Contractor, J. Looney, 85 City Hall Ave., San Francisco.
COST, \$7960

(1227) NW FOURTH AVE 50 SW E-Ninth SW 37-6xNW 75, Oakland. All work for two-story 12-room apartments.
Owner,.....Stephen Swoboda, 315 E-8th, Oakland.
Architect...None.
Contractor, Standard Bldg. Co., 5659 Shafter Ave., Oakland.
Filed May 12, '14. Dated Mar. 24, '14.
Frame up \$875
Brown coated 875
Completed and accepted..... 2650
Usual 35 days..... 1200
TOTAL COST, \$5000
Bond, none. Limit, 90 days from date of agreement. Forfeit, \$2.50 per day. Plans and specifications filed.

(1228) NO. 1742 EIGHTH, Oakland. Addition.
Owner,.....Mrs. E. Eklund, Premises.
Architect...None.
Contractor, G. E. Lilley, 1759 8th, Okl.
COST, \$400

(1229) N FORTY-FIRST 300 W Grove Oakland. Two-story 5-room dwlg.
Owner,.....F. G. Brown, 672 41st, Okl.
Architect...None.
Contractor, H. McCloy, 623 33rd, Okl.
COST, \$1000

(1230) S LOGAN 250 W Peralta Ave., Oakland. Two-story 7-room dwelling.
Owner,.....Paul E. Clew, Oakland.
Architect...None.
Contractor, Jno. R. Faulkes, 9828 E-14th, Oakland.
COST, \$3600

(1231) S RANDOLPH AVE 100 S Hampel, Oakland. One and one-half story 7-room dwelling.
Owner,.....R. L. Hatcher, 1018 Randolph Ave., Oakland.
Architect...None.
Contractor, A. T. Anderson, 1735 Lockwood, Oakland.
COST, \$2900

(1232) NO. 926 FIFTH, Oakland. Alter
Owner,.....G. B. Ratto, Premises.
Architect...None.
Contractor, John Perona, 674 19th, Okl.
COST, \$1375

(1237) NO. 510 WALSWORTH AVE., Oakland. Alterations.
Owner,.....W. J. Robinson, Premises.
Architect...None.
Contractor, Jno. Laughland, 515 Bellevue Ave., Oakland.
COST, \$100

(1238) LOT 12 Bk.K 14 Map Town of Livermore. Excavating, bulkheading, concrete work, reinforcing steel, cement, side walk lights, carpenter work, mill work, glass, glazing, stairs hardware, patent flues, marble and tile work, sheet metal work, tile roofing, composition roofing, lathing, plastering, dampproofing, cementing, painting, tinting and other work for two-story ad basement concrete and wood store and lodge building.
Owner,.....Court Livermore No. 77, Foresters of America.
Architect...Henry H. Meyers, Kohl Bldg., San Francisco.
Contractor, C. H. Rasmussen, Livermore
Filed May 12, '14. Dated May 6, '14.

10th day of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$14,208
Bond, \$7104. Surety, Fidelity & Deposit Co. Limit, 120 days. Forfeit, \$10 a day. Plans and specifications filed.

(1239) E RICHMOND BLVD 250 S Moss Ave., Oakland. Two-story 7-room dwelling.
Owner,.....E. A. Dalley, 2130 Broadway, Oakland.
Architect...None.
Day's work. COST, \$3000

(1240) S WELLINGTON AVE 1080 E Thirteenth Ave., Oakland. One-story 7-room dwelling.
Owner,.....J. F. Clark, 4801 Telegraph Ave., Oakland.
Architect...None.
Contractor, Fred Hambleton, 375 13rd, Oakland.
COST, \$2800

(1241) SE FRUITVALE AVE AND Hopkins 31x198, Oakland. All work for two-story 11-room store and office building and apartments.
Owner,.....W. Bruce and Fayette H. Philip, 1924 Fruitvale Ave., Oakland.
Architect...E. J. Symmes, 585 37th, Oakland.
Contractor, Jos. Filtner, 1700 35th Ave., Oakland.
Filed May 14, '14. Dated May 13, '14.
Frame up 1/4
1st coat plaster on..... 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$1211
Bond, none. Limit, 65 days after May 18. Forfeit, none. Plans and specifications filed.

(1242) S WALNUT AVE 160 W Lilaer Oakland. One-story 5-room dwlg.
Owner,.....W. C. Brown, 621 61th Ave., Oakland.
Architect...None.
Day's work. COST, \$2000

(1243) NO. 478 ORCHARD, Oakland. Addition.
Owner,.....W. H. Rheem, Premises.
Architect...Chas. W. McCall, Central Bank Bldg., Oakland.
Contractor, A. Peterson, 1201 19th, Oakland.
COST, \$1800

(1244) E JEAN 200 N Santa Clara, Oakland. One and one-half-story 6-room dwelling.
Owner,.....Josephine E. de los Monteros, 27th St. off Telegraph Ave., Oakland.
Architect...None.
Contractor, E. C. Graff, San Leandro.
COST, \$2996

(1245) FOURTEENTH AND WASHINGTON, Oakland. Vacuum cleaning and mopping system in New City Hall.
Owner,.....City of Oakland.
Architect...None.
Contractor, H. W. Moffatt Co., 281 Natoma, San Francisco.
COST, \$3120

(1246) S THIRD 50 W Chester, Oakland. One-story 2-room warehouse.
Owner,.....Moore & Burlingame, Sharon Bldg., S. F.
Architect...None.
Day's work. COST, \$100

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San Francisco

Telephone Market 337

(1247) NO. 227 PERSIMMON, Oak-
land, Alterations.

Owner.....H. E. Gregory, Premises.

Architect...None.

Day's work. COST, \$400

(1248) NO. 1535 E-TWENTY-FIFTH,
Oakland, Alterations.

Owner.....M. Cosme, Premises.

Architect...None.

Contractor...J. P. Silver, 1132 Seventh,
Oakland.

COST, \$450

(1249) NO. 805 BROADWAY, Oakland,
Alterations.

Owner.....Peter. Connors, Premises.

Architect...None.

Contractor...D. C. Iostzio, 78 Ritch,
San Francisco.

COST, \$100

(1250) W. FORTIETH AVE 150 N
Carrington, Oakland, One-story five-
room dwelling.

Owner.....Wm. N. Gregercy, 23rd Ave
and B-23rd, Oakland.

Architect...None.

Contractor...S. C. Walker, 23rd Ave and

E-22nd, Oakland COST, \$1500

(1251) NO. 715 ARIMO AVE., Oakland

Addition.

Owner.....Geo. Edwards, Premises.

Architect...None.

Contractor...Erle Saxton, 1225 Terrace,
Oakland.

COST, \$1050

(1252) NO. 973 FORTY-THIRD, Oak-
land, Addition.

Owner.....Natalie Curtl, Premises.

Architect...None.

Contractor...D. Rainier, 872 43rd, Okd.

COST, \$100

(1253) SW FOURTEENTH & MAR-
ket, Oakland, Alterations.

Owner.....Mrs. E. Denke, Premises.

Architect...None.

Contractor...W. J. David, 1024 21th,
Oakland.

COST, \$900

(1254) NO. 1922 E-TWENTIETH, Oak-
land, Alterations and repairs.

Owner.....J. Fraters, Premises.

Architect...None.

Contractor...Geo. F. Russo, 1523 E-19th,
Oakland.

COST, \$500

(1255) NO. 2701 SAN PABLO AVE.,
Oakland, Alterations.

Owner.....L. M. Busich, 804 27th,
Oakland.

Architect...None.

Contractor...G. M. Rees, 1012 28th, Okd.

COST, \$100

(1256) CARRINGTON & HASTINGS
Ave., Oakland, One-story 6-room
dwelling.

Owner.....A. R. Atteberg, 1472 7th,
Oakland.

Architect...None.

Day's work COST, \$1600

(1257) S WENTWORTH AVE 200 E

Fairfax, Oakland, One-story 5-room

dwelling and garage.

Owner.....A. Postel, 2117 San Jose
Ave., Alameda.

Architect...None.

Contractor...Wm. A. Le Baron, 1029

45th Ave., Oakland.

COST, \$1800

(1258) NO. 619 FIFTY-NINTH, Oak-
land, Fire repairs.

Owner.....J. J. Beltencourt, 5875

Shattuck Ave., Oakland.

Architect...None.

Day's work COST, \$800

(1259) W PIEDMONT AVE 506 S 40th
Oakland, One-story 2-room stores.

Owner.....Lacan & Betmon.

Architect...J. J. Henry Boehrer, Delger

Bldg., Oakland.

Contractor...Boehrer & Legault, Delger

Bldg., Oakland.

COST, \$2500

(1260) NE THIRTEENTH & WASH-
ington, Oakland, Partitions, stairs,

plastering, painting, electric work,

etc. for building.

Owner.....Boardman Estate, Prent.

Architect...J. J. Henry Boehrer, Delger

Bldg., Oakland.

Contractor...Boehrer & Legault, Delger

Bldg., Oakland.

COST, \$1500

(1261) W PERALTA AVE 200 N Car-
mel, Oakland, One-story 2-room

dwelling.

Owner.....B. Hareidorn, Cor. Carmel

and Rhoda, Oakland.

Architect...None.

Day's work COST, \$450

(1262) N LONGFELLOW AVE 100 E
102nd Ave., Oakland, One-story 1-

room dwelling.

Owner.....C. Rainier, 315 51st, Okd.

Architect...None.

Contractor...Jno. Braney, — 43rd, Okd.

COST, \$100

Building Contracts Awarded.

Berkeley.

No.	Owner	Contractor	Am't.
1212	West Coast.....	Kalsomine	400
1215	Monson	Junk	2000
1216	United Bldrs	Owner	1200
1226	Escherich	Escherich	1800
1233	Jacobsen	Searle	1500
1234	Muro	Muro	1750
1235	Allen	Hambleton	400
1236	Preble	Button	750

(1212) BET. THIRD AND FIFTH,
Grayson and Snyder, Berkeley, One-
story 4-room office.

Owner.....West Coast Kalsomino Co.,
Premises.
Architect...None.
Day's work. COST, \$400

(1215) N CEDAR 200 E Euclid Ave.,
Berkeley. One-story 5-room dwlg.
Owner.....G. A. Monson, 2247 Tele-
graph Ave., Berkeley.
Architect...None.
Contractor..Junk-Riddell Co., 2247
Telegraph Ave., Berkeley
COST, \$3,900

(1216) W STANTON 290 S Ashby Ave.,
Berkeley. One-story 4-room dwlg.
Owner.....United Home Bldgs., 1762
Broadway, Oakland.
Architect...None.
Day's work. COST, \$1200

(1226) N HIGHLAND AVE 325 E
Euclid Ave., Berkeley. Alterations
and repairs.
Owner.....H. Escherich, 3529 Hilgard
Ave., Berkeley.
Architect...None.
Contractor..W. J. Escherich, 3529 Hil-
gard Ave., Berkeley.
COST, \$1800

(1233) W MCKINLEY 310 S Allston,
Berkeley. One-story 4-room dwlg.
Owner.....A. C. Jacobsen, 2212 Mc-
Kinley Ave., Berkeley.
Architect...None.
Contractor..A. E. Searle, 2338 McGee,
Oakland. COST, \$1500

(1234) N CHANNING WAY 35 E Cali-
fornia, Berkeley. One-story 5-room
dwelling.
Owner.....N. E. Munro, 301 1st Nat'l.
Bank Bldg., Berkeley.
Architect...None.
Day's work. COST, \$1750

(1235) NE HADDEN ROAD & BROOK-
lyn Ave., Berkeley. Alterations.
Owner.....Dr. I. R. Aiken, 327 Han-
over Ave., Berkeley.
Architect...None.
Contractor..Fred Hambleton, 575 13rd,
Berkeley.
COST, \$100

(1236) W ARCH 120 N Cedar, Berkeley
Alterations and additions.
Owner.....Chas. S. Preble, 1531 Aren,
Berkeley.
Architect...None.
Contractor..Frank Button, 1425 Shat-
tuck Ave., Berkeley.
COST, \$750

Building Contracts Awarded.

Alameda.

No.	Owner	Contractor	Amt.
1205	Masters	Shaw	400
1206	Mathebat	Borle	1900
1207	Blangue	Strang	400
1208	Freeman	Peterson	1400
1209	Singer	Singer	2000
1210	Adams	Nittler	400
1211	Owens	Probst	400

(Correction in Contractor's Name.)

(1203) SW SANTA CLARA & PARK
Aves W 27-6X8 60, Alameda. All
work except excavating, carpentry,
concrete, mill work and roofing for
one-story frame store.
Owner.....Tucker Investment Co.,
San Francisco
Architect...A. W. Pattiani, Merchants
National Bank Bldg., S. F.
Okd. Trinidad R and A Scott to
whom it may concern..Apr. 30, 1914

Contractor..H. C. Andresen, 1220 Pearl
Alameda.
Filed May 9, '14. Dated May 5, '14.
Ready for plaster.....\$468
Completed and accepted.....400
Usual 35 days.....300

Bond, \$600. Sureties, L. M. Euter and
C. J. Hammond. Limit, 60 days. For-
feit, none. Plans and specifications
fled.

(1205) NO. 456 CENTRAL AVE, Ala-
ameda. Lounging shed.
Owner.....G. H. Masters, Premises.
Architect...None.
Contractor..E. Shaw, 5th & Cental
Ave., Alameda.
COST, \$100

(1206) NO. 2319 LINCOLN AVE., Ala-
ameda. One-story dwelling.
Owner.....Antonie Mathebat, Prem.
Architect...None.
Contractor..C. A. Borle, 2117 Buena
Vista Ave., Alameda.
COST, \$1900

(1207) NO. 1721 SHERMAN, Alameda.
Addition to dwelling.
Owner.....E. Blangue, Premises.
Architect...None.
Contractor..F. N. Strang, 1331 Eighth,
Alameda.
COST, \$100

(1208) NO. 3235 MADISON, Alameda.
Owner.....J. R. Freeman.
Architect...None.
Contractor..T. S. Peterson, 2035 Parker
Berkeley.
COST, \$1400

(1209) CLINTON AVE & WILLOW,
Alameda. Two-story dwelling.
Owner.....L. M. Singer, 2068 Alameda
Ave., Alameda.
Architect...None.
Day's work. COST, \$2000

(1210) NO. 120 PACIFIC AVE., Ala-
ameda. One-story dwelling.
Owner.....C. Adams, 185 Russ, S. F.
Architect...None.
Contractor..N. Nittler, 2159 51st Ave.,
Oakland.
COST, \$400

(1211) SURE BEACH PARK, Ala-
ameda. Bath rooms and toilets.
Owner.....M. Owens, 1157 Webster,
Alameda.
Architect...None.
Contractor..L. Probst.
COST, \$100

COMPLETION NOTICES.

ALAMEDA COUNTY.

May 9, 1914—E DOLORIS, being Lot
25 Blk 5 Map 4th Ave Heights, Okd
Ida Fabing to F N Fabing..May 8, '14

May 9, 1914—S FIFTIETH 95.85 E
Shafter Ave E 33xS 92, Okd. Chas
McArthur to whom it may concern
.....May 9, 1914

May 9, 1914—S FIFTIETH 65.85 E
Shafter Ave E 33xS 92, Okd. Chas
McArthur to whom it may concern
.....May 9, 1914

May 11, 1914—PTN LOTS 186 & 187
Map Fremont Tract, Okd. Merle
Joseph Cunn to whom it may concern
.....May 2, 1914

May 11, 1914—N RICH 260 W Webster
W 40 N 145.28 E 41.31 SW 155.60.

May 12, 1914—S LINCOLN AVE — W
Willow, Ala. A A Boehn to H C
AndresenMay .., 1914

May 12, 1914—NE THIRTEENTH &
Webster E 100XN 50, Okd. H A
Powell to Kimball Elec. Co, May
11; J C Newcomb.....May 11, 1914

May 13, 1914—SW LYON AVE 331.10
NW High NW 39 by depth 155.76,
Okd. Emma E Randall to whom it
may concern.....May 12, 1914

May 13, 1914—LOT 46 BLK 27
Amended Map Regents Park,
Ikly. Carl Ericsson to whom it
may concern.....May 11, 1914

May 13, 1914—SE THIRTIETH AND
Linden 321½x90, Oakland. Louis
Schwartz to A J Waid..Apr. 15, '14

May 13, 1914—NE SEVENTEENTH &
Broadway N 60X E 56-02, Okd. Lucy
Fay Thomson by P J Walker Co.
Agents to Frederick W Snook Co.
California Plate & Window Glass
Co; Giant Suction Cleaner Co; C R
Watts and Lyden & Bickel Co....
.....May 4, 1914

May 13, 1914—SE SAN PABLO AVE
and Sixteenth NE 15.65 SE 80.10
SW 36.42 SW 75.19 N 67.46, Okd.
P J Walker Co. agents for First
Trust & Savings Bank to Randall
Elevator Door Control Co; Pierce
Hardware Co; W & J Sloane; F W
Snook Co; Conlin & Roberts;
Spencer Turbine Cleaner Co, Don-
ald Mowat; Newbery-Dendheim
Elec Co; Pacific Fire Extinguisher
Co; Bird Rymer Co; California
Artistic Metal & Wire Co; W P
Fuller & Co and H Maundrell....
.....May 4, 1914

May 14, 1914—S FIFTY-NINTH, bet
Grove and Genoa, being Lot 21 Blk
5, McKee Tract, Okd. Mr and Mrs
Lucia Zuaniel to E A Thompson....
.....May 8, 1914

May 14, 1914—COR. OF HAYWARD
and Estudillo Aves, San Leandro.
Bank of San Leandro to P P Quinn
.....May 11, 1914

May 14, 1914—NW HAAS AVE 338.15
NE E-Fourteenth 155x25., San Le-
andro. Leo J Saxton to F L Bur-
nettMay 14, 1914

May 15, 1914—SANTA CLARA AVE
No. 21-0, Ala. Mrs H J Gosse to
Aitchison & Son.....Apr. 29, 1914

May 15, 1914—LOT 9 BLK 6 Antisell
Villa Lots Tract, Ikly. Benj F
Sargent to De Kay & Co..May 14, '14

May 12, 1914—S WICKS LANDING
Ave 43 feet on E side; N Wicks
Landing Ave 150 ft; S Estabrook
168 ft; N Estabrook, 150 ft; S Har-
lan, 200 ft; N Harlan, 150 ft; S
Castro, 200 ft; N Castro, 312 ft.
San Leandro. W P R R to John
DriverMay 8, 1911

LIENS FILED.

ALAMEDA COUNTY.

May 8, 1914—LOT 58 Map Resbryn
Peralta Park Ikly. Paraffine Paint
Co vs C M Blabon, E B and Alberta
Fontaine and Viola E Studer.....\$100

May 8, 1914—LOT 12 AND E 20 LOT
14 Map Blvd Terrace, Okd. W P
Fuller & Co vs H S White.....\$76.57

May 7, 1914—S TWENTY-SECOND
360 E Webster E 51xS 162, Okd.
Downey Cavasso Glass & Paint Co
vs D Miller.....\$87.09

May 8, 1914—S TWENTY-SECOND
350 E Webster E 51xS 162, Oakland.

Paraffine Paint Co vs D Miller. \$244.30
 May 11, 1911—S TWENTY-SECOND
 360 E Webster E 51xS 162, Okd. W
 Delacour (Delacour Art Glass
 Works), \$117; Rice & Tobey, \$34 vs
 D Miller.....\$151.30
 May 12, 1914—N NINTH 60 W Madlson
 from W 75xN 100, Okd. Janson from
 Works vs Geo Tuman, Sarah J
 Hastings, N A Thompson, E M
 Reash and Frank W Aitken.....\$140
 May 12, 1914—E THIRTEENTH AVE
 327.75 N Evans N 40x E 110, Okd.
 L Zwaal vs Joseph E Cochran and
 E W Woodard.....\$53.30
 May 12, 1914—PTN LOTS 6 AND 7
 Map Ptn Estate Wm Tyson, Wash-
 ington Tp. Robert Howden vs
 Clarence E and Clara A Marten-
 stein and F C Griffin & Sons.....\$76.30
 May 12, 1914—S TWENTY-SECOND
 360 E Webster E 51xS 162, Okd. E
 H Parker and L W Lea, \$146; J C
 Sullivan, \$55; J C Sullivan, \$132.40
 vs D Miller.....\$33
 May 12, 1914—E 25 FEET LOT 9
 and 36 feet Lot 10 W 36 feet of N
 31 feet Lot 19 and E 15 feet of N
 31 feet Lot 20 Map Harmon Est,
 Okd. Robert Daiziel Jr vs D Miller
\$33
 May 13, 1914—S TWENTY-SECOND
 360 E Webster E 51xS 162, Okd.
 De Luchi-Shufeld Co vs D Miller
\$99
 May 13, 1914—LOT 30 Map Coronado
 Tract, Okd. Marshall & Mayfield
 vs C A Anderson and Arthur Har-
 grave.....\$13.55
 May 13, 1914—LOTS 1 AND 2 BLK 5
 Map Cragmont, Bkly. Marshall &
 Mayfield vs C A Anderson and D
 E Wiseman.....\$22.15
 May 13, 1914—SW AMETHYST (now
 40th) 163-56 N Howe SW 80 NW
 51 NE 79 SE 56-6, Okd. Marshall
 & Mayfield vs C A Anderson and
 Thomas Dowdell.....\$81.40
 May 13, 1914—LAT 4 Boyd Place,
 Bkly. M I Diggs vs George F
 Drake.....\$300

SAN JOSE & SANTA CLARA CLARA VALLEY.

RESIDENCE—2 story and base,
 frame. Cost not stated. Palo Alto,
 Santa Clara Co., Cal. Architect, John
 Hudson Thomas, First National Bank
 Bldg., Berkeley. Owner, H. L. Hachl.
 The dwelling has been designed for
 an eight-room house with bath and
 sleeping porch. Interior finish will be
 of pine and redwood. Hardwood floors
 will be used in the principal rooms.
 There will be furnace heat and open
 fire places. Mantels will be of tile or
 brick. Bath room will have tile floor
 and wainscot. An automatic water
 heater will be installed. Exterior of
 the house will be covered with cement
 plaster on metal lath. Plans are
 nearly ready for figures and a contract
 will be let next week.

EUNGALOW—1 story and base,
 frame, \$2,500. San Jose, Santa Clara
 Co., Cal. Architect, none. Owner, T. L.
 Marteo, 300 Bird avenue, San Jose. The
 house has been designed for a five-
 room house and will be erected on Bird
 avenue. Interior finish will be of pine
 throughout. There will be some oak
 floors. A large open fire place will be
 used in the living room. Mantel will
 be of tile. The wainscot will be used
 in the bath room and kitchen. An au-
 tomatic water heater will be installed.

Exterior of the dwelling will be covered
 with rustic and cement plaster on
 metal lath. Plans are complete and the
 work will be done by Day Labor.
 CHAPEL—1 story, frame and plaster,
 \$1,000. San Jose, Santa Clara Co.,
 Cal. Architect, none. Owners, The
 Santa Crista Church Society. The
 building will be erected on North
 Santa Clara street between 28th and
 29th streets adjoining the other church
 property. Interior will be finished in
 pine throughout. Exterior of the
 building will be covered with cement
 plaster on metal lath. Plans are com-
 plete and in the hands of the owners
 who will do the work by Day Labor.

THEATRE AND STORES—1 story
 and base, brick and steel, \$15,000. Palo
 Alto, Santa Clara Co., Cal. Architect,
 J. Henry Bohrer, Delger Bldg., Oak-
 land. Owners, Boardman Estate. The
 building will be erected on one of the
 principal corners of the city, and has
 been designed to contain stores as well
 as a large motion picture theatre. In-
 terior finish will be of pine. Construc-
 tion will be fireproof throughout.
 There will be special electric wiring
 and patent store fronts. Exterior of
 the building will be faced with cement
 plaster. Plans are complete and the
 contract will be awarded on a percent-
 age basis.

LODGE HALL—2 story and base, re-
 inforced concrete. Cost not stated.
 Gonzales, Monterey Co., Cal. Architect,
 H. B. Douglass, Pajaro Bank Bldg.,
 Watsonville. Owners, Trustees of the
 Gabriel Lodge No. 372 I. O. O. F. of
 Gonzales. The building will be erec-
 ted on 4th street and will be arranged
 for stores on the first floor and lodge
 room above. Interior finish will be of
 pine throughout with some maple
 floors. Patent store fronts will be
 used. Exterior of the building will be
 faced with cement plaster. Bids have
 been taken on the work and a contract
 will be awarded shortly.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

SW FOURTEENTH AND SAN SALVA-
 dore, San Jose. Six-room cottage.
 Owner.....H. V. Kinsell, Premises.
 Architect.....None.
 Day's work.....COST, \$2635

NO. 670 N-SAN PEDRO, San Jose. 5-
 room cottage.

Owner.....C. A. Thomas, 676 N-San
 Pedro, San Jose.
 Architect.....None.
 Day's work.....COST, \$2000

NO. 286 S-NINTH, San Jose. Six-room
 bungalow.

Owner.....W. M. Lewis, Premises.
 Architect.....None.
 Day's work.....COST, \$2000

NO. 453 N-ST. James, San Jose. Five-
 room cottage.

Owner.....Ed. Wells, Premises.
 Architect.....None.
 Day's work.....COST, \$2000

NO. 20 HULL AVE., San Jose. Five-
 room cottage.

Owner.....Lee Gardiner, 197 Haw-
 thorne Way, Oakland.
 Architect.....None.
 Day's work.....COST, \$1600

NO. 137 S-THIRTEENTH, San Jose.

One and one-half-story residence.
 Owner.....Mrs. Georgina Janes, Prem
 Architect.....None.
 Contractor.....R. C. Hershback, 220 W-St.
 James, San Jose.
 COST, \$3500

S-FIRST, bet First and Market, San
 Jose. One and two-story brick busi-
 ness building.

Owner.....Fahrmann & McCormick,
 Premises.

Architect.....Wm. Binder, Rea Bldg.,
 San Jose.

Contractor.....R. O. Summers, 17 North
 Market, San Jose.
 COST, \$12,905

NO. 900 BIRD AVE., San Jose. Five-
 room cottage.

Owner.....T. L. Marten, Premises.
 Architect.....None.
 Day's work.....COST, \$2500

N SANTA CLARA, bet 28th and 29th,
 San Jose. Santa Crista Chapel.

Owner.....The Santa Crista Church
 Society, Premises.

Architect.....None.
 Day's work.....COST, \$1000

CLINTON AVE, Palm Haven Tract, San
 Jose. Six-room cottage.

Owner.....Edw Wilson, Premises.
 Architect.....None.

Contractor.....Al Compton, 447 N-17th,
 San Jose.
 COST, \$2500

CINNABAR AND MONTGOMERY STS.,
 San Jose. All work for two-story
 reinforced concrete fruit packing
 house.

Owner.....Castle Bros., 104 Pine St.,
 San Francisco.

Architect.....Wm. Binder, Rea Bldg.,
 San Jose.

Contractor.....Z. O. Field, 113 W-Santa
 Clara, San Jose.

Filed May 2, '14. Dated Apr. 29, '14.

Between 1st and 6th of each month
 payments of 75%.

Usual 35 days..... 25%
 TOTAL COST, \$19,767

Bond, \$9885. Surety, Pacific Coast
 Casualty Co. Limit, 90 days. Forfeit,
 \$15. Plans and specifications filed.

LOT 1 BLK 16 Chapman and Davis Tct
 San Jose. All work for frame dwlg.

Owner.....A. Schoenfeld, S. F.
 Architect.....None.

Contractor.....L. Lewis, San Jose.

Filed May 4, '14. Dated Apr. 30, '14.

Frame up\$510
 When plastered 510

When completed 510
 Usual 35 days..... 510
 TOTAL COST, \$2160

Bond, none. Limit, 65 days. Forfeit,
 none. Plans and specifications filed.

PIERCE AVE., bet Lot 12 of Her-
 mann and Pearce Subdivision, San
 Jose. All work for one-story frame
 dwelling.

Owner.....H. J. Pascoe, 53 Locust St.,
 San Jose.

Designer.....C. S. Collins.

Contractor.....C. S. Collins, 630 Willow
 St., San Jose.

Filed Apr. 30, '14. Dated Apr. 27, '14.

Frame up\$150

1st coat plaster on 450

When completed 450
 Usual 35 days..... 450
 TOTAL COST, \$1800

Bond, none. Limit, 90 days. Forfeit, \$1. Plans and specifications filed.

LOT 1 BLK 81 Naglee Park Tract No. 4, San Jose. All work except iron work, plumbing, tinning, hardware, roof painting for one-story frame residence and garage.

Owner.....Mrs. H. O. Kinsell, 879 S. 9th, San Jose.
Designer...Aitken & Richards, 16 Theatre Bldg., San Jose.
Contractor...B. F. Richards, San Jose.
Filed Apr. 30, '14. Dated Apr. 28, '14.
Frame up 25%
1-st coat plaster on 25%
When completed 25%
Usual 35 days..... 25%
TOTAL COST, \$263.30

Bond, \$1317. Sureties, John Duffield and Sarah C. Sorely, Limit, 75 days. Forfeit, \$10. Plans and specifications filed.

STANFORD UNIVERSITY GROUNDS, Palo Alto. Wrecking a portion of the Stanford Museum.
Owner.....Stanford University Trustees, Palo Alto.
Architect...None.

Contractor...C. A. Brady, 180 Jessie, San Francisco.

Filed May 7, '14. Dated May 4, '14.
End of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$7436

Bond, \$3718. Surety, Aetna Accident & Liability Co. Limit, 120 days. Forfeit, none. Plans and specifications filed.

HANCHETT PARK, Lot 14, San Jose. All work for one-story frame dwlg.
Owner.....H. C. Fridley, 15 Fuller Ave., San Jose.

Architect...F. D. Wolfe, 1st National Bank Bldg., San Jose.

Contractor...C. H. Hinds,

Filed May 4, '14. Dated May 1, '14.
Frame up \$706.25
1st coat plaster on 706.25
When building completed..... 706.25
Usual 35 days 706.25
TOTAL COST, \$2825.00

Bond, \$1412.50. Sureties, Otto and Walter Schnabel. Limit, 75 days. Forfeit, none. Plans and specifications filed.

IN SANTA CLARA COUNTY. All work except concrete work for frame dwelling.

Owner.....C. Greenleaf, San Jose.
Designer...T. C. Hastings.

Contractor...T. C. Hastings, 31 South Morrison Ave., San Jose.

Filed Apr. 25, '14. Dated Apr. 4, '14.
Frame up \$425
1st coat plaster on 425
When completed 425
Usual 35 days..... 425
TOTAL COST, \$1700

Bond, \$850. Sureties, J. McCormick & J. H. Nichols. Limit, 65 days. Forfeit, \$2. Plans and specifications filed.

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED ACCEPTED
May 2, 1914—LOTS 2 AND 4 BLK 22, Los Altos. Irene Sabin Merrill to McKenzie & Pinkerton. Apr. 22, '14
May 4, 1914—LOT 4 BLK 17, Washington Sub, San Jose. C Rasmusen to whom it may concern.....April 30, 1914
May 4, 1914—LOT 18 BLK 80 Naglee

Park, San Jose. E D Elder to A M Whiteside.....May 2, 1914
May 5, 1914—THIRD AND SANTA Clara, San Jose. Y M C A to R O Summers.....April 28, 1914

LIENS FILED.

SANTA CLARA COUNTY.

RECORDED AMOUNT
Apr. 27, 1914—LOT 27, Phelan Trct, San Jose. A J Coe vs J J Silveira, P L Silveira (formerly P L Freitas) and W M Moore\$15.85
Apr. 27, 1914—SARATOGA, CAL. White Bros vs C K Small.....\$117.98
Apr. 27, 1914—SARATOGA, CAL. National Mill & Lumber Co vs C K Small\$28.30
Apr. 30, 1914—SARATOGA, CAL. San Jose Brick Co vs C K Small.....\$52.40

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

SCHOOL—1 story and base, frame, \$10,000. Lansdale, Marin Co., Cal. Architect, J. W. Dolliver, Royal Insurance Bldg., S. F. Owners, Lansdale School District. The building will contain four rooms and an assembly hall. Interior finish will be of pine throughout. There will be a warm air system of heating. Black boards and modern school plumbing will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

HOSPITAL LIGHTING FIXTURES.—Cost not stated. Lucas Valley, Marin Co., Cal. Architect, Thomas O'Connor, San Rafael. Owners, Marin County. Plans have been completed for the installation of lighting fixtures in the new County Infirmary at Lucas Valley. Plans and specifications can be secured from the architect or County Clerk at San Rafael. Bids will be opened on May 21st.

BUILDING CONTRACTS.

MARIN COUNTY

SITUATE IN SAUSALITO, Carpenter work, plastering, etc. on building.
Owner.....Marguerite A. Sims, Alameda.

Architect...Fletcher & Winlund, Oakland.
Contractor...Fletcher & Winlund, Plaza Bldg., Oakland.

Filed May 11, '14. Dated ———.
Payments to be paid at amount of 10% added to the cost per working day as their commission

TOTAL COST, \$4000
Bond, limit, forfeit, none. Plans and specifications filed.

TOWN OF ROSS, Carpenter work, plastering, plumbing, etc., for dwlg.
Owner.....Harry S. Scott, Ross.

Architect...W. Garden Mitchell and Chas. E. Hodges, Bankers' Invest. Bldg., San Francisco

Contractor...A. F. Hanson, Fairfax.

Filed May 11, '14. Dated ———.
Frame up\$1032
When plastered 1032
Interior work finished..... 1032
When completed 1032
Usual 35 days..... 1381
TOTAL COST, \$5509
Bond, \$2754. Surety, United States Fi-

delity & Guaranty Co. Limit, 90 days Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED ACCEPTED
May 13, 1914—BOYLE PARK, Mill Valley. Walter F Allen to Myrl R Crane.....April 23, 1914

RELEASE OF LIENS.

MARIN COUNTY.

RECORDED AMOUNT
May 13, 1914—San Rafael, Plant Lumber & Supply Co, \$172.57;
Crane Co, Corp, \$756.32 to Dominican College, H M Hoffman and W L Meuser

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
May 9, 1914—LOTS 31, 32 AND 33 Blk 58, City of Richmond Tract. Mrs. Mary Peres to Eluth & MortonMay 1, 1914
May 12, 1914—RANCHO LOS NEGROS and lands easterly thereof. Balfour, Guthrie & Co to State Construction Co.....May 5, 1914
CESSATION OF LABOR.

May 14, 1914—LOT 4 BLK "A" Map Claremont, Bkly. Helena Kathryn Bowman with Bay City Bldg Co Work CeasedApril 3, 1914

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

SCHOOL—2 story and base. Cost not stated. Fresno, Fresno Co., Cal. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owners, City of Fresno. Preliminary plans have been prepared under the direction of W. D. Coates, Supervising Architect, for the Emerson School. No details of the buildings have been made public, but it is understood that it will be one of the largest of the new schools to be erected at Fresno. All modern school appliances will be installed. Further details will be given as the work progresses.

SCHOOL—2 story and base, brick. Cost not stated. Fresno, Fresno Co., Cal. Architects, Glass & Butler, Fresno. Owners, City of Fresno. The building has been designed for a seven-room school with an assembly hall. Interior finish will be of pine throughout. Maple floors will be used in the class rooms. There will be steam heat, an oil burning plant and vacuum cleaning. Exterior of the building will be faced with brick. Plans will be completed shortly.

OFFICES—6 story and base. Glass A construction. Cost not stated. Bakersfield, Kern Co., Cal. Architect, T. B. Wiseman, Producers' National Bank Bldg., Bakersfield. Owners, H. J. Brandt and W. E. Underwood. The building will be erected at the corner of 16th and Chester streets, and will cover a large area. Construction will be fireproof with a complete steel

Frame, reinforced concrete walls, floors and roof slabs. There will be a number of stores on the first floor besides the entrance to the upper floors. Upper floors will be arranged for modern offices. Plans provide for steam heat, elevator service and a hot water supply. Interior finish will be of pine and hardwood. Metal window sash and frames are specified. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

COURT HOUSE—2 story, base and dome, reinforced concrete, \$30,000. Alturas, Modoc Co., Cal. Architect, De lungehamps, Reno, Nev. Owners, Modoc County. All figures for the construction of this building under revised plans have been received and will either be awarded or rejected at the Wednesday meeting of the Board of Supervisors.

LODGE HALL—2 story and base, brick and steel. Cost not stated. Auburn, Placer Co., Cal. Architect, Allen D. Fellows, East Auburn. Owners, Masonic Temple Association. The building will be erected on a corner and will occupy a considerable ground area. The first floor has been designed for stores while the upper floors will be used for lodge rooms and a large auditorium. Interior will be finished in pine and hardwood with maple floor in the auditorium. There will be steam heat. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans have been prepared and figures will be called for shortly.

HIGHWAY CONSTRUCTION — Cost not stated. Ukiah, Mendocino Co., Cal. Engineer, County Surveyor R. E. Donohue, Ukiah. Owners, Mendocino County. Plans have been completed for constructing Section 1 of the proposed Navarro Grade and figures on the work are now being called. Bids will be opened on June 2nd. Plans and specifications can be secured from the County Surveyor at Ukiah. An official proposal appears in another column of this issue.

RESIDENCE — 2 story and base, frame, \$8,000. Galt, Sacramento Co., Cal. Architect, Harvey Partridge Smith, Blake Bldg., Oakland. Owner, Mayrus Mitling. The house has been designed to contain eight rooms, two baths and sleeping porch. Interior finish will be of pine and redwood with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors. An automatic water will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

SCHOOL—2 story and base, brick and steel. Cost not stated. Stockton, San Joaquin Co., Cal. Architects, Stone & Wright, 24 California street, Stockton. Owners, City of Stockton. Bids opened at the last meeting of the Board of Education for the construction of the West Side School show Daniels & Green of Stockton low at \$71,841. They will probably be awarded the contract.

A complete list of the bids as opened appears under the heading of Sacramento, Stockton and Northern California in this issue.

CONSERVATORY—1 story, steel and plaster. Cost not stated. Sacramento, Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Plans have been completed for the construction of a new conservatory on the grounds of the State Capitol. Bids will be opened for the work on June 8th. On the same day bids will also be opened for the superstructure work for a new greenhouse which will also be erected on the State Capitol Grounds. Plans and specifications for the work can be secured from the State Department of Engineering. An official proposal appears in another column of this issue.

WAREHOUSE—2 story and base, frame, \$2,500. Sacramento, Cal. Architect, none. Owners, Gladding-McBean Co., Crocker Bldg., S. F. The building will be erected at the southeast corner of 24th and R streets, and will cover a large area. No interior finish will be used. There will be a cement floor. Exterior of the building will be faced with corrugated iron. Plans are complete and the work will be done by Day Labor.

HALL OF RECORDS LIGHTING FIXTURES—Cost not stated. Colusa, Colusa Co., Cal. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Colusa County. Plans and specifications have been completed for furnishing and installing light fixtures in the new hall of records at Colusa. Bids will be opened on June 2nd. An official proposal appears in another column of this issue.

Stockton School Bids As Opened Yesterday.

Twelve Sets of Figures Opened at Stockton for New West Side School. Award to be Made.

(By Special Wire)

STOCKTON, CAL., May 15, 1914—Bids opened in Stockton today for the construction of the West Side High School show Daniels & Green of Stockton low at \$71,841. An award of contract will probably be made tonight. L. Cereghino & Son of San Francisco bid \$72,900 and Robert Powell of Stockton bid \$72,691. Twelve bids in all were submitted. The building was designed by Architects Stone & Wright of Stockton.

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

LOT 20, Urban Court, Sacramento. One-story frame dwelling.

Owner.....Oscar H. Braugher, 1630 N. St., Sacramento.

Architect.....None.

Contractor...B. E. Scoble, 620 14th St., Sacramento.

COST, \$1750

S 23½ FT. LOT 1, K, L, 2ND AND 3RD STS., No. 1114 2nd St., Sacramento. Build brick bake oven in basement of building.

Owner.....Harry Goldstein, Premises Architect.....None.

Contractor...Chas. A. Vanina, 202½ M St., Sacramento.

COST, \$600

N ¼ OF LOT 1, I, J, 2ND AND 3RD STS., No. 903 2nd St., Sacramento. Place bar fixtures and construct balcony in saloon.

Owner.....Harvey Rasmussen, Prem. Architect.....None.

Contractor...Sacramento Cabinet Co., 12th & B Sts., Sacramento.

COST, \$900

LOT 97 BLK "E" Oak Grove, Sacramento. One-story frame porch on dwelling.

Owner.....G. R. Clegg, Live Oak, Sutter Co., Cal.

Architect.....None.

Contractor.....L. T. Pond, Live Oak, Sutter Co., Cal.

COST, \$200

PTN 8 ACRES, Shaw Batchelor Co., 31st bet. Stockton Road and R St., Sacramento. Fifteen four-room frame dwellings.

Owner.....Libby, McNeil & Libby, 31st & P Sts., Sacramento. Architect.....None.

Contractor...E. A. Pierce, Forum Bldg., Sacramento.

COST, \$600 each

E 32 FT. LOT 7, M, N, 23RD AND 24TH STS., No. 2315 N St., Sacramento. Raise dwelling and finish off 1st floor of five-room dwelling.

Owner.....F. H. Loyd, Premises.

Architect.....None.

Contractor...C. C. Foy, 2315 M St., Sacramento.

COST, \$1300

E ½ OF W ½ LOT 3, J, K, 2ND & 3RD STS., No. 220 K St., Sacramento. One story brick 12-room lodging house.

Owner.....Mrs. S. Retzenefsky, 709 O St., Sacramento.

Architect.....F. A. Schardin, 610 ½ K St., Sacramento.

Contractor...Miller Bros., 1400 P St., Sacramento.

COST, \$8942

LOT 1548 TRACT 24, Wright & Kimbrough, Sacramento. Two-story 9-room frame dwelling.

Owner.....L. T. Allee, 719 K St., Sacramento.

Designer...W. K. Bartges, 2009 G St., Sacramento.

Contractor...J. Harry Wygant, 2100 X St., Sacramento.

COST, \$1140

LOT 14 (one acre) MONTE VISTA-Monte Vista Ave., Sacramento. Two-story frame barn.

Owner.....John Rasmussen, Monte Vista.

Architect.....None.

Day's work.

COST, \$300

E 10 FEET S ½ LOT 2 W 22½ FT. LOT 3, P, Q, 4th and 5th Sts. (rear) No. 418 P St., Sacramento. One-story 7-room frame dwelling.

Owner.....Lorance Yutronic, Prem. Architect.....None.

Contractor...Peter Leoni, 1330 V St., Sacramento.

COST, \$2100

E 20 FT. S $\frac{1}{2}$ OF W $\frac{1}{2}$ LOT 2, H. I. 7th and 8th (rear 710-712 H St.), Sacramento. Move house to rear of Lot 8 and finish off into 4 flats (3-rooms and bath.)

Owner.....Frank Hickman, 724 T St., Sacramento.

Architect...None.

Contractor...Mathews Construction Co., Forum Bldg., Sacramento.
COST, \$1250

E 20 FT. OF W $\frac{1}{2}$ LOT 2, H. I. 7th and 8th (rear 706-708 H St.), Sacramento. Move house to rear of Lot 8 and finish off into 4 flats (3-room and bath).

Owner.....Frank Hickman, 724 T St., Sacramento.

Architect...None.

Contractor...Mathews Construction Co., Forum Bldg., Sacramento.
COST, \$1250

N $\frac{1}{2}$ OF W $\frac{1}{2}$ LOT 4 AND N 60 FT. OF E $\frac{1}{2}$ OF Lot 4, I. J. 4th and 5th Sts., Sacramento. Wood porch on rear of building.

Owner.....Frederick Mier Co., 1229 L St., Sacramento.

Architect...None.

Contractor...Chas. A. Vanina, 2022 M St., Sacramento.
COST, \$950

S $\frac{1}{2}$ OF S $\frac{1}{2}$ LOT 4 W. X, 29TH AND 30th, No. 2316 30th St., Sacramento. One-story five-room frame dwlg.

Owner.....R. H. Lambert, 3215 33rd St., Sacramento.

Architect...None.

Contractor...Robert Powell Co., 2811 T St., Sacramento.
COST, \$2500

S $\frac{1}{2}$ OF N $\frac{1}{2}$ LOT 8, H. I. 30TH & 31ST Sts., Sacramento. One-story frame dwelling.

Owner.....John Eirich, 3016 H St., Sacramento.

Architect...None.

Contractor...E. W. Book, 2912 G St., Sacramento.
COST, \$2500

N $\frac{1}{4}$ OF LOT I, F. G. 22ND AND 23RD Sts., Sacramento. Private garage.

Owner.....T. W. Knox, 601 22nd St., Sacramento.

Architect...None.

Day's work. COST, \$300

S 40 FT. OF W 160 OF LOT "A" W J Lander's Add'n "A," Sacramento. Move building back and finish off interior of dwelling.

Owner.....Benj. Bean, 2304 $\frac{1}{2}$ O St., Sacramento.

Architect...None.

Contractor...B. H. Bill, 3215 4th St., Sacramento.
COST, \$300

N $\frac{1}{2}$ OF LOT 5, I. J. 19TH & 20TH Sts., No. 918 20th St., Sacramento. Two-story brick addition to warehouse.

Owner.....H. L. Dean, Premises.

Architect...None.

Contractor...C. C. Finegan, 823 Q St., Sacramento.
COST, \$2500

E $\frac{1}{2}$ LOT 2, H. I. 18TH AND 19TH STS Sacramento. Build sleeping porch.

Owner.....Mrs. H. R. Suthiff, 1812 H St., Sacramento.

Architect...None.

Contractor...M. D. Smith, 1905 1 St., Sacramento.

COST, \$450

LOT 66 Prin Ave near Riverside Road, Sacramento. Frame addition to dwlg.

Owner.....Frank Corey, Premises.

Architect...None.

Day's work.

COST, \$300

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—4 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architect, C. W. Stewart, Waverly Apartments, L. A. Owner, Walter I. Wilson, 725 West 21st street, L. A. The building will be erected on West street and will have a frontage of 40 by 100 feet. Interior has been arranged for a total of 72 rooms with baths and wall beds. Interior finish will be of pine and hardwood veneer. Some oak floors will be used. Plans provide for steam heat and a hot water system. Bath rooms will be finished in tile and composition floors. Entrance will be finished in tile and marble. Exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for shortly.

MOTION PICTURE FACTORY Group of 2 and 3 story, reinforced concrete, \$1,000,000. Los Angeles, Cal. Architects, S. Tilden Norton and F. H. Wallis, Title Insurance Bldg., L. A. Owners, Universal Film Company. An official of the film company is coming from the principal office in New York to supervise all construction work. A reinforced concrete wall 18 feet high will be constructed along the property line where it faces public highways. The buildings will include the administration building, projecting theatre, restaurant to seat 500 people, planning mill and carpenter shop, 300 dressing rooms, several stages, one of which will be 600 feet long, emergency hospital, property rooms, scene painting rooms, laboratory, power plant, etc. All the buildings will be of Mission design, of reinforced concrete construction, with tile and composition roofs.

HOTEL—2 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, Albert C. Martin, Higgins Bldg., L. A. Owner, Mrs. Antone Milovitch. The building will be erected on High street near Ord, covering an area of 83 by 50 feet. The first floor will contain five stores and the hotel entrance. Upper floor has been arranged for twenty rooms and a number of public baths. Interior finish will be of pine with some redwood. Plans provide for steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are being prepared.

RESIDENCE—2 story and base, frame and plaster. Cost not stated. Santa Monica, Los Angeles Co., Cal. Architect, A. C. Martin, Higgins Bldg., L. A. Owner, Thomas Higgins. The dwelling has been designed to contain fifteen rooms, three baths and sleeping porches. Interior will be finished in pine and hardwood. Hardwood and inlaid floors will be used in the principal rooms. Plans provide for steam heat and a hot water supply. Bath rooms will be finished in tile and will

be equipped with showers. Open fire places will be used in the principal rooms. Mantels will be of tile and marble. A vacuum cleaning system will be installed. Exterior of the house will be covered with cement plaster. Plans are complete and figures are being taken.

SCHOOL—2 story and base, reinforced concrete, \$20,000. Lancaster, Los Angeles Co., Cal. Architect, E. I. Hopkins, Delta Bldg., L. A. Owners, Lancaster School District. A one-story building to contain four class rooms, besides laboratory rooms, study rooms, etc., and a dormitory to accommodate thirty students will be erected. Both will be of reinforced concrete construction with pine finish and floors, furnace heat, composition roofs, and plumbing. Plans are being prepared.

BANK AND OFFICES—7 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architects, Reid Bros., California-Pacific Bldg., S. F. Owner, Harriet C. Merritt. The building will be erected at the corner of 8th and Broadway, covering an area of 60 by 115 feet. The stories will be higher than usually constructed, and the height of the building will be 115 feet. There will be stores in the first story and a bank in the second. The upper floors will be arranged for office purposes. The seventh story being occupied by the Merritt Corporation. The building will be of steel frame and brick construction, and will have reinforced concrete floors, sidewalk lights, pressed brick and stone facing, plate glass windows, marble finish in the lobby and corridors, hollow tile partitions, metal frames and sash, hardwood trim, three elevators, marble stairways, steam heat, vacuum cleaning. Plans are complete and figures are being taken.

Contracts Awarded.
WAREHOUSE—4 story and base, brick and steel, \$43,000. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Mrs. S. H. Van Nuys. Contractors, Alta Planning Mill Co., \$20 McGarry street, L. A. Contract price, \$43,000.

PORTLAND AND OREGON.

APARTMENT HOUSE—4 story and base, brick and steel, \$50,000. Portland, Ore. Architects, Claussen & Claussen, Macley Bldg., Portland. Owner, C. C. Brown. The building will be erected on Madison between Broadway and Park street with a frontage of 50 feet and a depth of 100 feet. Plans show a total of 34 suites of three and four rooms each with bath and wall beds. Interior finish will be of pine and hardwood veneer. There will be steam heat, elevator service, vacuum cleaning and a hot water supply. All bath rooms will have tile wainscot and composition floors. Marble and tile will be used in the entrance. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken.

SCHOOL—2 story and base, brick, \$26,000. McMinnville, Ore. Architect, Ernest Kroner, Worcester Bldg., Portland. Owners, McMinnville School District. The building has been designed to contain six class rooms, principal's office and an assembly hall. Interior will be finished in pine throughout.



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Maple floors will be used in the class rooms. Plans provide for furnace heat and modern school plumbing. Exterior will be faced with pressed brick. Plans are now being prepared and figures will be called for within the next three weeks.

SEATTLE AND WASHINGTON.

APARTMENT HOUSE--2 story and base, brick and steel, \$30,000. Seattle, Wash. Architects, Thompson & Thompson, Mutual Life Bldg., Seattle. Owner, S. A. Martin. The building will be erected on Republican street, covering an area of 41 by 83 feet. There will be a number of two and three room suites with wall beds and private bath rooms. Interior finish will be of pine and hardwood veneer. Plans provide for steam heat and a hot water supply. All bath rooms will have tile wainscot and composition floors. Entrance will be finished in tile and marble. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE -- 2 story and base, brick, \$20,000. Seattle, Wash. Architect, Julian Everett, Boston Block, Seattle. Owner, Dr. O. F. Lawson. The dwelling will be erected on Federal avenue on a large plot of ground which will be laid out in formal gardens. The dwelling has been designed to contain ten rooms and several baths. Interior finish will be largely of hardwood with pine used in the servants' rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. All bath rooms will have tile wainscot and floors and will be equipped with showers. An automatic water heater will be installed. Vacuum cleaning is also specified. Exterior of the house will be faced with pressed brick. Plans are complete and figures are being taken.

THE WEAKNESS OF THE LIEN LAW

By Lloyd S. Ackerman.

The Mechanics' Lien Law is a vast improvement over the former one, and we owe a debt of gratitude to the sturdy fighters who represented the Buildings Trades at the 1911 session of the Legislature, and to whose tireless efforts the passage of the present law is attributable. There has been less litigation under the existing law by more than 40% than there was under the old system. The fact that no case has yet reached the Appellate Courts of this State in which the con-

stitutionality of the new system has been attacked is proof conclusive that it furnishes no encouragement to litigation and that under its clearly defined provisions the owner and the general contractor have exercised sufficient caution in building operations to guard against the consequences of the direct lien. All mechanics' lien laws are designed to furnish protection to the person or persons whose work, labor or materials enters into the construction of a building. The theory of these laws in all the states is that such persons should not be required to look to the personal credit of the person by whom they are employed, but having by their own hands or acts made their work an inseparable portion of the owner's land, the land must stand security for the payment. I propose in this article to consider the efficacy of statutes authorizing liens as a real protection to contractor, material man and mechanic, and shall confine my consideration exclusively to the existing law in this State.

I concede that the direct lien is vastly to be preferred to the lien on the fund due from owner to general contractor from the standpoint of the person who does work or furnishes materials. Formerly the improvident contractor who dissipated the payments received from the owner and diverted them from their proper course could defeat the rights of sub-contractor, laborers and materialmen whose sole recourse for their compensation was the money due the contractor by the owner. If the contractor had incurred liabilities to laborers, materialmen, etc., to an amount of \$5,000 and his payments remaining due under the contract were only \$2,500, the persons who furnished labor and materials were obliged to divide the \$2,500 between them and receive fifty cents on the dollar for their work through no fault of their own. This condition, happily, is now changed and sub-contractors, laborers and materialmen now are given a means whereby they may obtain payment in full for their work, and this by virtue of the direct lien which has nothing to do with the state of accounts between the owner and the original contractor. How does this work out in practice? Has the person who furnishes labor and materials a real as distinguished from an apparent security for his work? To determine this question let us examine a typical case which now arises with increasing frequency. A contract is let for construction of a building, the general

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contractor finds that he has bitten off more than he can chew, the claims of persons who have furnished labor and materials aggregate \$6,000, the amount due the contractor from the owner is \$4,000. These persons demand their money in full. The owner says, "I can only pay you 66% on your claims. I only owe the contractor \$4,000 and your demands aggregate \$6,000. You will have to take your proportion of the amount due the contractor." "Ah," replies the sub-contractor, etc., "but we have the direct lien and if you do not pay us we will file liens against your property."

"Alright," says the owner, "go ahead and lien."

Now to the unrelated this would seem to be a problem simple of solution from the lien claimant's point of view. But is it? Let us take the case of one of the sub-contractors as an example. He is a plasterer and has a claim against the building for \$1,500. He goes to his attorney and is advised to file a lien. He inquires how long it will take to foreclose and he is told possibly six months, possibly a year. He anxiously informs his attorney that he needs the money to carry on other jobs, that he can't wait that long, that he must have the money now. The attorney is powerless. The sub-contractor rushes back to the owner and lays his difficulty before him. The owner is indifferent and refuses to help. The result is in nine cases out of ten the sub-contractor takes his 66c on the dollar, and the owner without the slightest legal excuse defrauds him out of the just proceeds of his honest toil.

This is one case. Take another and more flagrant one. The owner decides to build without the general contractor. He farms out all his contracts to different contractors and material men. All his contracts are therefore original. When the work on the building is completed and final payments are due on the various contracts, the unscrupulous owner decides that he will wring a few dollars from the necessities of his contractors. His total obligations were originally \$60,000. His final payments aggregate \$12,500. He sees an easy way to make \$1,350, and so he tells all of his contractors that he is short of money, and he is very sorry to inform them that if they want immediate settlement they will have to take 90% of their just claims. "Of course if you want to wait," he informs them, "for two or three months I can pay you in full." Again the contractor consults his attorney and the

poor man of law advises him that he has the direct lien,—the direct lien—that panacea of the worker's ills which palliates but does not cure. "But," says the contractor, "If as you say it will take me six months to foreclose and your fee will be 15% of the amount of my claim, surely I am better off to take 90% of my claim now from the owner," most assuredly he is better off, and forthwith he goes to the owner and enriches him to the extent of the 10% to which the fraudulent owner has no shadow of a claim.

My readers will be surprised to know that this practice on the part of the owner is growing to such proportions that the shrewd and unscrupulous make a real business of it. They would laugh at the idea of not realizing some easy money on their contracts, they would scoff at the notion of paying their contractors in full. It is their proud boast that they can get their buildings built at absolute net cost without figuring the contractor's and materialman's profit. That 10% which means the bread and butter of the building trades is slid into the pockets of the owner by the simplest kind of a trick. What contractor who reads this article will not recall some recent occurrence in his own experience where some such kind of a fraud has been perpetrated by an unspeakable owner.

If the reader wants to know why the owner can do these things, let him carefully read the Mechanics' Lien Law, and he will see that there is no penalty whatever attached to the owner's failure to meet his obligations other than he is obliged to pay costs of court proceedings, which in such actions rarely exceeds \$20.00, cost of verifying and recording lien \$1.50, and interest at 7% on the claim.

The Remedy.

The old Mechanics' Lien Law contained a provision that if the owner unsuccessfully contests a lien he must pay a reasonable attorney's fee to the claimant to be taxed as part of the costs of the action. The Appellate Courts of California some years ago declared this provision unconstitutional. The new law contains no provision of any kind penalizing the owner for an unsuccessful or frivolous contest of mechanic's lien action. The remedy for the deplorable practices which I have described lies in this: Some provision must be written in the new mechanic's lien law which penalizes the owner for an unsuccessful defense to a foreclosure suit on a mechanic's lien. Under present conditions the law is an encouragement to unscrupulous owners to defraud builders, etc., out of the reward of their work. If the owner were obliged to pay the lien claimant an attorney's fee or a money penalty of any kind the practices which I have adverted to would promptly cease. The contractor could then afford to contest the owner's ultimatum, feeling that he will be to some extent compensated for the damage he sustains by the withholding of moneys due him under his contract. I propose to show how this remedy can be brought about.

The theory upon which the Supreme Court of California held unconstitutional the provision of the old law authorizing the Court to award an attorney's fee to successful lien claim-

ants was that it was violative of the constitutional provision guaranteeing to any person within its jurisdiction the equal protection of the laws. Whether this decision is good law or not is not for me to say. The law stands and must be respected. The decision meant that it was unlawful to say to the owner, "If you lose you must pay the lien claimant an attorney's fee, but if you win you shall pay your own attorney's fee." Beyond any question of doubt, if the law had provided that the unsuccessful party in an action for foreclosure of a mechanic's lien must pay the fee of the attorney for the other party, the law would have been sustained. What objection on the behalf of the building trades exists to the enactment of such a provision in our mechanic's lien law? I can conceive none. If the lien claimant brings an action to foreclose a lien to which he has no legal right let him be penalized the same as we would penalize the owner for an insufficient defense. Under the present law nearly all of the technical defenses are taken from the owner and it will be a rare case where a person who has actually performed labor or furnished materials to be used in the construction of a building would not be legally entitled to foreclose his lien. Under the former law 90% of the cases lost to the lien claimant were defeated because the owner successfully maintained his defense that he owed nothing to the general contractor. All this is now changed and the owner's only real defenses to a legitimate claim are that the work done by the lien claimant was not embraced within or covered by the original contract for construction and that the work done or materials furnished did not enter into the construction of the building.

To impose this burden upon the owner would undoubtedly go far towards preventing recurrences of such actions as I have referred to. If the owner is penalized for a failure to successfully defeat a mechanic's lien for foreclosure brought against him, he will think twice before he will without legitimate cause or reason refuse payment to a contractor on a just claim for the purpose of forcing the latter to compromise. Furthermore, the contractor will be in a position to enforce his claim by law without feeling that he will be a loser no matter which way the cat jumps.

I would go even further and enact into the law a provision authorizing the court to fine an owner for a frivolous defense just as is done by the Supreme Court of this State when a party takes a frivolous appeal. If the owner, as is frequently done, contests the claim up to the point of the actual trial, I would have the judge as part of the judgment rendered in the contractor's favor, require the owner to pay a fine unless the parties of the case stipulated that a compromise was reached and that the owner had apparent reason for refusing to pay the contractor's claim in the first instance. This would be attacked by many lawyers as special legislation, but I believe it would be sustained on the ground that laborers, materialmen, and contractors constitute a class which require special protection.

With these two propositions enacted into the law I venture the prediction

that there would be no recurrences of the cases cited. The owner would either pay when payment was due or pay more than the amount of the claim after suit is brought. When we stop to consider that the law requires a person guilty of a breach of contract to pay the damages which the other party has sustained by reason of the breach, there appears to be no real reason why the owner should not pay damages to the person who has performed work on his building and has not received his pay even though such damages are by an antiquated rule of law restricted to the amount of the contract price and interest. If the rule were written into our statute books that the measure of damages for breach of a contract to pay money was the contract price and the detriment suffered by the payee by reason of the delay in payment, no lawyer would venture to dispute its constitutionality. The remedy is at hand and it remains for the building trades to see that it is made a law.

THE STATE HIGHWAY.

Facts Concerning Its Construction.

Travelers on the State Highway where the concrete road is still unsurfaced frequently note the cracks in the concrete and wonder if they are defects in construction. These cracks, according to the Highway Engineer, are not only desirable, but they are economical as well. They take the place of the metal expansion joints sometimes used in concrete highway building, and when the concrete is covered with the bituminous surface the cracks serve a useful and necessary purpose, but are not apparent to the traveler. The ability to do without metal expansion joints in California effects a large saving in construction, which is put into additional mileage.

An east and west paved highway of importance to all Californians and to tourists who come to the State is taking form through the efforts of the California Highway Commission and the co-operation of Sacramento, Yolo, Napa, Sonoma, Marin, El Dorado, Solano and Contra Costa counties. The road will ultimately form a main artery across the central portion of the State, connecting Lake Tahoe with San Francisco and materially shortening the distance to Sacramento from a large portion of the coast and the west side of the Sacramento Valley.

A monumental portion of this route will comprise 16,000 feet of trestle across the Yolo bypass, now impassable except for a few months of the year. Practically all of the structure will be of concrete, and it will give an approach to Sacramento which will connect at Davis with the highway along the western side of the Sacramento Valley and into Reno. Bids for constructing this Yolo basin causeway will be opened by the Highway Commission June 8.

A scenic drive through Contra Costa county will form part of the State Highway route from Berkeley and Oakland and by ferry from San Francisco, and east of Sacramento in the State road will connect to Lake Tahoe and the East. A survey is to be made this month to determine the cost of a

cutoff through Napa and Sonoma counties for an airline road into Sausalito, thereby shortening the distance into San Francisco. This cutoff also serves to open the fertile Napa and Sonoma valleys and forms a delightful "around-the-bay" scenic tour on which are possible visits to Napa and Sonoma resorts, the Petaluma poultry industry and the Russian river country. It will prove a factor in facilitating communication with the points along the northern California coast. Napa, Sonoma and Marin counties agree to contribute cash bonuses totalling \$175,000 to offset the extra cost of constructing the proposed cutoff.

That California's State Highway, built and surfaced with State materials, will maintain a first place in excellence among the highways of America and Europe and prove the superiority of native road-building material was asserted by Highway Engineer Austin B. Fletcher in a paper presented recently before the Commonwealth Club of San Francisco, in which he said:

"Experiments in the eastern states led the California Highway Commission to consider the bituminous carpets for the California roads. The only essential difference between the work in the East and that here lies in the use of heavy asphaltic oil instead of tar. It was not possible to use coal tar in California without long railroad carriage and correspondingly high cost, for it is not produced here in any considerable quantity. The writer, however, has no regret on that account.

"The bituminous carpets, using California asphaltic oil, on 80 per cent of the work already done, are far superior in his judgment to the tar and screening carpets of the East which he has inspected. They are also far superior to the bituminous carpets usually applied to the macadam roads in the East, and he asserts, after more than twenty years experience in State Highway work, that no Eastern State is today getting its State highways constructed so cheaply, so thoroughly or surfaced so satisfactorily as is California.

"California started late with its State highways. Its people, with the changed conditions of traffic brought about by the automobile, are demanding what to all intents and purposes is city street work out in the country. And California is getting it, to all intents and purposes."

UNITED STATES CIVIL SERVICE EXAMINATION.

ELECTRICAL ENGINEER AND DRAFTSMAN (MALES)

June 3, 4, 1914.

The United States Civil Service Commission announces an open competitive examination for electrical engineer and draftsman, for men only, on June 3 and 4, 1914. From the register of eligibles resulting from this examination certification will be made to fill vacancies as they may occur in this position, at \$1,200 per annum, in the office of the Supervising Architect, Treasury Department, Washington, D. C., and in positions requiring similar qualifications, unless it is found to be in the interest of the service to fill any vacancy

by reinstatement, transfer, or promotion.

Competitors will be examined in the following subjects, which will have the relative weights indicated:

- | | |
|---|----------|
| Subjects. | Weights. |
| 1. Theoretical and practical questions in electrical science (covering the subject with special reference to lighting and elevator work in public buildings)..... | 25 |
| 2. Drawing and design (involving ability to design and draw plans, etc., for all apparatus and machinery connected with electrical work in public buildings)..... | 40 |
| 3. Training and experience..... | 35 |
| Total | 100 |

Persons who meet the requirements and desire this examination should at once apply for Form 1312 to the United States Civil Service Commission, Washington, D. C., or to the Secretary of the United States Civil Service Board at San Francisco.

Issued April 30, 1914.

SHORT CIRCUITS.

Mission of the Fuse When the Wires Beehive Crossed.

"Another short circuit!"

One of the commonest reports heard in all electrical works.

A "short circuit" means that the electric wires have become crissed or connected so as to form a bypath or shunt of comparatively low resistance, through which so much of the electrical current passes as practically to cut out that part of the circuit through which the current originally flowed. In other words, a "short circuit" has replaced the normal circuit, which may be considered a long circuit. The cutting out of the resistance of the long line permits the power to rush over this path of low resistance, and if the apparatus were not protected by the fuse or circuit breaker the electrical machinery would do itself serious harm.

To prevent serious effects from accidental short circuits of electric lighting wires in buildings a "fuse" is inserted in the circuit just inside the building. In case a nail or some other falling object short circuits the electric wires in the house this fuse blows out—namely, melts out—and throws the circuit open so that no electricity can flow through the wires in the house until the "short" has been found and corrected.—New York World.

CONSTRUCTION WORK ABROAD.

CANADA.

To Connect British Columbia and Alaska.

The suggestion of co-operation between the United States government and British Columbia in building railways to connect British Columbia with Alaska has met with general approval in western Canada. Situated as it is, between United States territory on the south and north, the extension of railway lines through the Province, affording direct railway communication from the States through British Columbia and Yukon Territory to Alaska, would be of great benefit to the Province. The connection would be through an extension of the Pacific Great Eastern from the Peace River district

the Yukon to the Alaska boundary. This would, however, result in a rather circuitous route, making the distance from the international boundary on the south one of great length to the Alaskan border, but it would seem to be the only feasible route, as the topographical formations of portions of the British Columbia coast country is such as to render the building of railways difficult, if not impossible.

The Government Contract with the Pacific Grand Trunk.

The Pacific Grand Trunk Railway which is constructing new lines and extensive port terminal improvements in British Columbia, has issued a statement denying the report that the company is asking further assistance from the Dominion Government in the way of additional guarantees. In 1905, when the Grand Trunk Transcontinental contract was made, the Government agreed to guarantee the company's bonds at \$125,000 per mile on the prairie section and 75 per cent of the cost on the mountain section, and in 1905 took powers by act of Parliament to guarantee \$10,000,000 therefor. The amount provided, however, is not sufficient to cover the proportion of the expense guaranteed, and the Parliament has been asked to consider the advisability of taking further powers to provide the Government's proportion of the expense of construction under the original guarantee.

American Railway to Enter Vancouver.

Another American railway, the Chicago, Milwaukee & St. Paul, is endeavoring to secure terminal facilities in Vancouver, and will enter into competition with other transcontinental lines for the carrying trade of this port. Pending a grant for terminal facilities, it has arranged to enter over the British Columbia Electric Railway, making connection at Sumas, at the international boundary. The Chicago, Milwaukee & St. Paul has further increased its traffic facilities on the Pacific coast by purchasing the Bellingham & Northern Railway, which runs from Bellingham to Sumas. A car-barge service is operated between Bellingham and Seattle for handling freight routed over the main line to the Middle West, the East, and South.

Municipal Improvements in Alberta.

Extensive improvements are to be made at Banff, Alberta, during the coming season. Paving and lighting streets and repairing Government buildings will cost about \$1,000,000. A new sanitarium is projected which will cost approximately \$200,000. While it is given out that a million dollars will be spent this year, it is more probable that the improvements will extend over a longer period. The Canadian Pacific Railway and the Government are jointly concerned in making Banff the national playground of Canada.

Among other buildings that will be started in the near future in Medicine Hat, Alberta, are the following: Technical high school, \$300,000; two 8-room grade schools and primary school, \$100,000; hospital and convent, \$100,000; radiator factory, \$100,000; candy factory, \$25,000; immigration hall and addition to Federal Building, \$50,000; and other factories and business blocks which are now being arranged for, besides homes and residences all over the city.

Plans for a ten-story hotel to cost about \$300,000, to be erected in Edmonton some time this year, have just been completed.

English-speaking members of the Roman Catholic Church in Edmonton are planning to erect an edifice to cost \$100,000. It will be known as St. Joseph's Church. Work is to begin this spring.

New Railway in Alberta.

Additional transportation facilities from northern Alberta to Fort William, Ontario, will be provided by the Northwestern Railway, whose application for incorporation has just been granted by the Dominion Government. The line starts at a point southeasterly to the Athabasca River, thence crosses close to range 7, or a few miles west of Holmes Crossing, and continues southeasterly to Edmonton, thence in the same direction to Camrose and southeasterly to the boundary of Alberta.

Municipal Improvements in Edmonton.

Edmonton, the capital of Alberta, will have a period of unusual building activity this year, if plans, recently announced, are carried to fulfillment.

A capitalist of Warwick, England, announced in Edmonton on March 20 that his plans for this year include the erection of a ten-story business and office building, costing \$600,000, and a theatre building with seating capacity for 2,500, estimated to cost \$400,000.

The G. A. Fuller Co., of New York, reports that work on the superstructure of the \$350,000 arts building for the University of Alberta in Edmonton will begin early in June.

The building committee of Robertson Presbyterian College has decided to erect a theological building costing \$150,000 on the grounds of the University of Alberta in Edmonton. It is to be ready for the 1915-16 term.

The Bank of Alberta, recently incorporated under a Dominion charter, will expend \$250,000 in constructing a modern bank and office building in Edmonton, according to an announcement made by a director of the bank.

A Roman Catholic cathedral, magnificent in design and extensive in proportion and costing \$150,000 to construct, will be erected this year in Edmonton just east of the University of Alberta grounds, for Archbishop Legat, of Edmonton.

Calgary City Improvements.

The city of Calgary will require \$1,734,600 for various purposes this year, and by-laws covering that sum will be submitted to the ratepayers for ratification this spring. The list is as follows: Parks, \$50,000; waterworks extensions, \$250,000; fire department, \$30,000; publicity, \$17,000; exhibition, \$260,000; Centre Street Bridge (concrete), \$330,000; Mission Bridge (concrete), \$77,600; Ninth Street West Bridge (steel), \$60,000; electric light extensions, \$300,000; Hillhurst athletic grounds, \$60,000; general hospital, \$200,000.

The by-laws for the last two items, namely, the new hospital and the purchase of the Hillhurst athletic grounds, have not yet been prepared, and have not passed the council. They may be voted on at a later date than the others.

Building Activity at Windsor.

The Canada Home Construction Co., of Windsor, is considering building 50 or more homes in the western part of

the city, which would mean a great gain over the already large increase in building that has been going on since the first of the year. The permits issued by the engineer's office for March show an increase of \$28,500 over March last year, and the increase for the first three months of the year 1914 is nearly double that of previous year.

Civic Center for Vancouver.

The establishment of a civic center in Vancouver, consisting of a group of public buildings of artistic design and forming a nucleus which will later be amplified and enlarged by the addition of other buildings and public improvements, has received the indorsement of the commercial and industrial organizations of the city. Definite steps will soon be taken to carry the plan into execution. The city owns some available property in the center of the business district and powers of expropriation will be asked of the provincial government to enable the city to acquire land for the civic center scheme.

The plan as outlined, in addition to the central buildings, includes the widening and beautifying of streets connecting Stanley and Hastings Parks, located at extreme opposite ends of the city, and the erection of monuments and fountains along the thoroughfares radiating from the center and leading to the parks.

The growth of Vancouver and the unprecedented commercial and industrial development of the territory in its immediate environments have been so rapid in recent years that the energies of the people have been directed to material interests, commercial enterprises, and development schemes, to the neglect of the artistic features or the beautifying of the municipality. The unusual activity in real estate and the rapid rise in values have encouraged the acquisition of centrally located properties in Vancouver for private enterprises and speculative purposes, while the demand for business houses and office buildings has been such as to encourage the construction of edifices to meet an emergency demand at high rental values.

This abnormal condition has resulted in the growth and development of a city possessing great commercial and industrial interests, but lacking in many respects the artistic features of a metropolis municipality. There are many splendid and not martistic buildings in the business section of Vancouver, but they are so distributed and interspersed among smaller structures lacking in substantial and artistic features that their attractive appearance is lost or negated in the general ensemble. Telegraph, telephone and overhead trolley wires form a network along the business thoroughfares, and the poles on which the wires are strung obstruct the view and give to the long straight streets an unsightly appearance. It is to correct these defects that the present movement for a civic center has been started.

At the last municipal election the voters of Vancouver approved the plan for a civic center and the location for a new city hall. The plan now under consideration is to use as a nucleus some vacant properties owned by the city and to acquire others either by purchase or expropriation, within a

radius bounded by Beatty, Cambie, Pender, Howe, Georgia, and Hastings streets. This district is in the center of the business section, where the principal thoroughfares converge, and is admirably adapted to the purpose outlined in the plan.

Pacific Great Eastern Railway Extension.

The recent authorization of the British Columbia Legislature for the extension of the Pacific Great Eastern Railway from its present objective point, Fort George, northward and eastward through the Rocky Mountains to the Prairie Provinces, is one of the most important of recent years in the development of the natural resources of the Province. The road will tap and open up for settlement the Peace River valley country, a territory estimated to contain 31,500 square miles, equal to 20,000,000 acres.

The proposed route from Fort George will be almost 140 miles due north, penetrating the Rockies at Pine River, thence traversing the open country 290 miles to the Alberta boundary. The Peace River section of the road will traverse virgin, undeveloped country. Grading will commence in May, and the company expects to have the 330-mile stretch of track northwest from Fort George to the Alberta line ready for traffic in 1915. The first section of the Pacific Great Eastern, extending from Vancouver to Fort George, tapping the Pemberton, Lillooet, Quesnel, and Fort George districts, will soon be completed and carrying the products of that heretofore undeveloped section of British Columbia to Pacific coast markets.

WHY COURTS ARE STRONGER THAN LEGISLATURES.

Admittedly our courts are our most powerful and capable branch of government. As between the courts and the legislatures this is because our courts are organized better than our legislative bodies.

If the process were reversed—if our legislatures were composed of a few experts in their field, always on duty; and if our courts were composed of a large number of unqualified men, meeting occasionally—our legislative branch of government would be the more powerful.

To maintain the ideal equal balance both should have the power that comes from being capable.

It may be possible to prove that courts make as many mistakes as legislatures. The number of reversals of decisions would indicate it. But the point is that courts even make their mistakes capably. They "put things across." They have at least a capable machinery that could be used with the minimum of humanity's errors. The greatest aid in reducing these errors to the minimum would be a capable or efficient legislative machinery.

Superficially, the perponderating (almost the overmastering) power of the judicial branch of American government comes from its power to construe the Constitution. But it gets its practical monopoly of that power because the legislative branch is not fitted to construe the Constitution. Let there be a legislative commission as strong in its

personnel as the judicial "commission" is and they would work together in the construction of the Constitution. Such a legislative commission would build up a "jurisprudence of legislation," to use Prof. Charles McCarthy's phrase, as strong as the jurisprudence of courts.

For one thing, there would be far fewer occasions for courts to overturn the legislative work. For another, if a statute were overturned it could be almost immediately set on its proper bottom.

It is well to remember that our courts are now essentially a commission system. The different results attained by them and by our checks and balances system of legislation are instructive.—Kansas City Star.

MISSISSIPPI RIVER BRIDGE TO BE BUILT AT NEW ORLEANS.

It seems that the project of a bridge over the Mississippi near New Orleans, first proposed in 1858, is to be put through. The original design was for a crossing about four or five miles above New Orleans, where no change of bed or banks has occurred in the recorded history of the river. The span of the cantilever bridge was to be 1,070 feet between centers of main piers, the suspended span being 440 feet long and the anchor arms each 660 feet 8 inches in length. The foundations were to extend to 170 feet below low water and were to rest upon a bed of firm sand. The piers were to be sunk by dredging through open weirs or cylinders. The present plan calls for a double deck bridge, one deck for highway and electric railway travel, and the other for railway service.—Scientific American.

In spite of the progress of civilization, man remains a fighting animal. Peace societies begin to think they are making progress toward taming his instincts, and they are confronted by another war. Here is a partial list of the wars of the northern hemisphere in the last sixty years, exclusive of the minor revolts in Northern South America, in Central America and the West Indies and in Africa:

Crimean war, 1854-56.
Seyo mutiny, 1857.
Italy and France against Austria, 1859.

Civil war in America, 1860-65.
Mexico invaded by Austria and allies, 1861-67.
Prussia and Austria against Denmark, 1861.

Seven weeks' war, Austro-Prussian, 1866.

Franco-Prussian, 1870.
Russo-Turkish, 1877-78.
Servo-Bulgarian, 1885.
Japanese-Chinese, 1894-95.
Greco-Turkish, 1897.
Spanish-American, 1898.
Filipino-American, 1899.
China against the allies, 1900.
Boer war, 1899-1902.
Russo-Japanese, 1904.
Balkan states against Turkey, 1912.
Balkan states against Bulgaria, 1913.
Mexican war, 1914.

This has been said, is only a partial list. England has had several small wars, including the important conquest of the Soudan, which are not included, and there have been numerous minor disturbances of one sort and another. But the list includes twenty fair-sized

wars, or one every three years.

There has been no falling off in recent years. Take the last two decades, for instance, and there have been ten wars, or one every two years.

Perhaps there is some encouraging lesson for the peace societies to be drawn from this fairly bloody record. Perhaps it means that wars are vanishing from the earth. But it would take a pretty incorrigible optimist to read this prediction in the history of the last half century.

Apparently the world isn't going to be able to get on for some time to come without fighting.—Kansas City Star.

The following account of an educational exhibit in the matter of safety devices exhibited by an Eastern railroad is taken from the Scientific American:

"Sending a 'Safety First' campaign car over its entire lines, and instructing its employees in safeguarding not only their own lives, but the lives of the public as well, is the latest development in the campaign of safety waged by the New York Central Railway. This is the first instance of such an exhibit traveling in a railroad car, and the instruction given through its equipment is doing much to decrease accidents. The car has been in operation but a few months, and already records show that there have been thirty-five fewer employees killed while on duty than for the same period of last year. This, of course, covers the entire system of the road. As an educational feature, the car is especially interesting to the general public as well as to the employees of the railroad. Its lessons are all strongly impressed upon the minds of the on-lookers, by a system of 'Seeing is believing.' Models of all machinery used by the company are shown, together with the right and wrong method of guarding dangerous parts. Photographs on one side of the car picture to the audience unsafe practices of railroad employees. The trespass dancer is very forcibly shown by a number of photographs illustrating how persons risk their lives needlessly walking on railroad property. Above these pictures is a statement calling attention to the fact that no less than ten thousand such danger-defying people are killed on the roads of this country each year. One model of especial interest is that of the modern freight car with all its up-to-date mechanism and safety appliances. Attached to the exhibit car is a coach to be used as the lecture room, and this is equipped with a stereopticon by means of which illustrated lectures on safety are given to the men employed by the road."

This shows the attitude that the people are taking toward the idea of conservation of human life. And it seems to be an anomaly that the liability law and safety appliance act in California should meet such violent objection from employers and be looked upon as confiscatory of their property when in reality it looks in the long run to their own benefit.

POMPEY'S PILLAR.

This is the name of a celebrated column standing on a slight elevation in

the southwest section of ancient Alexandria, a short distance outside the Arabian walls. It is a monolith of red granite of the Corinthian order raised upon a pedestal. Its total height is ninety-eight feet nine inches, shaft seventy-three feet and circumference twenty-nine feet eight inches. The present name is a mere invention of travelers. The inscription on the base shows that it was erected by Publius, emperor of Egypt, in honor of the Emperor Diocletian A. D. 302. It stood in the center of the court of the serapeum, or great sanctuary, of Serapis and survived its transformations into a church and a fortification.—Exchange

LARGE PIER AT OIL REFINERY IS ALMOST COMPLETE.

Capable of accommodating the largest vessels afloat, the new division of the Standard Oil company's quay, 500 feet in length, will be ready for acceptance shortly. The wharf is being constructed at Point Orient for the handling of the increasing Oriental trade.

The total length of wharfage space now controlled by the Standard at this point is more than 1000 feet. The wharf is so constructed as to make it possible to load and unload a vessel at the same time.—Richmond Ind.

CHINA PLANS MUSEUM.

Absorption by America and Europe of many fine specimens of their ancient arts has so aroused the Chinese that a proposal has been made to establish a national museum in Peking. Only recently a quantity of ancient paintings, beautiful old porcelain, colored screens, and a hundred cases of jade have reached Peking from the Jelol summer palace. At present these treasures are housed in the Wuying hall of the palace, and it is suggested that with those from the old palace in Mukden they would form a substantial nucleus for a museum.

By way of preparation for the heavy travel which is expected in connection with the Panama Exposition at San Francisco, the Union Pacific Railroad Company has recently placed an order for 54 locomotives costing about \$1,000,000. Twenty-five of these are of the Pacific type, 15 are Mikados and 14 are of the six-connected type. Forty of the locomotives will go to the Union Pacific, 10 to the Oregon Short Line and 4 to the Oregon-Washington line.

EVAPORATION AND STEAM FLOW.

An investigation of evaporation and steam flow is being carried out by Prof. John F. Hayford of Northwestern University with the aid of a grant from the Carnegie Institution. Instead of using apparatus on a small scale to measure evaporation, Prof. Hayford proposes to consider each of the Great Lakes in turn as an evaporation pan, evaluate the income outgo (other than evaporation) and change of content of the lake, and from these data to determine the daily evaporation in its relation to meteorological conditions. Ultimately the knowledge thus acquired will be applied to the study of the laws of stream flow in the United States,

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ing & Corr. Co.
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Callit, Pottery Co.
Caldwell Brick &
Pottery Co.
Clark & Sons, N.
Diamond Brick Co.
Gladding - Mc-

Clerk

E. A. McCallum

Bean Co.

McNear Brick

Steiger Terra Cot-

ta Co.

Vallejo Brick and

Tile Co.

Art Cellulos.

Bergner Mfg. Co.

Art Glass.

Grosslicht & Din-

pioneer Pate &

Window Glass Co.

Schwarz & Gotti-

berk
Decorations.
Bekman, Ed. G.
Laurer, Unadone
Larson, O. F.
Lipp & Co., L. P.

Asbestos Materials

Johns - Manville

Co., H. W.
McNear Asbes-tos Supply Co.
Western AsbestosMagna Co.
Western Builders'

Supply Co.

Asphalt & Bitum-

en

Nugent, Robinson

Attorneys.

Aitken & Aitken

Auto Delivery.

Holland, J. F.

Star Con. Co.

Automobile

Supplies.

Burgers, Fred W.

Boilers.

Deasy Utilities Co.

Peeler Agencies

Company

Boiler & Pipe Cov-

ering.

Johns - Manville

Co., H. W.
Lewis, W. S.
Magna AsbestosSupply Co.
Western AsbestosMagna Co.
Bonds & InsuranceArp, Chas. W.
Agency, Company
Aetna Life Ins. Co.
Glenn Surety Co.
Assur. Corp.
Gless, Samuel
Hylburn, Jas. C.
Hudson, J. E.
Lloyd & Spenger
MacMeans, H. V.
McMeans & Son.
Mark M.
Pacific Coast Cas-ualty Co.
Pacific Surety Co.
Webster - All-opp Co.
Brick ContractorsAlbana, Robt.
Allen, C. J.
Anderson & Rain-ey
Hudson, J. E.
Collin, Jean
Devillers, J.
Drake, H. L.
Pierola & Sea-holm
Glinertsen &
Golson, John E.
Hansen & Co.
Holding & Car-man
Hansen, James
Johnson, J. W.
Koberling, Jos.
Koidenatrot, F.
McWhirter, W. J.
Meak & Collins
Millerick, Phil. J.
Oberfeld, Chas.
O'Rourke, F. F.
Reed & White
Tingberg, John
Watson Bros.
Whitney & Davies

Brick Dealers.

Bay Develop. Co.
Cal. Pottery Co.
Carnegie Brick &
Pottery Co.
City Supply Co.
Clark & Sons, N.
Diamond Brick Co.
Tile Co.
Gladding - Mc-
Nean Co.
Golden Gate Brick
Co.
McNear Brick
Agency
Steiger Terra Cot-
tak Pottery Wks
United Materials
Co.
Vallejo Brick &
Western Develop.
ment, Sylveste-
Western Lime &
Cement Co.

Builders

Instruments.

Keuffel & Esser Co.

Building Journals

Architect & En-

gineer
Building and In-dustrial News.
Daily Pacific
Builder.

Building Materials

Algettinger, E.

Alsen's - Portland
Cement Co.
Baker & Hamil-ton
Bay Develop. Co.
Bergner Mfg. Co.
Bird & Son, F. W.
Cal. Bldg. Mate-rial Co.
Cal. Pottery Co.,
Inc.
City Supply Co.
Cal. Lime & Hy-drate Co.
Carnegie Brick &
Pottery Co.
Gwyn, Mack
Cov-H Lime and
Cement Co., H.
Diamond Brick Co.
Hudson, J. E.
Falls Mfg. Co.
Fuller & Co., W. P.Gladding - Mc-
Near Co.
Gross Co., Felix
Guerin & Co., J. S.
Hollway, B. P.
Metway Lath Co.
Holmes Lime Co.
Holland, J. P.
Hudson, J. E.
Hudson, J. E.
Jorgensen & Co.,
Lennon Co., J. E.
Lilly & Thurston
Co.
Meyer, Adolph
Pacific Portland Ce-ment Co.
Paraffine Paint Co.
Parrott & Co.
Raman, C. C. E. R.
Ryan, George
S. F. Lime Co.
Shannon, M. T.
Shelley & Kim-ball Co.
Simon-Fout Brick
Co.
Standard Portland
Cement Co.
Steiger Terra Cot-tak Pottery Wks
Stoner, O. W.
Vallejo Brick &
Waterhouse &
Price Co.

Western Asbestos
Magna Co.
Western Builders'
Supply Co.
Western Develop-
ment Syndicate
Western Lime &
Cement Co.
Whittier - Coburn
Woods & Hud-
dard

Cement Dealers.

Algettinger, E.
Alsen's - Portland
Cement Co.
City Supply Co.
Cowell Lime &
Cement Co.
Dwan & Co., J. E.
Guerin & Co., J. S.
Holland, J. P.
Lennon Co., J. E.
Lilly & Thurston
Co.
Meyer, Adolph
Pacific Portland
Cement Co.
Standard Portland
Cement Co.
Waterhouse &
Price Co.
Western Lime &
Cement Co.

Chimneys, Patent

Clawson Co., L. E.

Dresser - McDon-

nell Co.
Dunley & Gettle
Hughes, H. J.

Clay Products.

Cal Brick Co.

Cold Storage Insu-

lation

Van Fleet, M. V.

Concrete Contrac-

tors.

Amorsen & A. T.

Harrett & Hill
Camp & Carillon
Chas. S. J.
Crecent Concrete
Co.
Dillon, H.
Gass Bros. Co.
Gucco, M. H.
Grussel, Herman
Hansen & John-son
Haun, C. C. W.
Hurley, P.
Leonard, P.
McCabe & Brown
Mission Concrete
& Mosaic Wks.
Moranell, John
Nilson & Arras
New Era Marble
& Concrete Co.
Nugent, Robinson
Peterson & Co.
Chas. T.
Rasmussen, A.
Riboni, Henry
S. A. Francisco
Concrete Co.
Schlosser, Max
Schmidt & Son, J.
Sundberg & Senat
Sparco, John
Szoke, Francis
Thomas & Sands
Westermund, J. V.
Zimmerman, L. M.

Concrete Machs.

Bacon & Co., E. R.

Road Machy. Co.
Lansing Co.
Lilly & Thurston
Co.
Lestermore Co.,
Norman B.

Contractors'

Equipment.

A. L. Young Ma-

chinery Co.
Bacon & Co., E. R.
Deming, E. R.
Lansing Co.
Lansford, Feltz
& Myers
Owenshin - Ar-thur Koppel Co.
Corrider Works.
Appman Cornice
Works.
Atlas Heating &
Ventilating Co.
Parth Cor. Wks.
Capitol Sheet
Metal Works.
Conlin & Roberts.

Crown Cornice
Rocks
Gulffort Cor. Wks.
Cummins & Nygren
Forderer Cornice
Works
G. & M. Sheet
Metal Works
Hibernia Sheet
Metal Works
Hughes, H. J.
Humbelle Bros.
Ideal Cornice Co.
Korell & Co., J. A.
Modern Sheet
Metal Works
Morrison & Co.
Olive & Leary
United Metal
Products Co.
Western Furnace
& Cornice Co.
S. F. Metal Stamp
& Corr. Co.

Crude Oil Burners

Bill & Jacobsen

Sherman, Kimball

Crushed Rock.

Bay Devel. Co.

Cass Building Ma-

terial Co.
Cassarratto, John
City Supply Co.
Holland, J. P.
McMullin, A. L.
Simon-Fout Brick
Co.
Star Contracting
Company.
Standard Crushed
Rock Co.
Stone Co., E. B. &
A. L.
Western Develop-ment Syndicate
Damp Proofing.
Brickley, P. J.
Fox, John L.
Imperial Water-
proofing Co.
Reagle & Janel
Taylor, L. J.
Whittier - Coburn
Company.

Door Opener and

Closers.

Rischmiller, Geo.

Rischmiller Light Co.

City Electric Co.

Pac. Gas & Elec.
Company.

Electric Wiring &

Equipment.

American Elec.

Eng. Co.
Cal. Elec. Constr.
Co.
Central Elec. Co.
City Protective
Electric Co.
Decker Electrical
Construction Co.
Farnsworth Elec-trical Work.
General Electric
Constr. Co.
G. I. Electric
Works
Hanbridge, W. S.
Kirsten, W. H.
Levy Elec. Co.
Manhattan Elec.McNeill Elec. Co.
National Electric
Co.
Newberry - Bend-
heim Elec. Co.
Pac. Fire Exin-gisher Co.
Rietve, E. R.
Rochdale Elec Co.
Schmitschek, M.
Sundarr Electric
Co.
The
Vitt Elec. Co.
Wendthall - Gos-lar Electric Co.
West Electric Co.
Elevator BuildersOtis Elevator Co.
Corrider Works.
Vann Foun Eleva-tor Co.
Estimator.
Crussett & East-
man
Dillon, H.
Foshburgh, R. L.

Ferguson, W. H.
Horwege H. J.
Morse, E. J.
Priddle, Milton

Floors, Composition

Artollth Mfg. Co.
Bender R.F. Co.
J. V.
Dwan Co. J. E.
Fibrestone &
Refining Co.
Flaherty R. & P.
Co., R. H.
Malott & Peterson
Goodmanson, A. K.
Watsonite Co.

Floors, Hardwood
Hardwood Int. Co.
Inland Floor Co.
Pac. Floor Sand-
ing Co.

Galvanized Iron
Baker & Hamil-
ton
Berger Mfg. Co.

Gas Fixture
Day Co., Thomas
Gas Heating Sys-
tems

Reactor System
Gas Heating Co.

Gasoline Tanks &
Pumps
Deming, E. R.

Glass & Glazing
Cal. Plate & Win-
dow Glass Co.

Glass, I.
Fuller Co., W. P.
Grosslicht & Din-
lene

Habenicht &
Howlett
Mission Plate &
Window Glass Co.

Pioneer Plate &
Window Glass Co.

Co. Schwarz & Goss-
lieb
United Glass Works
(Inc.)

Grading
Brannick, J. P.
Button, I. V.
Carlin Bros.

Cassarotto, John
Devincenzi & Co.,
L.

Dillon Teaming
Co.

Georgi Co., G.
Hartnett J. D.
Holland, J. P.

Lennon Co., J. E.
Lewler, Fred
McGhinney

Monahan
Montague Co., P.
O'Day Co., Dan'l
O'Donnell, Philip

Edw. F.
Powers, Chas. J.
Rahman & Woods
Schmid, A.

Sibley Grading &
Teaming Co.
Star Con. Co., J. H.
Wright Co., J. H.

Granite Curbing
Graham Granite
Co.

Lead Granite Co.,
W.
Pacific Granite Co.
Placer Granite Co.

Gravel
Bay Devel. Co.
Cal. Building Ma-
terial Co.

Cassarotto, John
City Supply Co.
Standard Crushed
Rock Co.

Star Contracting
Company
Stons Co., E. B. &
L.

Hardwood Deal-
ers
Inland Floor Co.
Hardwood Inter-
ior Co.

Wood Lumber Co.,
E. K.

Hardware, Dealers
Baker & Hamil-
ton

Bennett Bros.
Brittain & Co.
Kruse, J. H.

Joost Bros.
Meyer, Adolph
Norman & Sons,
F.

Palmer Hardware Co.
S. F. Hardware Co.
Smith Co., P. A.

Hay & Grain
Aigeltinger, E.

Heating & Vent-
ilating
Abhbach & Mayer
Atlas Heating &
Ventilating Co.

Kiernan & O'Brien
Hurley Co., J. C.
Lawson, Herman
Looney Co., J.

Mangrum & Otter
Snoek & Co.,
Fred W.

Turner Co., The
Houses Movers &
Movers

Hatch, H. L.
Pearson, N. H.
Sullivan, D. J. & T.

Inland Floors
Hardwood Inter-
ior Co.

Inland Floor Co.
Pac. Floor Sand-
ing Co.

Iron Foundry
Enterprise Found-
ry Co.

Steiger & Kerr,
Stove & Found-
ry Co.

Iron & Steel
Baker & Hamil-
ton

Dawson & Noyes
Judson Mfg. Co.
Kaiser Coast Steel
Company

Trussed Concrete
Steel Company,
Woods & Huddart

Iron Works
Brode Iron Wks.
Dyer Bros.

Eureka Wire &
Iron Wks.
Glass & Kloerres

Golden Gate Iron
Works
Hillard Co., C. J.

Kerr Iron Works
Michel & Pfeffer
Monarch Iron
Works

Ralston Iron
Works
S. F. Iron Works
Sartorius Co.

Schraeder's Iron
Works
Security Iron &
Iron Works

Steiger & Kerr,
Stove & Found-
ry Co.

Valley Iron Wks.
West Coast Wire
& Iron Works

Western Iron
Works
Zenith Iron Wks.

Joint Hangers &
Pulley Caps,
Kortick Co., Falls
Mfg. Co.

Lilley & Thurst-
on Co.
Roman Co., C.
Waterhouse &
Price Co.

Western Bldgs.
Supply Co.
Lathers, Wood &
Metal

Balke & Smith,
Edwards, C. H.
Hayden, Fred
Lynch, Richard
McAfee, E. T.

Raymond, Wm. H.
Snell & Dennis
Ward, J. E.

Lime & Plaster
Deniers
Arden Plaster Co.
Cal. Lime & Hy-
drate Co.

Cowell Lime &
Cement Co.
Guerin & Co., J. S.

Holland, J. P.
Lennon Co., J. E.
Pacific Portland
Cement Co.

Western Lime &
Cement Co.

Lumber Dealers
Acme Lumber Co.
Christensen Lum-
ber Co.

Columbia Lumber
Co.
Frank F.
Hardy Lumber Co.

Hart-Wood Lum-
ber Co.
Hauptman Lum-
ber Co.

Kruse Co., J. H.
Hooper Lumber Co.
Higgins Lumber
Co., J. E.

Loop Lumber Co.
MacDonald Lum-
ber Co.

Moore Mill and
Olson - Mahony
Lumber Co.

Peterson, E. T.
Pope & Talbot
Reinhart Mill &
Lumber Co.

Ryan, George
Sawyer, Val-
ley Mill & Lum-
ber Co.

Sawyer, Val-
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Sawyer, Val-
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Sawyer, Val-
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Sawyer, Val-
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Sawyer, Val-
ley Mill & Lum-
ber Co.

Metal Stamping
S. F. Metal Stamp-
ing & Corr. Co.

Oil and Greases
Hall & Hy-
drate Co.

Standard Oil Co.
Ornamental Plas-
ter Co.

Benkmann, Ed. G.
Binner, Theodore
Larson, O. F.

Flagg & Co., J. P.

Painters and Dec-
orators
Baker Co., W. T.
Bernstein, Wm.

Blum, Louis
Brook & James
Burns Bros.

Clark & Dickson
Cramer Bros.
Connor, E. J.

Copnick, T. W.
Dani, T. H.
Donovan, V. J.

Erickson, Wm.
Hansen, Elbing A.
Lewis, S.

Miller, L. A.
McCubbin, James
Manning, John

Neal, L. J.
Quandt & Son
Ruderman, I.

Schaefer, Ben.
Simon, Nelson Co.
Smith, J. S.

Sovik, C. B.
Spark & Sons
John H.

Swanson, Peter
Walker, May
Wagner, Fred

Wagner, Fred
Zellinsky, R.

Paints, Oil and
Lubricants
Clarke, Dickson
Cohn & Co., Mar-
lon D.

Fuller Co., W. P.
H. S.
Paraffine Paint Co.

Pratt & Lambert
Whittier - Coburn
Co.

Patent Chimneys
Clawson Co., I.
Dreaser, M. H.

Hughes, H. J.
Dunlevy & Gil-
bert

Pile Driving
Lambuth, C. E.

Paving Brick
Cal Brick Co.

Planning Mills
Anderson Bros.
Atlas Planning
Mill Co.

Birth Co., L. H.
Builders' Supply
Depot

Cal. Door Co.
Cal. Planning Mill
Emanuel, L. & E.

Empire Planning
Mill
Hermann, A.

Herrings Mill
Holden - Demaree
Co.

Lorpen Mill Co.
Main St. Planning
Moore Mill & Lum-
ber Co.

Premier Planning
Mill
Reinhart Lumber
Ryhan, George

Santa Clara Plan-
ing Mill & Lum-
ber Co.

Spencer St. Plan-
ing Mill
Taylor & Co.

Thibbets Planning
Mill
Veeble & Collins
Yates, Wm. F.

Plasterers
Borch, Herman
Brady, W. R.
Brennan, James
Burt, Chas. J.

Campbell, Chas.
Cashman, M. J.
Chalmers, H. A.

Clay, L. H.
Greenback, Joe.
Connell Co., J. E.

Daly, J. H.
Duthie, Chas.
Fraser, Simon

Fry, A.
Gillmore, W. G.
Jacobson, N.

Knowles, A.
Lea & Kaiser
Lyden & Bickel

MacGruber & Co.
Mowat Donald
Orford, A. D.

Philbin, J. J.
Sexton, T. A.
Terranova, M. J.

The Pacific Plas-
tering Co.
Wagner James A.

Plumbing and Gas
Fitting
Abhbach & Mayer

Alford, Thom. W.
Bosch Bros.
Bernard, Geo. F.

Condon & Hand
Dunn, Neil H.
Empire Plumbing
Co.

Goss, Wm. P.
Grotona, A.
Houston, J. J.

Kara, F. H.
Kiernan & O'Brien
Kirchbaum, W. F.

Lacey Bros.
Lauder, H. H.
Lawson, Herman

Lettich Bros.
Levy Plumbing
Co., M.

Looney Co., J.
May, Gus
McEnhill, Leo J.

McLeod, J. J.
Penkerton, J. H.
Perally, H. J.

Skelly, Thomas
Shears, John
Snoek & Co.

Stewart, James E.
Turner Co., The
Wetzel, Theo.

Wilson & Co., W.

Plumbers supplies
Mark-Lally Co.
Nelson Mfg. Co.

Railroad Agent
Freight & Pas-
senger

Kent, James B.

Railway Materials
Langford, Felt &
Myers

Orenstein - Ar-
thur Koppel Co.

Rigging
Lambuth, C. E.
Markley, James E.

Roofing, Gravel &
Composition
Bender Roofing &
Paving Co.

Cal. Roofing Co.
Canilly & Co., J.
Enterprise Roof-
ing Co.

Fibre Stone &
Roofing Co.
Flaherty, R. H.

Goodmanson, A. K.
Larkin Asphalt
Co.

Lawson Roofing
Co.
Lovett Bros.

Malott & Peterson
Parry Co., H. M.
Raphel Roofing
Co.

Samuel Co., H. D.
Thibbets Roofing
Co.
Watsonite Co.

Western Asbestos
Magnesia Co.
Western Felt and
Refining Co.

Roofing (Slate &
Tile)
Graham, R. G.
White, Ed. A.

Roofing Materials
Bird & Son, F. W.
Johns - Manville

Co., H. W.
Paraffine Paint Co.
Waterhouse &
Price

Western Asbestos
Magnesia Co.
Western Builders'
Supply Co.

Whitler - Coburn
Co.

Sand, Gravel, Etc.
Bay Develop. Co.
Cal. Building Ma-
terial Co.

Holland, J. P.
Macallin Bros.
Stone Co., E. B. &
A. L.

Western Building
Material Co.
Western Develop-
ment Synacate.

Sanitary Garbage
Chutes
Bill & Jacobson

Saus Basting
McDermott, W.

Sheet Metal Wks.
Applegate Cor-
nicke Works

Atlas Heating &
Ventilating Wks.
Barth Cornicke
Works

Capitol Sheet
Metal Works
Comyns & Nygren
Crown Cornicke
Works

Cornicke
G. & M. Steel
Metal Works

Gulfooy Cornicke
Hibernia Sheet
Metal Works

Hicks, H. J.
Horseshoe Bros.
Ideal Cornicke Wks.

Kurell & Co., J. A.
McDon Sheet Met-
al Works

Morrison & Co.
S. F. Metal Stamp-
ing & Corr. Co.

United Metal
Products Co.
Western Furnace
& Cornicke Co.

Sidewalk Lights
Jackson Co., E. H.
Lewan & Co., J. E.

McGulgan & Co.,
John
Phoenix Sidewalk
Light Co.

Waterhouse &
Price

Stair Builders
Bishop & Perrine
Holler, John H.

Jacobson, J.
Johnson, C. Wm.
Porter, W. F.

Stewart, J. K.

Stationery
Foster & Short
Wright, J. J. H.

Steel Bars
Baker & Hamil-
ton

Dawson & Noyes
Woods & Hud-
son

Steel Erector
Schneider, Ed. C.
Pioneer Con. Co.

Williams Con-
struction Co.

Street Canteen
Connaham and
Elliot

Store Fronts
Kawner Mfg. Co.
Connaham & Elliot

Structural Steel
Contractors
Judson Mfg. Co.

Western Asbestos
Magnesia Co.
Western Iron Sup-
ply Co.

Woods & Huddart

Stoves
Manerum & Otter
Steiger & Kerr

Structural Steel Contractors.
Brode Iron Wks.
Dyer Bros.
Golden Gate Iron Works
San Francisco Iron Works
Ralston Iron Wks
Volcan Iron Wks.
Zenith Iron Wks.

Surveyors.
Morser, E. J.
Sanborn & Corin-
son
Withwell, Chas E.
Teaming & Grading.
Branick, J. P.
Button, L. V.

Carlin Bros.
Devenenzel & Co.,
Dillon Teaming Co.
Hartnett, J. D.
Holland, J. P.
Lennon Co., J. E.
Leflier, Fred
McGillchey & Monahan
Montague Co., P.
O'Day, W.
Pico Edw., P.
Powers, Chas. J.
Sibley, Teaming & Grading Co.
Schmid, A.
Star Contracting Co.

Wright Co., J. H.
Tiling.
Ginsberg & Co., S.
Mangrum & Otte-
Peerless Agency
Till, Mfg. Co., W.
Watson Mantel & Veneer
Bill & Jacobus
Hyde Henry C.
United Elec Co.
Sherman, Kimball
Wall Beds.
Marshall - Stearns

Water Company.
Spring Valley Water Works.
Whitewashing.
Simms Nelson Co.
Whitely, P. J.
Keigle & Jamelson
Taylor, L. A.
Window Cleaning.
American Window Cleaning Co.
Progressive Window Cleaning
United Window Clean Co.
Windows, Putting.
Birth Co., L. H.
Simplex Window Co.

Electrical.
American Electrical Engineering Co.
California Electrical Works
Central Electric Co.
City Electric Co.
Decker Electric Co.
Globe Elec. Co.
Levy Elec. Co.
National Elec. Co.
Otis Elevator Co.
Van Emon Elevator Co.
Fibre.
S. P. Fibre & Cordage Co.
Fireproof Doors.
Gervais, Henry.
Norris, L. A.
Roebeling Sons.
John A.
Floor Sanding.
Iniald Floor Co.
Pacific Floor Sanding Co.
Grill Work.
Cal Art Metal & Wire Works
Marble Co., A.
Sartorius Co.
Withington, C. W.
Gen. Contractors.
Andrus, R. C.
Brigham, H. B.
Caldwell, W. C.
Cereghino & Son, Louis
Currie & Currie
Demphak Bros.
Farquharson, D. B.
Fluth & Morton
Fraser & Fraser
Graham, D. E.
Griffith, Wm.
Hannah, J. D.
Hannah & Co., J.S.
Hayes, W. W.
Jackson, A.
Kuykendall, J. O.
Malley, Edward
Mathies, Henry
Peacock, John
Schnebley, Host-griff
Van Sant-Houghing Co.
Glass and Glazing.
Cal. Plate & Win-
dow Glass Co.
Cohen, I.
Cobbedick-Kibby
Glass Co.
Friedman Bros.
Fuller, W. P. & Co.
Habenicht & Howlett
Holland, J. P.
Schwarz & Gottlieb (Inc.)
Grinding & Tempering.
Church, D. O., Co.
Dillon, D.
Eureka Teaming Co.
Fay, S. J.
McClure, H. N.
Wilhelm, A. H.
Wilkie Co., A.
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Wright, Chas.
Monarch Teaming Co.
Shirley, L. B.
McLennan, S. H.
Granite.
Bradbury, Thos.
Cal. Granite Co.
De Lano & Sons, I. L.
Hunt, A. T.
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Krusse, J. H.
Lorenz, Schffae & Co.
Meyer, A.
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Hent & Licht
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Burnham Plumbing & Heating Inc.

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Mangrum & Otte-
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Snell & Dennis
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Acme Cement Co.
Argen Plaster Co.
California Lime & Hydrate Co.
Cement Co.
Cement Co.
Holland, J. P.
Holmes Distrib. -
Lennon, Jas. K.
Lumas, W. E.
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S. F. Lime Co.
Shasta Lime Products Co.
Western Building Material Co.
Western Lumber & Cement Co.
Lumber.
Acme Lumber Co.
Christenson Lumber Co.
Hardy, Jas. H., Inc.
Hart-Wood Lumber Co.
Humboldt Lumber Co.
Hauptman Lumber Co.
Hosper Lumber Co.
Krusse, J. H.
Lumber Co.
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Neal, L. J.

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Connolly, J. J.
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Caffery.

Fraser, Simon
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Leaf, A.
Lyden & Bickel
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GO.

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Proposed New Grammar School For Suisun.
Designed By Architect Henry C. Smith,
San Francisco.

New Hall Of Records For Colusa County
Now Under Construction. Designed By
Architect Henry C. Smith, San Francisco.

WEDNESDAY, MAY 27, 1914.

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**Combination
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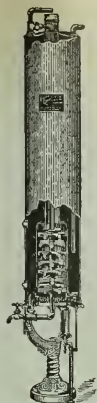
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Remedy for Syphilis, Eczema, Erysipelas, Acne, Malaria, Rheu-
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Sand
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Our products being carefully washed, screened and of uniform sizes insure sound and economical concrete construction.

OUR SIZES:

Clean River Sand	-	to $\frac{3}{8}$ inch
Gravel and Crushed Boulders	$\frac{1}{2}$ inch to	1 inch
" " " "	1 inch to	$1\frac{1}{2}$ inch
" " " "	$1\frac{1}{2}$ inch to	$2\frac{1}{4}$ inch

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Roofing Gravel to 1-2 inch
Cobble Stones for Bungalows.

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With a Modern Equipped Plant at Niles We Are
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Basement walls 22 ft. high. Cement plastered on inside against severe water pressure. Plaster waterproofed with Imperial Water Proofing.



Benl. G. McDougall, Architect.
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South and east cement walls waterproofed with Imperial Water Proofing. Color effect produced with Imperial Concrete Finish to match stone work of street fronts

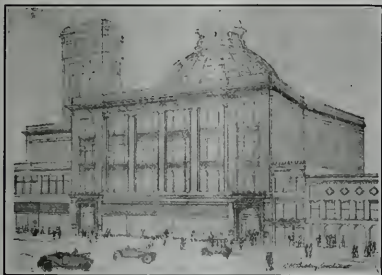


METCALF HOTEL, Geary nr Taylor.
Righetti & Headman, Architects.

Interior walls dampproofed with Imperial Damp Proofing. Exterior walls waterproofed with Imperial Water Proofing. Color effects with Imperial Pigments.



TEMPORARY CITY HALL, San Francisco
Wright, Rushford & Cahill, Architects
Exterior waterproofed with Imperial and color effects with Imperial pigments.



KAHN BROS. DEPARTMENT STORE, OAKLAND
C. W. Dickey, Architect
Seventy-five thousand sq. ft. basement floor and walls waterproofed with Imperial

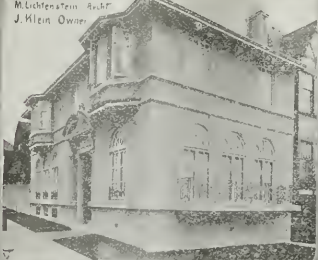


GERMAN HOUSE, San Francisco
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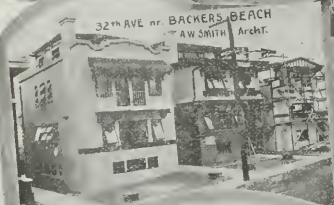
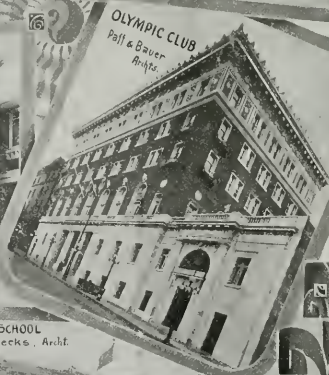
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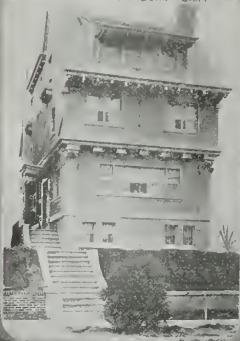
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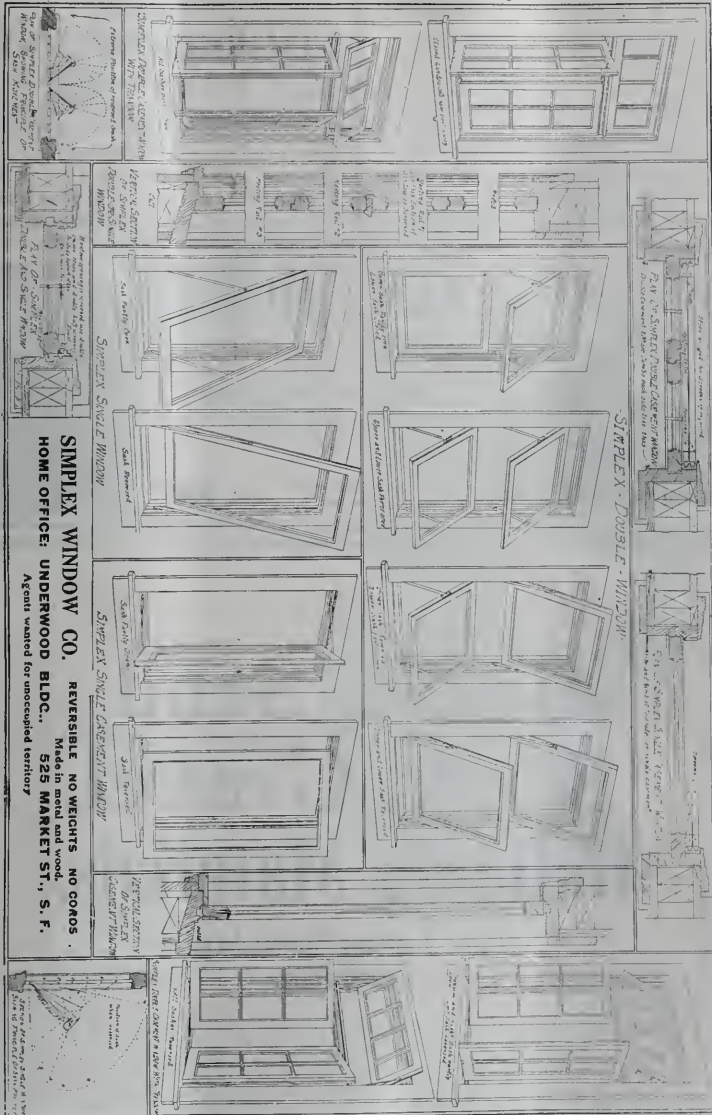
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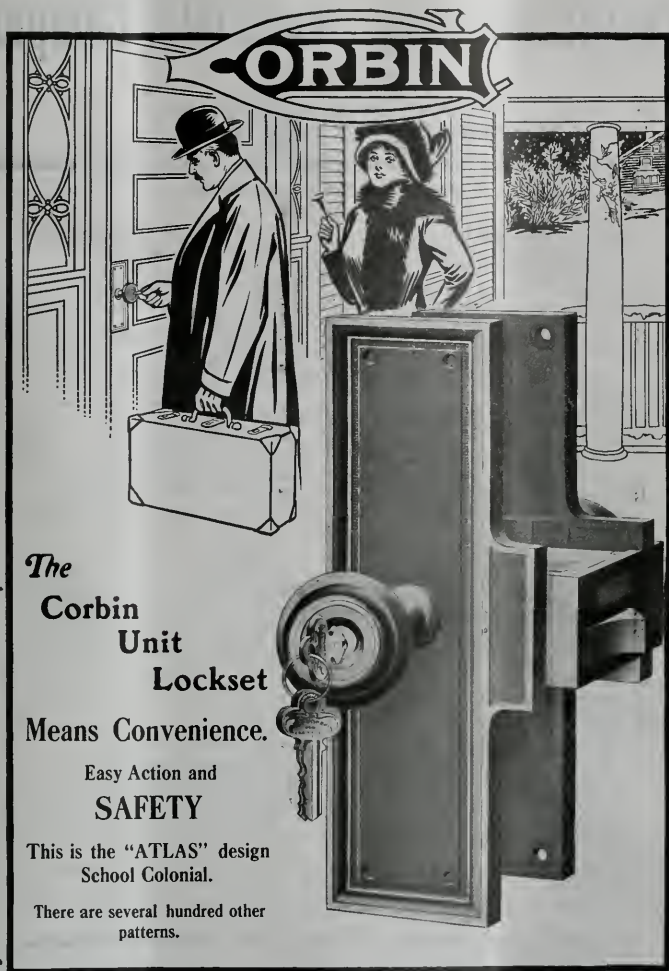
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Editorial Comment.

The following account of a fish or whale captured off the coast of Florida is given in the Technical World for May:

After a fight lasting thirty-nine hours, in which five harpoons and one hundred and fifty bullets were used, a remarkable monster was caught off Knight's Key, Florida. According to the scientists of the Smithsonian Institution, it is what is known as a whale-shark, and is believed to be the largest fish ever caught.

When captured this giant weighed thirty thousand pounds, which did not include a porpoise weighing fifteen hundred pounds, which it had swallowed. Its length is forty-five feet. A full-grown man could stand upright inside its stomach.

The mouth of the creature is more than three feet wide and forty-three inches deep. The tongue is forty inches long, and it has several thousand teeth much smaller than those of a baby. The tail looks like the caudal appendage of an aeroplane and is ten feet from tip to tip. The hide is three inches thick, and there are no scales. This big whale will be exhibited at the Panama-Pacific Exposition at San Francisco in 1915 to show what Florida fishing waters produce.

This not only shows there is good fishing in Florida waters, but will also furnish an argument for the orthodox church people that Jonah could have been swallowed by the whale. So if he lived for three days inside and he could withstand the action of the gastric acids of the leviathan's stomach, he would have been able to come out alive. However, it is about time to quit disputing about myths and let everybody believe these old stories as he sees fit.

Electrical iron and steel production in Sweden has been on the increase within a recent period. As to the amount turned out in that country, starting with 122 tons in 1908, it rose to 870 tons in 1910 and 18,600 tons in 1912, or the last report. There are upwards of 20 electric furnaces running at present, using in all some 69,000 horse-power. New furnaces are building at Lofoten, Gellivara and Sandviken. The Stora Kopparbergs Company recently purchased a waterfall which gives 150,000 horse-power, and is to build new furnaces in the near future. As regards chrome steel, a new plant was put in use not long ago at Trohatten with two electric furnaces, which reduce ore imported from New Caledonia and South Africa, using the three-phase system. The product contains from 5 to 9 per cent chromium,

and is furnished in four different grades.—Scientific American.

Long after the looting of the New Haven Railroad comes the delayed examination of the methods employed. And long after J. P. Morgan and the others involved are laid to rest comes the ghost of these transactions to haunt the memories of the Wall Street financier. Most people who had the energy and independence to think knew all these things before. But the majority of people were so hide bound by political prejudice that they allowed the priests of the temple of finance to rob them of their birthright and were anxious to assail any one who had the temerity to criticize these ministers in the money temples.

When these great financiers are stripped of their power and the steam roller that the people have given them is taken away how small they seem, in comparison to their former selves. In fact the claim of some of them to eminence is chiefly due to the fact that they managed to keep out of prison and in many cases that was owing to the fact that they were never prosecuted.

One thing that Thomas W. Lawson did for the public was to put his finger upon the particular facts of rottenness in the financial dealings of the high priests in the temple of money. His "Frenzied Finance" riveted the popular attention on particular transactions. And his literary style made readable a lot of facts that would have otherwise proved to be uninteresting. So that while Lawson claims no particular virtue himself he did state the facts in such a way that the mask of many a smug financier was torn away and a snog revealed in what he really was, the while he assumed a pharisaical virtue that he had not. As the years go by and the methods by which these money kings acquired their millions are exposed the only thing to be wondered at is that intelligent people stood for the system so long.

The latest news reports state that Huerta has agreed to resign. How much of truth there may be in this remains to be seen. It however has this one thing in its favor and that is that Huerta has repeatedly said he will not resign. Which probably means that he will. If he does resign and leaves the country one stumbling block will be removed in the way of establishing order in the country. But it will require the protecting hand of stronger governments to establish any kind of a stable government in that forsaken land amongst a people that have no stability of character or industry.

The Conservation Of Fuel and Efficiency In Power Production.

By Percival R. Moses In The Isolated Plant.

Nine hundred per cent waste in the manufacture of power seems to be an incredible statement, yet if the average power plant is studied the percentage of waste will be found to be more nearly two thousand per cent than nine hundred. This condition is startling, and like all matters connected with the conservation of natural resources, so fraught with importance to the future of the Race that it will bear emphasis.

It is only in the manufacture of power ready for use that such immense waste occurs. In the transformation from mechanical to electrical power, and in the utilization of the energy delivered electrically to motors, no such loss occurs. In large motors, a seven per cent waste may occur, which may increase to twenty per cent in small lightly loaded motors; but the important loss is at the start—in the transformation of the latent energy in the fuel into mechanical, useful energy.

This waste is going on every minute of every day in railroad locomotives, central railroad power and lighting stations, and in private power plants in factories and buildings. Every electric light signals to the engineering mind that for every single unit of energy actually transformed into light, between two and three hundred units have been lost irretrievably, and for every unit of energy transformed into mechanical or electric power, twenty to thirty units have been lost.

All this loss is as much a waste of the world's resources as the losses due to fire, earthquake or war; and the gay young blood throwing away thousands of dollars for an evening's amusement is no more a spendthrift of the world's capital than the manufacturer of light, electricity or mechanical power, nor is he any more culpable. Part of this waste, it is true, is unavoidable with our present knowledge and apparatus. The transformation of electric current into light is still, notwithstanding the great advances of the last five years, a most inefficient process. Such losses due to our lack of complete knowledge or means are unavoidable and we rather deserve credit for doing as well as we have done, instead of blame, but in the transformation of the energy contained in fuel into mechanical power and electricity, we are not so blameless.

We know—at least every technically trained engineer knows—that part at least of the present waste is easily avoidable, and the only factor which prevents the stopping of the waste in the selfish interest of the individual. Millions of dollars have been spent in perfecting boilers, furnaces, engines and electrical appliances, with the hope of bettering their efficiency a few per cent. Whole stations have been scrapped to gain ten or so per cent efficiency. Hills have been leveled and mountains tunneled to increase trans-

portation efficiency a few per cent, and millions upon millions have been spent in straightening curves with the same idea.

These are private enterprises and in each case there was a direct benefit looked for corresponding to the investment. The State must expect to obtain its benefit from the conservation of natural resources in the more or less distant future, but unless it does plan ahead as railroads plan their terminals, it will be bankrupt when that time arrives.

It is not time that the state step in and demand that selfish interest be subordinated to the general welfare? It would seem to be high time, for our anthracite resources have been estimated to last only a hundred or so years, and even our bituminous fields must in time disappear. It is not alone the exhaustion of our fuel beds that constitutes the waste. This is, perhaps, but a small proportion of the world's loss. Its greatest loss is the waste of labor in mining unnecessary quantities of fuel and in the labor or materials required to pay for the fuel unnecessarily consumed.

The army thus employed to supply this country's fuel waste is almost as great a loss as a standing army in times of peace, because in each case the labor thus wasted would be otherwise usefully employed in developing the wealth of the country. Although the fact that this waste is easily avoidable is generally known, the methods are not perhaps plain to even the trained engineer, nor is the difference between the interest of the individual and of the community clearly defined, and it is the purpose here to clarify these conditions.

The waste in transforming the latent energy of fuel into mechanical power, from which it may again be transformed into electricity, occurs to the greatest extent where steam is used as the medium for effecting the metamorphosis. In the ordinary electric station either for lighting or railroad service, equipped with modern apparatus, the fuel burned under a set of boilers transfers from 70 per cent to 80 per cent of its energy into the water contained in the boilers, changing this water into steam which, as its egress from the boiler is restricted and as additional quantities are being continuously added, increases its pressure until the outflow equals the quantity manufactured, when the pressure remains stationary. As is well known, in changing from water into steam nearly twenty times as much energy is stored as in increasing the pressure of the steam from one pound per square inch to one hundred and fifty pounds per square inch. When this steam is led to a steam turbine or steam engine, it drops in pressure but still retains the energy stored during the transformation from water into steam, so that only that portion of the fuel's energy is utilized which was stored during the increase of pressure. This

performance is greatly improved by the use of a condenser, allowing the drop in pressure to continue below the pressure of the atmosphere, and by this means the amount wasted is reduced from about two thousand per cent to around one thousand per cent. In particularly highly efficient plants the balance of the energy wasted goes out with the water used for condensing purposes.

If the steam after passing through the turbines or engines would be used to furnish heat for manufacturing purposes or for warming of buildings, the greater part of this waste would be avoided. The reason that this is not done more than it is, is that it does not pay the company operating the central plant to distribute this steam because such plants are usually placed away from the location of big buildings on account of the high value of real estate near such buildings, on the one hand, and on the other hand because of the low cost of delivering fuel to stations along the water front or near the railroad. Such location makes the investment for steam or hot water mains too great for the probable returns from the sale of heat, so the waste from a strictly commercial viewpoint seems necessary. This matter will be discussed more fully later on but, first, other transgressors should be pointed out.

A great proportion, possibly one-half of the larger buildings and nearly all separate mills and factories, have their own power manufacturing plants, usually known as isolated plants to distinguish them from the central electric stations. These plants are frequently highly efficient during that portion of the year in which the steam, after doing its work of driving the engines, is more or less fully utilized in warming the building or in evaporating or drying processes. In some mills where great quantities of steam are needed all the year for dyeing or drying, such as finishing mills, steam laundries, hat factories, sugar mills, etc., the fuel energy transferred to the steam is fully utilized and the only waste occurs in not burning the fuel thoroughly and in the radiation from steam pipes.

Little fault need be found with such plants from the point of view of conservation of resources, provided the easily preventable wastes frequently found are prevented.

The steam supplied by isolated plants not situated so as to be able to utilize the energy contained in the waste or "exhaust" steam is usually a most inefficient energy transformer during the warmer season, and in this period the losses are anywhere from three thousand to five thousand per cent of the energy utilized electrically or mechanically. These isolated plants in many cases do distribute steam to their neighbors where they can, but the number of instances where this is done is insignificant and the period when the supply is needed is restricted.

These isolated plants could be equipped with apparatus for the transformation of the energy in the fuel into electricity or mechanical power, far more efficient than the usual apparatus, and the sole reason why they are not so equipped is that it does not **pay the individual** to do so. In Germany for some years this problem has been recognized and all over the Empire will be found the so-called "lokomobiles," consisting of boiler and engine mounted together; the boiler operating at high pressures with steam superheated many hundreds of degrees. With the result that instead of using from eight to fourteen pounds of coal in practice to make a kilowatt of electricity for a period of one hour, these plants use from two to three pounds of coal with a corresponding reduction in labor of firing.

A great number of engines operating like automobile engines without the interpolation of steam, have been developed for transforming the energy directly from the fuel by burning it in the cylinder of the engine. Where the fuel is coal, such engines are known as producer gas engines, the coal being gasified in an iron shell, brick lined, termed a producer. After cleaning the gas is burned in the engine cylinder. The losses in this type of plant, due to heat going out with exhaust gases, heat carried away by the water used to cool the cylinders, and radiation losses, may be from 400 to 500 per cent of the energy actually available as electricity; but even with this waste only two pounds of coal are used to supply one kilowatt for an hour, instead of from eight to fourteen pounds. Where oil is the fuel, the engines are of the Diesel type where the oil is injected into the engine cylinder into a highly compressed body of air heated by the compression. The oil burns and transforms the latent energy in it into available mechanical energy, which in its turn is transformed efficiently into electricity. This type is even more efficient than the gas engine operated on producer gas, and the waste may only be 350 per cent of the useful energy. Part of the waste of heat in exhaust gases and jacket water of gas and oil engines may be avoided by using these to heat water or make steam for warming, drying or evaporating purposes, thus increasing the efficiency by 35 to 40 per cent.

The great increase in efficiency of fuel utilization made possible by these improvements in engines available to small plants becomes strikingly apparent if the quantity of two pounds of coal required to make a kilowatt for one hour is compared with the largest and most modern central lighting or railroad power station, where the coal used in regular practice is over four pounds per kilowatt hour. Test conditions show much better results than this, but this figure is about the best for a yearly average.

With these wonderfully efficient engines available, why are they not universally used. This query arises unavoidably. There are many answers. Formerly, unreliability, need of special knowledge, lack of standardization—all these and many other charges—were filed against gas and oil engines, but experience and development have put these aside and the real reason

that they are not universally used is that **it does not pay the individual well enough to do so.** They are being used widely and, in places where the manufacture of power is the main consideration, they are rapidly taking their correct place; but in the factory or building where steam is required for part of the year the owner does not wish to incur the double expense nor to give up the extra space required for the gas plant in addition to the steam plant. He frequently objects to two kinds of power equipment and fears the extra, though somewhat imaginary, complication.

It has appeared thus far that, during the season when steam is required for heating, the enormous highly developed central electric station may be and frequently is less efficient in its utilization of fuel than the private power plant, because of its inability to use the by-products of the manufacture of power. On the other hand, the private power plant, unless equipped with the modern high efficiency locomobile or gas engine, is far less efficient than the central electric station during half the year at least.

One remedy is clearly apparent. If the central lighting stations could transfer part of their work to the private plants during the heating season, and the owners of the private plants transfer their load to the central station during the warm season, the efficiency of both in the utilization of fuel would be greatly improved. There is still another period when such transfer might profitably (from the standpoint of the community at least) be made. The use of electricity varies with the time of day and season of the year. It is greatest around 4 to 8 o'clock at night during December and January. It is least during the early hours of the morning.

When power plants operate at much below the capacity for which they are designed, they fall off rapidly in efficiency, so we are confronted with the fact that except during heavy load periods the efficiency is far below the standard. If the private plant could transfer its load to the central station during its inefficient period, except during times in which steam would be required for heating—in the early morning—the efficient utilization of fuel would be still further increased. There are no electrical difficulties in the way of such transfers, yet they are not made and such plants continue to struggle along under the handicap of excessive waste and our resources continue to be thrown away.

Why? Because there is bitter rivalry between the central electric station and the private power plant. The central electric station sees what it considers to be the inevitable growth of larger and larger buildings. It aims to supply these even at very low prices for electricity, and as its only competitor is the private plant it seeks every means of destroying such plants, and where it can do so refuses co-operation. If it thinks co-operation will aid the growth of such plants, in other words, the central electric station has not co-operated with the private plant because it has not thought that, taking all things into consideration, it would pay to do so.

The private power plant owner, even where he can obtain service from a

central station to supplement his own service, does not utilize the central station service when he should do so from the viewpoint of conservation, because it does not pay him to do so at the price charged for electricity.

We have, then, the situation in a nutshell: Part of our natural resources and of our resources of capital and labor are being squandered because it does not pay the individuals to save them. Should not the State step in and say: "Here, Messrs. Power Manufacturers, we are willing you should continue to make power or electricity or steam, but you must do it efficiently even if you lose something by doing so. Hereafter, no one shall be allowed to make power except in the most efficient way. We will establish an Efficiency Board to pass on all plans for power manufacture. You will be required to use such types of apparatus as will keep the use of fuel down to a minimum. We shall establish rates which will make it less burdensome for you, Mr. Private Plant Owner, to shut down your plant when it cannot be run efficiently from our point of view of conservation of fuel. Where it is possible to do so, we will require the Central Electric Stations to distribute their steam for heating, even if they don't make much money by so doing, and if the conditions make this impossible we will require them to co-operate with Private Plants during the winter season so as to fully utilize the capacity of these plants for the supply of electricity and steam to neighbors and thus avoid double use of fuel for making electricity and for making heat."

This is what a state would have to do if the end of its natural resources was in sight. Is it necessary for us to wait until then or shall we do it now and put off that evil day? The matter is not a theoretical one or one of minor importance. In the city of New York alone the avoidable fuel wastes from the great central stations is enough to heat all the large buildings not already provided with private plants and will probably approximate six hundred thousands tons a year. If to this is added the waste due to inefficiency of the thousand odd plants of the city, we would find that the total avoidable waste would be over a million tons a year.

Think what this would mean applied to the whole country. Imagine the labor saved in mining, transportation and hiving of this fuel; in removing ashes and in capital expenditure. Our municipalities already insist that water shall be used economically, even if it is paid for on a meter basis, and the Nation no longer permits its forests and streams to be lavishly destroyed. Other nations regulate the methods of cutting timber and mining coal, so that unnecessary waste will be prevented; so this plea for efficient production and enforced co-operation would not seem to be entirely without warrant.

England seems to have been having some troubles of its own. What with the Ulster Army and the suffragettes and the riot in the House of Commons there seems to be a good deal going on in Merrie England. So that with all her adherence to precedent, even in these peaceful times, there is enough to occupy the attention of her statesmen.

Plans desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 6 story and base. Class C construction, \$65,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Rousseau Realty Co. The building will be erected on the north side of Bush street west of Stockton, having a frontage of 10 feet and a depth of 7 1/2 feet. There will be a total of 36 apartments of two and three rooms. Interior finish will be of pine with elm panels, hardwood floors and beam ceilings. Plans provide for steam heat, elevator service and a vacuum cleaning system. All suites floors and wainscot. Entrance will be with wall beds and private bath rooms. Bath rooms will have tile finished in marble and tile. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are complete and excavating has been started. Carpentry work will be done by Day Labor. All other parts of the work will be let by contract. Bids will be taken at once.

SAN FRANCISCO—Apartment house, 7 story and base, brick and steel. Cost not stated. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owners, Henry A. Voorman, as guardian. The building will be erected at the northwest corner of Bush and Mason streets, and will cover a considerable ground area. There will be a large number of two and three room suites, all with private bath room and wall beds. Interior will be finished in pine with some hardwood panels and veneer. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are complete and a general contract will be let shortly. Arthur Arlett has secured the contract at \$7,350 for plain and reinforced concrete foundation work.

SAN FRANCISCO—Apartment house, 4 story and base, reinforced brick, \$68,000. Architect, G. Albert Langburgh, 709 Mission street, S. F. Owners, Gaffney Estate. The building will be erected on the north side of Sutter street between Taylor and Jones streets, having a frontage of 60 feet and a depth of 137 1/2 feet. Apartments will be arranged in suites of two and three rooms with wall beds and private bath rooms. Interior finish will be of pine and elm panels with some oak floors. There will be steam heat, elevator service and a hot water supply. Bath rooms will be finished in tile and will have composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

OAKLAND, CAL.—Apartment house, 3 story and base frame. Cost not stated. Architect, M. L. Newsom, 1852 5th avenue, Oakland. Owner J. Asaveida. The building will be erected on 4th avenue near East 18th street, and will contain a number of two and

three room suites. Interior finish will be of pine with some elm panels and oak floors. All apartments will have private bath rooms and wall beds. Bath rooms will be finished in tile and will have composition floors. Plans provide for a hot water system. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. A brick veneer base will be used. Plans are complete and figures are now being taken on the work.

SAN FRANCISCO—Apartment house, 5 story and base, reinforced concrete, \$50,000. Architect, Edward F. Helms, 35th avenue and California street, S. F. Owner's name withheld. The building will be erected on Pine street near Taylor, and has been designed to contain 40 suites of two and three rooms. All apartments will have wall beds and private bath rooms. Interior finish will be of pine with some elm panels and oak floors. Plans provide for steam heat, elevator service, a hot water system and portable vacuum cleaning. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in tile and marble. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

SAN FRANCISCO—Apartment house, 4 story and base, reinforced concrete, \$26,000. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, J. E. Reite. The building will be erected at the northwest corner of Franklin and Filson streets, covering an area of 40 1/2 by 82 feet. The building has been designed to contain sixteen suites of two and three rooms, all of which will have private baths and wall beds. Interior finish will be of pine with some elm panels. Bath rooms will have tile wainscot and composition floors. Plans provide for steam heat and a hot water system. Entrance will be finished in tile and marble. Exterior of the building will be faced with cement plaster. Plans are complete and segregated figures are being taken.

BANKS.

SUNSHINE SOLANO CO., CAL.—Bank, 1 story and base. Class C construction, \$15,000. Architect, O. R. Thayer, Merchants' National Bank Bldg., S. F. Owners, First National Bank of Sunshine. The building will cover an area of 24 by 74 feet, and has been designed with foundations and exterior walls of sufficient strength to carry an additional story. Interior will be arranged for a large public space, banking work space, president's office and directors' rooms. Interior finish will be of pine, oak and mahogany. Marble and tile with ornamental plaster and ornamental iron and bronze will be used extensively. Plans provide for coin and safe deposit vaults. Exterior of the building will be faced with red pressed brick. Large granite columns and pilasters will be used. Plans are complete and work has been started by Day Labor. Some subcontracts will be let through the owners.

BRIDGES AND DAMS.

SAN JOSE, SAN JUAN CO., CAL.—Bridge, reinforced concrete. Cost not stated. Engineer, County Surveyor J. G. McMillan, San Jose. Owners, Santa Clara County. The bridge will be erected over Penetenoia Creek near Alum Rock avenue. Plans have been completed and figures are now being taken. Bids will be opened by the Board of Supervisors on June 1st. Plans and specifications can be secured from the County Clerk.

MADERA, MADERA CO., CAL.—Bridges, reinforced concrete and wood. Cost not stated. Engineers, Federal Engineering Co., Central Building, L. A., associated with County Surveyor T. E. Smith, Madera. Owners, Madera County. Bids will be received by the Board of Supervisors of Madera County up to 11 a. m. of June 2nd, 1914, for the erection of seven reinforced concrete bridges in accordance with plans and specifications prepared by the Federal Engineering Co., Central Bldg., L. A. Plans may be obtained at the office of the engineers or from the County Surveyor T. E. Smith of Madera. The structures include two 3-hinge arch bridges—one 145 feet long consisting of two spans over Walker Creek; one 133 feet long of two spans over Gold Creek; and the following concrete girder type bridges: One 600-foot structure over Ash Slough, one 200-foot structure over Cottonwood Creek, one 140-foot structure over Cottonwood Creek, and 50 and 70-foot structures over creeks south of Berendo. R. W. Curtin is County Clerk. Bids will also be received by the Board of Supervisors up to 11 a. m. of Monday, June 2nd, 1914, for constructing a wood and steel bridge 180 feet long over Chowchilla Creek, and also a wood trestle bridge in accordance with plans and specifications on file in the office of County Surveyor T. E. Smith.

STOCKTON, SAN JOAQUIN CO., CAL.—Bridge, reinforced concrete and steel. Cost not stated. Engineer, City Engineer, Stockton. Owners, City of Stockton. The City Engineer has been instructed to prepare plans for a reinforced concrete bridge to be erected over the Mormon Channel at Sutter street. Working drawings will be completed at rapidly as possible and figures will be taken. Further mention will be made of the work.

DAVENPORT, SANTA CRUZ CO., CAL.—Wharf, timber construction. Cost not stated. Engineer's name not given. Owners, Santa Cruz Portland Cement Co. Representatives of the Thomson Bridge Co. of San Francisco were in Davenport recently taking soundings for a large timber pile wharf which will be erected by the Santa Cruz Portland Cement Co. The structure will be in the neighborhood of 1500 feet long.

Contracts Awarded.

HENDERSON, SHASTA CO., CAL.—Bridge, steel and concrete, \$7,000. Engineer, County Surveyor, Redding. Owners, Shasta County. Contractor, M. B. White, Stockton. Contract price, \$6,425.

REDDING, SHASTA CO., CAL.—Bridge, steel and concrete, \$19,650. Engineer, City Engineer, Redding. Owners, City of Redding. Contractors, Chico Construction Co., Chico. Contract price, \$19,650. Other bids submitted were as follows: Ross Con-

struction Co., Sacramento, \$57,777; F. Rolandi, San Francisco, \$53,450; W. N. Concannon, San Francisco, \$52,785.

CHURCHES.

FRESNO, PRESNO CO., CAL.—Church, 1 story and base, brick, \$36,000. Architect, H. F. Starbuck. Fresno Owners, German Free Lutheran Church of Fresno. The building will be erected at the corner of P and San Diego streets and will cover a considerable ground area. There will be a large main auditorium and Sunday school rooms, pastor's study and social rooms. Interior will be finished in pine with some ornamental plaster. There will be a central heating system. Exterior of the building will be faced with pressed brick. Plans also include art glass windows. Plans are now being prepared and figures will be called for shortly.

COURT HOUSES.

PORT ANGELES, CLALLAM CO., WASH.—Court House, 2 story and base, reinforced concrete, \$50,000. Architect's name not given. Owners, Clallam County. The building will be of fireproof construction with reinforced concrete walls and floors. Interior partitions will be of metal lath and plaster. Besides the offices for the various county officers the building will contain a large meeting room for the supervisors, two court rooms and the county jail. Interior finish will be of pine and hardwood. Fireproof vaults will be installed. Plans provide for steam heat and a hot water system. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

Contracts Awarded.

ALTURAS, MODOC CO., CAL.—Court house, 2 story and base, reinforced concrete, \$90,000. Architect, F. J. De Longchamps, Reno, Nev. Owners, Modoc County. Contractors, W. N. Concannon Co., Monadnock Bldg., S. F., general construction only. Contract price, \$11,444. Plumbing and heating awarded to Jacob Meyer, Reno, Nev. Contract price, \$7,596.

FACTORIES & WAREHOUSES.

OAKLAND, CAL.—Warehouse, tanks, etc., frame construction. Cost not stated. Architects, Righetti & Headman, Phelan Bldg., S. F. Owners, Pinalone Refining Co., Livingston street, Oakland. Included in this work will be a large warehouse, steel and concrete tanks, reservoir, office building, loading shed and a garage. Except for the tanks and reservoir all construction will be of frame and corrugated iron. Plans are being prepared and when complete the work will be done by Day Labor.

PORTLAND, ORE.—Factory, 4 story and base, brick, \$90,000. Architects, McNaughton & Raymond, Title and Trust Bldg., Portland. Owner, Oscar Heintz. The building will be erected on the East Side, overing an area of 100 by 200 feet. Interior finish will be of pine. Plans provide for two large freight elevators, automatic sprinklers, metal window sash and frames and fireproof doors. Exterior will be faced with stock brick. Plans are

complete and figures will be called for shortly.

Contracts Awarded.
SEATTLE, WASH.—Warehouses, 2 1 story, frame and concrete, \$105,147. Architect, Port of Seattle Commission. Seattle. Owners, City of Seattle. Contractors, Dow & Ryden, Melhorn Bldg., Seattle. Contract price, \$105,147.

FLATS.

SAN FRANCISCO—Flats, 3 story and base, frame, \$8,000. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, Mr. Shibeley. The building will be erected on Rich street near Fourth and has been designed to contain three modern flats of five and six rooms. Interiors will be finished in pine and redwood. There will be open fire places in the living rooms with tile mantels. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and shiplap. Plans are now complete and figures are being taken. A general contract will be awarded.

SAN FRANCISCO—Flats and store, 2 story and base, frame, \$7,000. Architect, William Mooser, Nevada Bank Bldg., S. F. Owner, T. H. Frederickson. The building will be erected on the west side of Fillmore street north of Union, and will have one store on the ground floor and a seven-room flat above. Interior will be finished in pine and redwood. Some oak floors will be used. There will be open fire places and tile mantels. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 3 story and base, frame, \$9,000. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner's name withheld. The building will be erected on Union near Taylor, and has been designed to contain three modern flats with a private garage. Interior finish will be of pine and hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for open fire places and tile mantels. Automatic water heaters will be installed. Bath rooms will have tile wainscot and composition floors. Entrances will be finished in tile and marble. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Flats, 3 story and base, frame, \$5,000. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, Mr. De Martini. The building will be erected at the southwest corner of Auburn and Pacific streets, and has been designed to contain three small flats. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. Each living room will have an open fire place with tile mantel. Bath rooms will be finished in tile wainscot and will have composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not

stated. Architects, Walker & Sawyer, Milburn Bldg., L. A. Owner, D. F. Hill. The building will be erected at the northwest corner of Sixth and Wall streets, covering an area of 79 by 120 feet. Plans show four stores on the first floor. Besides the hotel entrance and lobby. Upper three floors will contain a total of 110 rooms and 40 baths. Interior will be finished in pine throughout. There will be steam heat, a hot water system and elevator service. Bath rooms will have tile wainscot and composition floors. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and a contract will be awarded on the percentage basis.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, none. Owner, A. Petri, 335 Pierce street, S. F. The building will be erected on the west side of 11th avenue south of Cabrillo, having a frontage of 25 feet and a depth of 61½ feet. There will be two modern flats of six rooms each. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Automatic water heaters will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

Contracts Awarded.

SUTHERLIN, ORE.—Hotel, 2 story and base, brick and concrete, \$25,000. Architect, Earl A. Roberts, Selling Bldg., Portland. Owner, F. E. Waite. Contractor, A. E. Shiria, Sutherlin. Contract price, \$25,000.

GARAGES.

SAN FRANCISCO—Garage, 1 story and base, reinforced concrete. Cost not stated. Architects, Falch & Knoll, Hearst Bldg., S. F. Owners, Bannan Bros., 6th and Folsom streets, S. F. The building will cover an area of 85 by 127½ feet, and will be of fireproof construction. There will be the usual storage space, machine shop and office. Interior finish will be of pine. A cement floor and steel roof trusses are specified. Metal window sash and frames will be used. There will be a gasoline storage tank of 300 gallons capacity. Exterior of the building will be faced with cement plaster. Plans are complete and in the hands of the owners who are now taking figures on the work.

SAN FRANCISCO—Garage, 1 story and base, reinforced concrete. Cost not stated. Architect, O. R. Thayer, Merchants' National Bank Bldg., S. F. Owner, Ross Forsythe. The building will be erected in the 300 block on Presidio avenue, and has been designed to contain seven private garages, each 9 by 24 feet, and arranged around a court which will contain the wash room, machine shop and storage tanks. Interior finish will be of pine. There will be metal window sash and frames. A cement floor will be used. Exterior of the building will be faced with cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor.

GOVERNMENT WORK AND SUPPLIES.

Prospective Bidders.

Specifications for work under the office of the supervising architect have been furnished to the following firms in addition to those previously noted in these columns:

Brigham City, Utah, Construction.

June 1.

J. H. Wiese, City National Bank Building, Omaha, Neb.
The Morris Co., Evans Building, Washington, D. C.

Parrott Bros. Co., 815 Newhouse Building, Salt Lake City, Utah.

Daniel T. McCarthy, 411 Walnut street, Philadelphia, Pa.

Casper, Wyo., Construction, May 29.

J. P. Jenkins & Co., Ocala, Fla.

Daniel T. McCarthy, 411 Walnut street, Philadelphia, Pa.

E. D. Sharp, Chico, Cal.

F. P. Amweg, Marston Building, San Francisco, Cal.

Frank Gallagher, 180 Jessie street, San Francisco, Cal.

J. B. Reite, 110 Jessie street, San Francisco, Cal.

Hiram-Lloyd Building and Construction Co., Odd Fellows Building, St. Louis, Mo.

Liebel-Binney Construction Co., Erie, Pa.

Barnes Bros., Logansport, Ind.

J. P. Unterkfer & Co., Minerva, O.

King Lumber Co., Charlottesville, Va.

George Hinchliff Co., 1408 Security Building, Chicago, Ill.

Kress General Construction Co., Livingston, Mont.

J. H. Wiese, City National Bank Building, Omaha, Neb.

Amelia, Ore., Changes, Freight Lift, Etc., June 15.

Otis Elevator Co., Metropolitan Bank Building, Washington, D. C.

Robert Wetherill & Co., Chester, Pa.

Faunt Le Roy Elevator Co., Baltimore, Md.

Stoner, Shaw & Co., Pittsburgh, Pa.

The Maintenance Co., 56 Franklin street, New York City.

A. Kieckhefer Elevator Co., 1026 St. Paul avenue, Milwaukee, Wis.

Albro-Clem Elevator Co., 7th street and Glenwood avenue, Philadelphia, Pa.

The Standard Plunger Elevator Co., 1411 Walnut street, Philadelphia, Pa.

The H. J. Reedy Co., 11 W. 2nd street, Cincinnati, Ohio.

A. B. See Elevator Co., St. Paul Building, New York City.

Warsaw Elevator Co., 242 State street, Rochester, N. Y.

The Ohio Elevator and Machine Co., Bond Building, Washington, D. C.

The Portland Co., Portland, Me.

Kaestner & Hecht Co., Harrison and Throop streets, Chicago, Ill.

C. W. Smith Elevator Co., 122 Washington street, Buffalo, N. Y.

Van Emon Elevator Co., 46 Natoma street, San Francisco, Cal.

Warner Elevator Mfg. Co., Cincinnati, Ohio.

Pearl Harbor Storage Tank.

The contract for furnishing one 300,000-gallon steel fuel-oil storage tank for the naval station, Pearl Harbor, has been awarded to the Pittsburgh-Des Moines Steel Co., 807 Curry Building, Pittsburgh, Pa., at \$1,719.

Berkeley, Cal., Plaster Muds.

The contract for furnishing plaster

BUILDING AND INDUSTRIAL NEWS

Wednesday, May 27, 1914.

models for the U. S. post office at Berkeley, Cal., has been awarded to E. Jung, Washington, D. C., at \$124.

Army Work Authorized.

The quartermaster general has directed the chief quartermaster, Honolulu, Hawaii, to advertise for bids for the construction at Fort Shafter, H. T., of three hospital wards, one isolation ward, one operating pavilion, and one hospital corps dormitory.

Denver, Colo., Post Office.

The supervising architect, Treasury Department, Washington, D. C., has awarded the contract for the construction of minor outside work and interior finish of the U. S. post office at Denver, Colo., to Norman Ker, 1123 Broadway, New York City, at \$181,900; plus alternate N-13, substitution of cork floors for wood floors in the district court, court of appeals, and law library.

Beams and Angles.

Bids for pipes, I-beams and angles, advertisement 296, Yuma project, Arizona, U. S. reclamation service, were opened at Los Angeles as follows:

American Steel Pipe and Tank Co., Los Angeles, Cal., item 1, \$361.80 (discount 2 per cent, 10 days), 7 days, Los Angeles, Cal.; item 2, \$29 (discount 2 per cent, 10 days), 7 days, Los Angeles, Cal.

Baker Iron Works, Los Angeles, Cal., item 1, \$389 (discount 2 per cent, 10 days), 10 days, Los Angeles; item 2, \$28.40 (discount 2 per cent, 10 days), 10 days, Los Angeles.

Union Machine Co., San Francisco, Cal., item 1, \$429, 30 days, San Francisco; item 2, \$27, 30 days, San Francisco.

Lacy Mfg. Co., Los Angeles, Cal., item 1, \$470, 10 days, Los Angeles; item 2, \$30, 10 days, Los Angeles.

Fulton Engine Works, Los Angeles, Cal., item 1, \$762, 25 days, Los Angeles; item 2, \$32, 10 days, Los Angeles.

Judson Mfg. Co., Emery, Cal., item 2, \$18.50, 3 days, Emery, Cal.

Notice to Bidders for Naval Supplies.

The annual guaranties and annual contract bonds filed with the bureau of supplies and accounts, Navy Department, will expire June 30, 1914. It will be necessary for bidders to file new guaranties and bonds for the next fiscal year, beginning July 1, 1914, and ending June 30, 1915. The necessary blanks for this purpose will be furnished on request by the bureau of supplies and accounts, Navy Department. It is suggested that bidders intending to file such guaranties and bonds do so as early as possible so that they will be on file in time to cover bids and contracts after July 1, 1914.

Grass Valley, Cal., Construction.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for the construction, complete, of the U. S. post office at Grass Valley, Cal.:

Bid 1. Eugene Schuler, Pasadena, Cal., \$53,000.

2. Frank Gallagher, 180 Jessie street, San Francisco, Cal., \$51,780.

3. E. F. Burke, 43 Sussex street, San Francisco, Cal., \$48,245.

4. Monson Bros., 1907 Bryant street, San Francisco, Cal., \$39,888.

5. Welch Bros., Oakland, Cal., \$42,474.

5. The Kling Co., Los Angeles, Cal., \$52,600.

For alternate No. 1 (substituting brick paving for the macadam and concrete gutter of the driveway, as specified), add—Bid 1, \$729; 2, \$1,125; 3, \$420; 4, \$400; 5, \$500; 6, \$550.

For alternate No. 2 (using Keene's cement for certain plastering, as specified), add—Bid 1, \$1,000; 2, \$290; 3, \$720; 4, \$150; 5, \$90; 6, \$550.

Amount included in the proposal for furnishing and installing of interior lighting fixtures—Bid 1, \$1,080; 2, \$550; 3, \$835; 4, \$700; 5, \$650; 6, \$995.

Tatoosh Island, Wash., Building.

The following bids were received by the chief, bureau of yards and docks, Navy Department, Washington, D. C., for constructing chief operator's quarters, naval radio station, Tatoosh Island, Wash.:

Item 1, work, complete, except plumbing and wiring; 2, add for plumbing; 3, add for wiring.

W. N. Concanon Co., San Francisco, Cal., item 1, \$4,627; 2, \$800; 3, \$75.

Christ Kuppler, 1307 7th avenue, North Seattle, Wash., item 1, \$3,382; 2, \$523; 3, \$65.

H. E. Doering, 568 Maple street, Portland, Ore., item 1, \$6,390; 2, \$500; 3, \$90.

Carlson & Son, Seattle, Wash., item 1, \$2,030; 2, \$620; 3, \$60.

David Kringlund, Seattle, Wash., item 1, \$3,209.75; 2, \$394.75; 3, \$95.

Harry A. Cotton, Port Angeles, Wash., item 1, \$2,880; 2, \$550; 3, \$65.

Contracts Awarded.

SAN FRANCISCO—Stables, 5, 1 story, reinforced concrete, \$73,673. Engineer, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Contractor, Frank M. Garden Co., S. F., general construction, using slate roof, \$73,673. Electric work, Frank M. Garden Co., \$875. Plumbing, W. A. Newsom, \$3,000.

-HALLS & SOCIETY BLDGS-

SAN PEDRO, LOS ANGELES CO., CAL.—Club house, 1 and 2 story, reinforced concrete, \$200,000. Architect, Howard Shaw, Chicago, associated with Myron Hill, Hiberman Bldg., L. A. Owners, Palos Verdes Syndicate. The building will be erected on Portunese Bend north of San Pedro, and has been designed in the Mission style. There will be a large lobby, living room, main and private dining rooms, card rooms, reading and lounging rooms and in the neighborhood of 150 guest rooms, all of which will have private baths. Interior finish will be of pine and hardwood. There will be steam heat and a hot water system. A large open air plunge 60 by 120 feet will also be installed. Exterior of the building will be faced with cement plaster with a red clay tile roof. Plans are now being prepared.

SACRAMENTO, CAL.—Lodge hall, 4 story and base, brick and steel, \$70,000. Architect, Washington J. Miller, 45 Kearny street, S. F. Owners, Sacramento Parlor Native Sons of the Golden West. The building will be erected at the corner of 11th and J streets, covering a large ground area. There will be stores on the first floor and the lodge rooms, ball room and of-

fices on the upper three floors. Interior will be finished in pine and hardwood. Plans provide for steam heat, elevator service and a vacuum cleaning system. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures will be called for shortly.

OAKLAND, CAL.—City Hall lighting. Cost not stated. Architects, Palmer, Hornbostel & Jones, City Hall, Oakland. Owners, City of Oakland. Plans have been completed for furnishing and installing lighting fixtures in the new Oakland City Hall. Bids will be opened by the City Council on June 4th. Plans and specifications can be secured from the office of the architects.

HOSPITALS

SAN FRANCISCO—Hospital, 2 story and base, reinforced concrete, \$55,000. Architect, John Baur, Sharon Bldg., S. F. Owners, Infirmary for Incurables Association. The building will be erected at the corner of Wood and Geary streets and will contain twelve private rooms and two small wards. Construction will be fireproof with exterior walls, floors and roof of concrete. Interior partitions will be of metal lath and plaster. Plans provide for steam heat, elevator service and a hot water supply. Modern hospital plumbing will be installed. Considerable tile will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SAN FRANCISCO — Hospital furniture, etc. Cost not stated. Architects, City Department of Architecture Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans are complete and figures are now being taken for furnishing and installing furniture, white enamel furniture, china, glass ware, enamelware, cutlery, kitchen utensils, bedding, linen, clothing, X-ray apparatus and surgical instruments for the new City and County Hospital. Bids will be opened on June 29th by the Board of Supervisors.

Contracts Awarded.

MARTINEZ, CONTRA COSTA CO., CAL.—Hospital addition, 2 story and base, brick. Cost not stated. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Contra Costa County. Contractors, Boyd, Kerr & McLean, S. F. General construction. Contract price, \$28,752. Plumbing and heating to Timothy Collins, S. F. Contract price, \$2,185. A complete list of these figures appears under the heading of Marin, Contra Costa and Sonoma Counties.

HOTELS.

SAN FRANCISCO—Hotel, 14 story and base, Class A construction, \$450,000. Architect, G. A. Applegarth, Call Bldg., S. F. Owners, Cliff Estate. The building will be erected at the southeast corner of Geary and Taylor streets, and when complete will be one of the largest hotels on the Pacific Coast. Structural steel work has been completed and figures are now being taken for the balance of the work. The structure will be fireproof throughout, and will cover an area of 137½ feet square. Interior will be handsomely finished in pine, hardwoods and metal trim. All guest rooms will

have private baths. Plans provide for steam heat, elevator service, a hot water system and vacuum cleaning. Lobby, office and lounging rooms will have tile floors and ornamental plaster. Exterior of the building will be faced with pressed brick. Segregated figures are being taken for all parts of the work except the structural steel.

CHICO, BUTTE CO., CAL.—Hotel, 7 story and base, brick and steel. Cost not stated. Architect's name not given. Owners, Wendell Miller and F. J. Nottelmann, Chico. The building will be erected at the corner of Main and Third streets and will be arranged for a number of stores on the first floor besides the hotel office and lobby. Upper floors will contain in the neighborhood of 130 guest rooms, a large percentage of which will have private baths. Interior will be finished in pine throughout. There will be steam heat, elevator service and a hot water supply. Bath rooms will be finished in tile and will have composition floors. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans will shortly go out for figures.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick. Cost not stated. Architects, Western Building Co., Lankershim Bldg., L. A. Owner, G. A. Thiele. The building will be erected on Wall street, having a frontage of 50 feet and a depth of 113 feet. There will be several stores and 76 rooms. Nearly all rooms will have private baths. Plans provide for steam heat and elevator service and a hot water supply. Bath rooms will have tile wainscot and composition floors. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken on subcontracts and materials.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Attention of Exposition bidders. Official notice. Your attention is invited to the fact that on various items of work in connection with the construction of the Exposition, which are not of sufficient importance to advertise separately, a bulletin board has been established in the Service Building on the Exposition Grounds on which will be posted from time to time the work on which bids are desired, and this bulletin board will also state the time and place where such bids will be opened.

WILLIAM H. CROCKER.

Chairman of the Buildings and Grounds Committee.

SAN FRANCISCO — State exhibit building, 1 and 2 story, frame and plaster. Cost not stated. Architect, James B. Dibeika, Room 648 29 South La Salle street, Chicago, Ill. Owners, State of Illinois. Plans have been completed for the building which is to house the State of Illinois exhibits at the Panama-Pacific Exposition and have been forwarded to Guy Cramer, Room 302 Lachman Bldg., this city, for figures. Bids will be opened by the Illinois State Commission on June 5th. An official proposal for the work appears in another column of this issue.

Plans and specifications can be secured from Mr. Cramer.

SAN FRANCISCO—Brick screenings. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans have been completed and figures are now being called for furnishing the Exposition Company with red brick screenings for constructing certain macadam roads in the Exposition grounds. Plans and specifications can be secured from the office of the Director of Works, Service Bldg. Bids will be opened on June 4th. An official proposal appears in another column of this issue.

SAN FRANCISCO—Scintillator pier. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the construction of a pier for the new type scintillator to be installed at the Exposition grounds have been completed and figures are now being called. Plans, specifications and complete particulars of this work can be secured from the office of the Director of Works. Bids will be opened on May 28th. An official proposal appears in another column of this issue.

SAN FRANCISCO—Kiosks. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened by the Buildings and Grounds Committee of the Exposition Co. on May 28th for constructing a number of Kiosks on the Exposition grounds. Plans and specifications can be secured from the Director of Works, Service Bldg. An official proposal for this work appears under another heading in this issue.

SAN FRANCISCO — State exhibit building, 2 story, frame and plaster. Cost not stated. Architect's name not given. Owners, State of Wisconsin. Bids opened in Milwaukee for this work show Pringle-Dunn & Co. low at \$19,760. A representative of Wisconsin will arrive in this city shortly to consult with the three lowest bidders. Slight changes may be made in the plans and figures taken from the three lowest bidders. An announcement of the award of contract will be made in these columns.

SAN FRANCISCO — State exhibit building, 2 story, frame and plaster, \$30,000. Architect, A. F. Heide, 46 Kearny street, S. F. Owners, State of Washington. Plans and specifications have been completed for the construction of the Washington State Building at the 1915 Exposition. Bids are now being taken and figures will be opened on June 10th. Plans and specifications can be secured from the architect. An official proposal appears under another heading in this issue.

SAN FRANCISCO — State exhibit building, 2 story, frame and plaster. Cost not stated. Architect represented by Guy Cramer, 302 Lachman Bldg., S. F. Owners, State of Illinois. The following firms have applied to Guy Cramer for plans and specifications for the State of Illinois Building: Lange & Bergstrom, Strehlow-Preuss & Co., Murphy-Brooks Co., Nell A. McLean, Connors-Petersen, Charles Wright, Grant Fee, Pringle-Dunn & Co., Van Sant-Houghton Co., Pope & Talbot Co.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO—Municipal railroad construction. Cost not stated. Engineer, City Department of Engineering, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans for the Stockton street, Columbus avenue and Fort Mason Municipal line have been completed and figures are now being called. Bids will be opened by the Board of Public Works on June 3rd. Plans and specifications together with full particulars of the work can be secured from the City Engineer's office. An official proposal appears in another column of this issue.

SAN FRANCISCO—Railroad construction. Cost not stated. Engineer, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Plans have been completed for a railroad connecting the Fort Mason Tunnel with the Trans-port Docks. Bids are now being called for and will be opened on June 6th. Rails will be 114 pound with 127 pound guard rails, redwood ties and rock ballast. Plans can be secured from the office of the Constructing Quartermaster. An official proposal appears under another heading in this issue.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, T. M. Herrington, 43 Bellevue avenue, S. F. The dwelling has been designed for a six-room house, and will be erected on Rolph street near Munich. Interior finish will be of pine throughout with some hardwood floors. A large open fire place with tile mantel is specified for the living room. An automatic water heater will be installed. Tile wainscot will be used in the bath room and kitchen. Bath room will have composition floor. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architects, Falch & Knoll, Heart Bldg., S. F. Owner, H. Stern. The dwelling has been designed for a seven-room house with bath and sleeping porch, and will be erected on property in Ingleside Terrace. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot will be used in the bath room and kitchen. A composition floor will be used in the bath room. An automatic water heater will be installed. Exterior of the dwelling will be covered with lap siding and shingles. Plans are now being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, Joseph Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co. This dwelling will be erected on the company's property on Urbano Boulevard east of Victoria avenue, and has been designed to contain eight rooms, bath and sleeping porch. Interior finish

will be of pine and hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room will have the wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased through the architect.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$3,000 each. Architect, none. Owner, J. C. Kirby, 2152-A Market street, S. F. These two houses have each been designed to contain seven rooms and will be erected on 20th avenue near Geary street. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Automatic water heaters will be installed. Tile wainscot will be used in the bath rooms and kitchens. Exterior will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence alterations, 2 story and attic, frame, \$7,500. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, Mr. Schwarzenhek. The dwelling located on the west side of 7th avenue near Balboa street will undergo extensive repairs. New interior finish of pine and hardwood will be installed. Other branches included in the work will be plumbing, electric work, plastering and hardwood floors. Exterior of the dwelling will be covered with cement plaster on metal lath. Furnace heat will be installed. Plans are complete and figures will be taken shortly.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,500. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner's name withheld. The dwelling will be erected in the Piedmont by the Lake Tract, and has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine and hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures will be taken at once.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,500. Architect, none. Owner, P. A. Graham, 2226 Blake street, Berkeley. The dwelling will be erected on Keith avenue, and has been designed for a seven-room house with bath. Interior finish will be largely of pine with some redwood and oak veneer. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with shingles. Plans are complete and in the hands of the

owner who will do the work by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, Alvin J. Stern, 1542 Broadway, Oakland. Owner, Roger Coit. The dwelling will be erected on Lennox avenue and has been designed to contain six rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room. Mantel will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Mr. Coit is a well known builder and will do the work by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, Mr. Jenks. The dwelling has been designed to contain seven rooms, bath and sleeping porch, and will be erected in the Boyd Tract. Interior finish will be of pine throughout. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, H. T. Preble. The dwelling will be erected on the Kellogg Property, and has been designed to contain seven rooms, bath and sleeping porch. Pine and redwood will be used in interior finish. Hardwood floors are specified for the living and dining rooms. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot and composition floors will be used in the bath room. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

ALAMEDA, ALAMEDA CO., CAL.—Bungalows, 2, story and base, frame, \$2,500 each. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, Mr. Seamen. These two houses will each contain five rooms and bath and will be erected in Waterside Terrace. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in each living room. Mantels will be of tile. Automatic water heaters will be installed. Tile wainscot will be used in the bath rooms and kitchens. Exterior will be covered with cement plaster on metal lath. Plans are being prepared and when complete work will be done by Day Labor. Owner will purchase all materials.

HILLSBOROUGH, SAN MATEO CO., CAL.—Residence, 2 story, attic and base. Class A construction. Cost not stated. Architect, Louis P. Hohart, Crocker Bldg., S. F. Owner, William H. Crocker. The dwelling complete will cost in the neighborhood of \$250,000. There will be a complete steel

frame, brick exterior walls and fire-proof interior partitions. Interior finish will be entirely of hardwood. There will be hardwood and inlaid floors. Plans provide for steam heat, a vacuum cleaning system and hot water supply. All bath rooms will have tile wainscot and floors. Exterior will be faced with pressed brick and terra cotta. Plans are complete and a contract for the structural steel has been awarded to the Western Iron Works. Segregated figures are being taken on the other parts of the work.

SAN FRANCISCO—Residence, 2 story and base, Class A construction, \$150,000 or more. Architect, Charles Peter Weeks, Mutual Bank Bldg., S. F. Owner, Mary L. Phelan. The dwelling, which will be one of the handsomest homes in San Francisco, will be erected on the north side of Washington street west of Octavia. Construction will be of the Class A type throughout with a complete steel frame and brick and terra cotta exterior walls. Interior partitions will be of hollow tile. Hardwood finish and hardwood and inlaid floors will be used. There will be steam heat, oil burning system, a vacuum cleaning plant and all modern conveniences. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, Robert McGahie. The dwelling has been designed for a six-room house with a private garage, and will be erected on the east side of 16th avenue north of Lake street. Interior will be finished in pine and redwood with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile floor and wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$9,000. Architect, James H. L. Homedieu, Syndicate Bldg., Oakland. Owner, W. H. McKinnon. The dwelling will be erected in Nova Piedmont, a new residence tract recently opened, and will contain eight rooms, two baths and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have tile floors and wainscot and will be equipped with showers. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,500. Architect, James H. L. Homedieu, Syndicate Bldg., Oakland. Owner, J. C. Stevens. The dwelling will be erected in Piedmont Manor, and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and redwood with hardwood floors in the living room, dining room and reception hall. Plans provide for furnace heat and

open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, J. A. Munro. The dwelling will be erected on Grand avenue near Rand, and has been designed for an eight-room house with two baths. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Bath room and kitchen will have tile wainscot. Plans are complete and figures are now being taken.

HOLISTER, SAN BENITO CO., CAL.—Residence, 2 story and base, frame, \$11,500. Architect, Edward F. Helms, 5th avenue and California, S. F. Owner, Dr. Curtis. The dwelling has been designed for a country home and will contain eleven rooms, three baths and sleeping porches. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath rooms will have tile floors and wainscot and will be equipped with showers. Exterior of the dwelling will be covered with cement plaster. A red clay tile roof will be used. Plans are complete and the work is now being done by Day Labor.

SAN JOSE, SANTA CLARA CO., CAL.—Residences, 1 and 2 story, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: H. V. Kinsell, Southwest 11th and San Salvador, six-room cottage, \$2,635; C. A. Thomas, 616 North San Pedro, five-room frame cottage, \$2,000; W. M. Lewis, 286 South Ninth street, six-room frame cottage, \$3,000; Edward Welks, 453 North St. James street, five-room frame cottage, \$2,000, and Lee Gardner, 191 Hawthorne Way, Oakland, five-room frame cottage, \$1,600.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, W. T. Bowen. Fresno. Owner, W. W. Hanger. The dwelling will be erected on Wishon avenue, and has been designed for a ten-room house with three baths and sleeping porch. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

STOCKTON, SAN JOAQUIN CO., CAL.—Residences, 1 and 2 story, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Stockton: Henry Rodding, 1 story frame, \$1,200; Liner Silber, 1 story frame, \$2,000; Jo-

seph Reine, 1422 North Van Buren, 1 story frame, \$2,000; Mr. and Mrs. Gus Viola, 738 Oak, repairs and addition, \$3,000; W. A. Fann, 2 story frame, \$8,500; C. C. Henderson, 705 East Anderson, 1 story frame, \$2,000; D. S. Matthews, 1113 East Oak, 1 story frame, \$2,000, and A. T. Peterson, 1010 North Ophir, 1 story frame, \$2,000. Materials are now being purchased.

SACRAMENTO, CAL.—Residence, 2 story and base, hollow tile, \$20,000. Architect, E. C. Hemmings, Sacramento. Owner, Dr. W. A. Briggs. The dwelling has been designed for a twelve-room house and will be erected on 21st street between T and U streets. There will be three baths and sleeping porches. Interior finish will be of pine and hardwood with hardwood and inlaid floors. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath rooms will have tile floors and wainscot and will be equipped with showers. Exterior of the dwelling will be faced with cement plaster. Plans are complete and figures are being taken.

SEATTLE, WASH.—Residence, 2 story and base, brick and terra cotta, \$15,000. Architect, A. Warren Gould, American Bank Bldg., Seattle. Owner, Albert J. Rhodes. The dwelling will be erected on 10th avenue near Howe, and has been designed to contain ten rooms and three baths. Interior finish will be of pine and hardwood. Plans provide for a hot water heating system, open fire places and the mantels. Bath rooms will be finished in tile and equipped with showers. There will be a vacuum heating system. Exterior of the house will be faced with pressed brick. Plans are nearly complete and bids will be called for about June 15th.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$2,500 each. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. These two houses will be erected on the east side of Arguello Boulevard near California street, and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Automatic water heaters will be installed. Bath rooms and kitchens will have tile wainscot. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,500. Architect, Edward F. Helms, 5th avenue and California street, S. F. Owner, E. Donovan. The dwelling has been designed for a seven-room house with bath and will be erected on 28th avenue between California and Clement streets. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

SCHOOLS.

SAN FRANCISCO—School, 2 story and base, reinforced concrete. Cost not stated. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owners, City and County of San Francisco. Bids were opened at the last Wednesday afternoon session of the Board of Public Works for the construction of the Cooper School. C. L. Wold was low on the general construction at \$78,880. The Central Electric Co. were low on the electric wiring, Herman Lawson on the plumbing and J. E. O'Mara on the heating and ventilating. A complete list of these bids will be found under the heading of San Francisco in this issue.

CHICO, BUTTE CO., CAL.—School, 2 story and base, brick, \$20,000. Architect, Chester Cole, Chico, Owners, Oakdale School District. Revised plans for this building are now complete and figures are being taken. Bids will be opened on June 3rd. Plans and specifications can be secured from the architect.

LOS ANGELES, CAL.—Medical college, 2 story and base, brick and frame, \$25,000. Architect, Harrison Albright, Laughlin Bldg., L. A. Owner, Dr. Carl Schultz. The building will be erected on 17th street near Magnolia avenue, covering an area of 50 by 150 feet, and will be used temporarily while a larger institution is being constructed. The first floor will be arranged for class rooms and clinic. Upper floors will contain treatment rooms equipped with all modern appliances. Interior finish will be of pine and tile. There will be steam heat and a hot water system. Exterior of the building will be faced with cement plaster. Plans are being prepared.

TUSTIN ORANGE CO., CAL.—School, 1 story and base, brick, \$40,000. Architects, Elwing & Tedford, Trust and Savings Bldg., L. A. Owners, Tustin School District. The building will cover a ground area of 198 by 136 feet, and will contain ten class rooms, manual training and domestic science departments, library and principal's office. Interior will be finished in pine with maple floors in the class rooms. There will be a central heating system and modern ventilation. Exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for about June 1st.

LEMOORE, KINGS CO., CAL.—School, 1 story and base, frame. Cost not stated. Architect, none. Owner, San Jose School District. Plans have been completed for a small frame building of four class rooms. Bids are now being taken and will be opened on May 30th. Plans can be secured from the Clerk of the San Jose School District, Lemoore.

ESCALON, SAN JOAQUIN CO., CAL. School, 1 story and base, brick, \$15,000. Architects, Young & Jeffery, Wolf Bldg., Stockton. Owners, Escalon School District. The building will contain four class rooms and teachers' rooms. Interior finish will be of pine throughout. A central heating system, probably warm air, will be installed. Modern school plumbing will be specified. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

MANTECA, SAN JOAQUIN CO., CAL.—School, 1 story and base, brick or reinforced concrete, \$20,000. Architects, Young & Jeffery, Wolf Bldg., Stockton. Owners, Manteca School District. Bids opened for this work show W. Bay-singer of Manteca low on all three propositions. No action has been taken by the Board of School Trustees. A complete list of the bids will be found under the heading of Sacramento, Stockton and Northern California in this issue.

Contracts Awarded.

SACRAMENTO, CAL.—School, 2 story and base, reinforced concrete. Cost not stated. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, City of Sacramento. Contractor, H. S. Williams, Hearst Bldg., S. F. Contract price not stated.

SEWERS, STREET WORK AND WATER SYSTEMS.

SAN FRANCISCO—Playground work concrete swimming pool. Cost not stated. Architect, none. Owners, City and County of San Francisco. The Playground Commission, Temporary City Hall, will open bids on May 28th for construction of a concrete swimming pool in the playgrounds at 19th avenue and Angelica street. Plans and specifications together with full particulars can be secured from the Secretary of the Playground Commission, Temporary City Hall.

SAN FRANCISCO—Water supply system. Cost not stated. Engineer, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Plans have been completed and figures will be opened on June 11th for constructing an additional water supply system at Fort Winfield Scott. An official proposal for the work appears in another column of this issue.

SAN FRANCISCO—Garbage incinerator plant. Cost not stated. Engineer, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. The Connelly Incinerator Co. were the lowest bidders for furnishing an incinerator plant at the Presidio. Their bid for the work on the owners plans was \$3,750 and they will probably be awarded the contract.

EXETER, TULARE CO., CAL.—Sewer system, vitrified clay pipe, \$15,000. Engineer, City Engineer, Exeter. Owners, City of Exeter. Bonds have been voted for the construction of a new sewer system in Exeter. Construction will be undertaken within a few weeks. Plans and complete particulars can be secured from the City Clerk. Further mention will be made of the work.

KEENE, KERN CO., CAL.—Rock crusher. Cost not stated. Engineer, County Engineer, Bakersfield. Owners, Kern County. The following bids were received by the Kern County Board of Supervisors for the construction of a rock crushing plant to be installed at Keene. The plant will be used in connection with the construction of the State Highways in Kern and adjoining counties. San Francisco Bridge Co., S. F., \$47,863; John R. Cahill Co., S. F., \$47,000; Langford, Felts & Mayers, \$41,777.77; American Machine Works, \$22,000. All bids were referred to the State Highway Commission and no action will be taken

until the June meeting of the Commission. Each contractor furnished plans and specifications.

RECLAMATION DISTRICT NO. 1001, YUBA CO., CAL.—Mechanical equipment. Cost not stated. Engineer, Emory Oliver, Forum Bldg., Sacramento. Owners, Reclamation District No. 1001. Plans have been completed and figures will be opened on May 28th for furnishing mechanical equipment for the new pumping plant in District No. 1001. The work will include pumps, motors, switch boards, auxiliary pumps, gates, valves, etc. Complete information will be furnished by the engineer in charge.

Contracts Awarded.

ORLAND, GLENN CO., CAL.—Division dam, etc. Cost not stated. Engineer, United States Reclamation Service, Orland. Owners, United States Government. Contractor, M. Fisher, S. F. Contract price, \$16,388.30.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Stores, 1 story and base, brick and frame, \$6,000. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner's name withheld. The building will be erected in what is known as Car Villa and will contain three small stores. Interiors will be finished in pine throughout. Patent store fronts and plate glass windows will be used. Exterior of the building will be covered with cement plaster. Plans are complete and figures are being taken.

STOCKTON, SAN JOAQUIN CO., CAL.—Stores and offices, 5 story and base, brick and steel. Cost not stated. Architects, Stone & Wright, 24 South California street, Stockton. Owners, Charles Belding Co. The building will be erected at the corner of Weber and San Joaquin streets and will cover a considerable ground area. There will be a number of stores on the first floor and modern offices on the upper floors. Construction will be semi-fireproof. Interior partitions will be of metal lath and plaster. There will be steam heat, elevator service and a hot water supply. Patent store fronts and metal window sash and frames are specified. Exterior of the building will be faced with pressed brick and terra cotta. Plans are now being prepared.

FRESNO, FRESNO CO., CAL.—Stores and offices, 4 story and base, brick and steel. Cost not stated. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, Mr. Cory. The building will be erected at the corner of Fresno and J streets, and will have a frontage of 50 feet on J street and 150 feet on Fresno. There will be a number of stores on the first floor and upper floors will be arranged for offices. Interior finish will be of pine and redwood. There will be elevator service, steam heat, oil burning plant and vacuum cleaning. Patent store fronts and metal window sash and frames will be specified. Interior partitions will be of metal lath and plaster. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Stores and lofts, 6 story and base. Class A construction. Cost not stated. Architects, Austin & Pennell, Wright and Callender Bldg., L. A. Owner, Shirley

W. R. BRODE, Pres. LOUIS R. HOLM, Sec. R. J. BRODE, Vice-Pres.

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C. Ward. The building will be erected at the northwest corner of 7th and Grand streets, covering an area of 100 by 108 feet. Construction will be fireproof throughout with a complete steel frame, reinforced concrete floors, walls and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. Plans provide for steam heat, elevator service and vacuum cleaning. Metal window sash and frames will be used. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

PASADENA, LOS ANGELES CO., CAL.—Stores and offices, 7 story and base, reinforced concrete. Cost not stated. Architects, Parkinson & Bergstrom, Security Bank Bldg., L. A. Owners, Citizens' Bank of Pasadena. This work has been mentioned here when the architects were first instructed to prepare plans. The building will be erected on a corner site and will be fireproof throughout with reinforced concrete walls, floors and roof slabs. Interior partitions will be of metal lath and plaster. The bank will occupy the entire first floor and upper floors will be used for offices. Interior finish will be of pine and hardwood with ornamental plaster in the banking rooms. There will be steam heat, elevator service and vacuum cleaning. Special bank fixtures, vaults and safe deposit vaults will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

PALO ALTO, SANTA CLARA CO., CAL.—Store and offices, 2 story and base, brick. Cost not stated. Architect, Henry Shermund, Mills Bldg., S. F. Owners, The Frazer Co. Contractor, C. A. Brady, 180 Jessie street, S. F. Contract price not stated.

THEATRES.

OAKLAND, CAL.—Theatre, 2 story and base. Class A construction, \$80,000. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, The Bishop Co. The building will be erected at the northwest corner of 11th and Harrison streets, and will cover a considerable ground area. Construction will be fireproof throughout with a complete steel frame, reinforced concrete walls and floors. Plans provide for steam heat and a modern system of ventilation. Interior will be finished in pine and hardwood with ornamental plaster. Exterior will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

SEALED PROPOSALS.

PROPOSALS FOR MACHINERY.

MACHINERY AND VALVES—U. S. Engineer Office, Burke Building, Seattle, Wash.—Sealed proposals for machinery and valves for Lake Wash-

ington Canal locks will be received at this office until 12 m. June 15, 1914, and the publicly opened. Information on application at district engineer's office, Seattle, Wash.; Chicago, Ill., and Pittsburgh, Pa. J. E. CAVANAUGH, major, engineers.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 853—Proposals for Steel Derrick, Complete, With Operating Hoists, Electroliers, Wrought Iron and Steel Pipe, Vitrified Sewer Pipe, Copper Hose, Corn Brooms, Paints, Blanks, Books, Paper, Red Lead, Paints, Sulphate of Copper and Pitch.—Sealed proposals will be received at the office of the general purchasing officer, Panama Canal, Washington, D. C. until 10:30 a. m. June 3, 1914, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 853) may be obtained from this office or the office of the assistant purchasing agent, 1088 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; P. C. McGowan, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS WANTED FOR FURNISHING AND EQUIPPING NEW SAN FRANCISCO HOSPITAL.

SEALED PROPOSALS FOR FURNISHING the required Furniture, White Enamel Furniture, China, Glassware and Enamelware, Bedding, Linen and Clothing, X-Ray Apparatus, Surgical Instruments. For the new San Francisco Hospital will be opened in open session of the Board of Supervisors on June 29th, 1914, at 3 p. m. Proposal blanks furnished on application. J. S. DUNNIGAN, Clerk.

PROPOSALS FOR BUILDING.

BRICK FOR INDUSTRIAL BUILDING—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals plainly marked on the outside of the sealed envelope "Proposals for Brick Industrial Building, Phoenix Indian School, Ariz.," and addressed to the commissioner of Indian Affairs, Washington, D. C., will be received at the Indian office until 2 o'clock p. m. of June 8, 1914, for furnishing materials and labor for the construction of a girl brick industrial building at the Phoenix Indian School, Ariz. In strict accordance with the plans and specifications and instructions to bidders, which may be examined at the office of the paper periodical in which this advertisement appears, the U. S. Indian warehouse at San Francisco, Cal., and at the Phoenix Indian School. For further information apply to the superintendent of the Phoenix Indian School, Phoenix, Ariz. CATO SELLS, commissioner.

PROPOSALS FOR SHADES AND SCREENS.

SCREENS, SHADES AND FREIGHT LIFT—Office of the Quartermaster, Letterman General Hospital, San Francisco, Cal.—Sealed proposals will be received at this office until 11 a. m. May 29, 1914, and then opened, for furnishing and installing wire screens and freight lift in disinfecting and sterilizing building and wire screens and window shades in hydrotherapy ward. Information furnished on application. C. F. MORSE, captain, medical corps.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 3rd day of June, 1914, for doing the following work, to wit: The construction of the Stockton Street, Columbus Avenue and Fort Mason Lines, Contract No. 2, Installation of Track and Conduit. (Municipal Railway Extensions.)

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days and completed within one hundred and fifty (150) calendar days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance of contract has been fixed at \$10,000.

All proposals offered must be accompanied by a certificate by a responsible bank, payable to the order of the clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposals will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. RICHARD J. CLINE, Secretary.

PROPOSALS FOR LIFT AND PUMP PLANT.

FREIGHT LIFT AND PUMP PLANT—Treasury Department, Supervising Architect's Office, Washington, D. C.—Sealed proposals will be received at this office until 3 p. m. June 15, 1914, and then opened for miscellaneous changes, hydraulic lift, pumping plant, etc., in the U. S. custom house, etc., at Astoria, Ore., in accordance with specification and drawings, copies of which may be obtained at this office, at the discretion of the supervising architect, O. WENDEROTH, supervising architect.

PROPOSALS FOR WATER SUPPLY.

WATER SUPPLY—Port Stevens, Ore.—Sealed proposals, in triplicate, will be received until 2 p. m. June 1, 1914, and then opened for construction in addition to the supply here. Information furnished on application. Envelopes containing proposals should be indorsed "Proposals for Addition to Water Supply" and addressed to QUARTERMASTER.

NOTICE TO CONTRACTORS.

NOTICE is hereby given that sealed bids will be received by the Board of Supervisors of the County of Colusa, State of California, at the office of the Clerk of the Board of Supervisors for the new Hall of Records as per plans and specifications on file in the office of the Clerk of the Board of Supervisors in the town of Colusa, Cal., or at the office of Henry C. Smith, the authorized architect, 785 Market street, San Francisco, Cal.

Said bids will be received up to and including the 2nd day of June, 1914, at 2:30 o'clock p. m., and shall be marked "Bids for the new Hall of Records." Each bid must be accompanied by a certified check in the sum of ten per cent (10 per cent) of the amount of the bid, and made payable to C. V. King, County Clerk of Colusa County. The Board reserves the right to reject any or all bids.

By order of the Board of Supervisors of Colusa County, California. Dated May 13, 1914. (Seal) W. J. KING, Clerk of said Board.

NOTICE TO CONTRACTORS.

OFFICE OF THE CLERK OF THE Board of Supervisors of Marin County

Sealed bids will be received by the Clerk of the Board of Supervisors of Marin County, at his office until 2 o'clock p. m. on Tuesday, the 2nd day of June, 1914, for macadamizing a portion of the County Road, known as the San Rafael and Olema Road, from the railroad crossing at Manor Station to the railroad crossing at Alderneys Station, a distance of 2,108 feet, in said County, Sections 9 and 6, Marin County, California, in strict accordance with the specifications on file in the office of the Clerk of said Board to which bidders are hereby referred.

Each bid will state a price for the completion of all of the work in each one of the sections numbered 1, 2, and 3.

All bids must be accompanied by a certified check for ten per cent of the amount bid, drawn on any responsible bank and made payable to the order of the Chairman of the Board of Supervisors of Marin County.

The said Board of Supervisors reserves the right to accept or reject the bids for macadamizing any one or more of said sections numbered one, two or three as specified.

ROB. E. GRAHAM
Clerk of the Board of Supervisors of Marin County.

NOTICE TO CONTRACTORS.

SEALED bids will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, and including 12 o'clock, noon, Monday, June 8, 1914, said bids then and there to be publicly opened and read for furnishing all material except glass, for the Green House Superstructure of a building to be known as the New Conservatory, State Capitol Park, Sacramento, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Each bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Five (\$5) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope "Greenhouse Superstructure State Capitol Park, Sacramento, California."

(Signed) W. F. McCLURE,
State Engineer.

NOTICE TO CONTRACTORS.

SEALED bids will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Monday, June 8, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the New Conservatory, State Capitol Park, Sacramento, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten per centum of the amount of the bid must accompany each bid.

A deposit of Five (\$5.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

nia, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope "Proposal for New Conservatory, State Capitol Park, Sacramento, California."

(Signed) W. F. McCLURE,
State Engineer.

NOTICE TO CONTRACTORS.

PURSUANT to an order of the Board of Supervisors of Fresno County, California, July made and entered in its minutes of the 13th day of May, 1914, notice is hereby given that the said Board will receive up to 2 o'clock p. m. of the 3rd day of June, 1914, sealed proposals for the construction of a sun room and bath room, together with necessary remodeling and other work necessary thereto, at the County Ordinance of said county, all according to plans and specifications on file in the office of the Clerk of the Board of Supervisors in the Court House.

Bids must be addressed to the Clerk of the Board of Supervisors and must be accompanied by a certified check in the sum of ten (10) per cent of the amount of the bid, made payable to the Chairman of the Board, as a guarantee that the successful bidder will, within ten days after the acceptance of his bid, enter into a contract with the County of Fresno, and must be accompanied by plans and specifications, and give sufficient bonds as required by law and orders of the Board of Supervisors, and be conditioned upon the faithful performance of the terms of said contract. The Board reserves the right to reject any or all bids.

Dated this 13th day of May, 1914.
(Seal) D. M. BARNWELL, Clerk

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., May 4, 1914.—SEALED PROPOSALS will be received at this office until 2 o'clock p. m., June 10, 1914, and then opened, for furnishing and installing lighting fixtures in the United States sub-treasury at San Francisco, California, and drawings enumerated and in copies of which may be obtained at this office at the discretion of the Supervising Architect, O. WENDEROTH, Supervising Architect.

STATE OF CALIFORNIA.

DEPARTMENT OF ENGINEERING. CALIFORNIA HIGHWAY COMMISSION.

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 315 Forum Bldg., Sacramento, Cal., until the time hereinafter noted, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, which special reference is made, portions of State Highway 11:

From 11 o'clock A. M. June 8th, 1914, to 2 o'clock P. M. at Moine to Hazel Creek P. O. (H-Sba-3-D), about 9.9 miles in length, to be graded.
To Tehama County from the southerly boundary to Corning (H-Gle-7-A), about 8.8 miles in length, to be built of Portland cement concrete.
To Butte County from Lindo Channel to the northerly boundary (H-But-1-A), about 11.2 miles in length, to be built of Portland cement concrete.

To Glenn County from Grant to the northerly boundary (H-Gle-7-A), about 7 miles in length, to be built of Portland cement concrete.
Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained, at the said office, and they may be seen at the office of the Division Engineer, at the divisions in which the work is situated. The Division Engineers' offices are at: Fresno, San Joaquin, Stanislaus, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HAROLD B. ELLIS,
NEWELL D. DARTINGTON,
CHARLES F. STERN,
California Highway Commissioner.
AUSTIN B. FLETCHER,
Highway Engineer.
WILSON R. ELLIS,
Secretary.

Dated: May 5, 1914.

NOTICE TO BIDDERS.

NOTICE is hereby given that the Clerk of the Board of Supervisors will receive at his office at Ukiah, California up to 2:30 p. m. of Tuesday, June 2nd, 1914, sealed bids for the construction of Section 1 of the proposed Navarro Grade, as surveyed by R. E. Donohoe.

Plans, plans and specifications for this work are on file in the office of the above named clerk, to which all bidders are hereby referred.

Bids must be sealed and accompanied by a certified check or deposit in cash for 10 per cent of the amount of the bid.

The work is to be completed on or before September 1st, 1914. The successful bidder will be required to give a bond in half the total of the work, and another bond in the same amount for the completion of material men and workmen employed in the contract. The Board reserves the right to reject any and all bids.

J. FAIRBANKS,
Chairman of Board of Supervisors.

NOTICE TO CONTRACTORS.

CALL FOR BIDS FOR ILLINOIS BUILDING AT THE PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS for the construction of the Illinois State Building at the Panama-Pacific International Exposition, San Francisco, Cal., will be received by the Illinois Commission to the Panama-Pacific International Exposition up to two (2) o'clock P. M. Central Standard Time, June 5th (Friday), 1914, at the office of James G. Oglesby, State Architect for Illinois, Room 618, 29 South La Salle Street, Chicago, Ill., and there and at all times thereafter.

Plans and specifications may be obtained by applying at the office of Guy Cramer, Room 302, Lachman Bldg., 417 Market Street, San Francisco. A deposit of fifteen (\$15) dollars will be required for the return of plans and specifications.

All bids must be accompanied by certified check, payable to Samuel Coulter, Jr., Treasurer, to the amount of 3% (three per cent) of the amount of the estimate.

The Commission reserves the right to reject any or all proposals.

Secretary, Illinois Commission to the Panama-Pacific International Exposition.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., May 2, 1914.—SEALED PROPOSALS will be opened in this office at 3 P. M., June 18, 1914, for the construction complete including mechanical equipment, interior lighting fixtures and approaches) of the United States Post Office at Santa Ana, California. The building is one-story, with a mezzanine basement, with a ground area of approximately 4,515 square feet; stone, stucco, and terra cotta facing; composition and tile roof; fireproof construction. Drawings and specifications may be obtained from the custodian of site at Newland, Cal., or at this office, in the discretion of the Supervising Architect, O. WENDEROTH, Supervising Architect.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Thursday, June 4th, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of buildings to be known as the Dairy Buildings, Stockton State Hospital, Stockton, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Dairy Buildings, Stockton State Hospital, Stockton, California."

(Signed) W. F. McClure,
State Engineer. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Wednesday, June 3, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of buildings to be known as the Dairy Buildings, at the Napa State Hospital, Napa, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Dairy Buildings, at the Napa State Hospital, Napa, California."

(Signed) W. F. McClure,
State Engineer. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Monday, June 1, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of one men's Bidder, Fumoling and Tank for some for the Mendocino State Hospital, Ukiah, California, in accordance with the specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Two (\$2.00) Dollars will be required on the specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Gas Holder, etc., Mendocino State Hospital, Ukiah, California."

(Signed) W. F. McClure,
State Engineer. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Tuesday, June 2, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the Dormitory Building, Industrial Home for Adult Blind, Oakland, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California, in good condition.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Dormitory Building, Industrial Home for Adult Blind, Oakland, California."

(Signed) W. F. McClure,
State Engineer. (*)

PROPOSALS FOR CONSTRUCTING DREDGE.

DREDGE—Sealed proposals for constructing the steel sea-going hydraulic hopper dredge San Pablo will be received at this office until 11 o'clock a. m., on June 18, 1914, and then publicly opened. Information or application to THOMAS H. REES, lieutenant colonel, engineers, custom house, San Francisco.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT Supervising Architect's Office, Washington, D. C., April 28, 1914.—SEALED PROPOSALS will be opened in this office at 3 P. M., on June 9, 1914, for the construction, including mechanical equipment, lighting fixtures and approaches) of a two-story and basement (with a one-story store extension) stone, and brick-faced building of 8,000 square feet ground area; nonfireproof construction (except first floor); composition tile roof, for the United States post office at Chico, Cal. Plans and specifications may be obtained from the custodian at Chico, Cal., or at this office. Information or application to the Architect, O. WENDEROTH, Supervising Architect. (*)

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., April 24, 1914.—SEALED PROPOSALS will be opened in this office at 3 P. M., June 1, 1914, for the construction

complete (including mechanical equipment, interior lighting fixtures, and approaches) of the United States post office at Brigham City, Utah. Two-story building, 10,000 square feet, 37,000 square feet first floor fireproof; stone and brick facing; composition roof. Drawings and specifications may be obtained from the custodian of site at Brigham City, Utah, or at this office, in the discretion of the Supervising Architect, O. WENDEROTH, Supervising Architect. (*)

NOTICE TO CONTRACTORS.

OFFICE QUARTERMASTER, Fort Mason, Cal., May 6, 1914.—SEALED PROPOSALS, in triplicate, for constructing railroad truck system for Army Supply Depot, Fort Mason, Cal., will be received here until 11 A. M., June 6, 1914, and then opened. Plans, etc., can be obtained here. Deposit of \$25.00 required to insure return of the proposals. Proposals be enclosed in sealed envelopes and addressed to GEO. MCK. WILLIAMSON, Lt. Col., Q. M. C. (*)

NOTICE TO CONTRACTORS.

SEALED PROPOSALS for the construction of the Washington State Building at the Panama-Pacific Universal Exposition, at San Francisco, will be received at the office of the Washington State Exposition Commission, 700 Central Building, Seattle, Wash., until 12 o'clock, noon, June 10th, 1914.

Plans and specifications prepared by A. F. Heide, Architect, are on file at the office of the Commission and at the office of A. F. Heide, 46 Kearny St., San Francisco. Cash deposit required on plans.

The successful bidders will be required to furnish an approved bond in the full amount of the contract. Proposals must be accompanied by certified check in the sum of 5 per cent of the amount bid.

The Commission reserves the right to reject and all proposals.

WASHINGTON STATE EXPOSITION COMMISSION.
John Schram, President.
Lewis W. Clark, Secretary.
Date of first publication, 22nd Day of May. (*)

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal., May 22, 1914.—SEALED PROPOSALS, in triplicate, for constructing an additional water supply system at Fort Mason, Cal., will be received here until 11 A. M., June 11, 1914, and then opened. Plans, specifications, etc., obtained here. Deposit of \$10.00 required to insure return of plans, etc. Proposals to be enclosed in sealed envelopes and addressed to LIEUT. COL. GEO. MCK. WILLIAMSON, Q. M. C. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chicago Streets, San Francisco, California, at 9 A. M., on June 28, 1914, for Constructing Fifty-six (56) kiosks, in accordance with plans and specifications on file in the office of the Director of Parks.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be retained by the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty per cent of the contract price will be required for faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds

Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$25.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of twenty-five dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213 in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 9:00 A. M., Thursday, June 4th, 1914, for Red Rock Screenings For certain Macadam Roadways, in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of ten dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213 in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 9:00 A. M., Thursday, June 25, 1914, for Constructing The Scintillator Pier in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department under distinct headings, such as Banks, churches, Hotels, etc.

SAN FRANCISCO.

ATTENTION OF EXPOSITION BIDDERS—Official notice, San Francisco. Your attention is invited to the fact that on various items of work in connection with the construction of the Exposition, which are not of sufficient importance to advertise separately, a bulletin board has been established in the Service Building on the Exposition Grounds on which will be posted from time to time the work on which bids are desired, and this bulletin board will also state the time and place where such bids will be opened.

WILLIAM H. CROCKER,
Chairman of the Buildings and Grounds Committee.

STATE EXHIBIT BUILDING — 1 and 2 story, frame and plaster. Cost not stated. San Francisco. Architect, James B. Dibelka, Room 648 29 South La Salle street Chicago, Ill. Owners, State of Illinois. Plans have been completed for the building which is to house the State of Illinois exhibits at the Panama-Pacific Exposition and have been forwarded to Guy Cramer, Room 302 Laehman Bldg., this city, for figures. Bids will be opened by the Illinois State Commission on June 5th. An official proposal for the work appears in another column of this issue. Plans and specifications can be secured from Mr. Cramer.

BRICK SCREENINGS — Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg. S. F. Owners, Panama-Pacific International Exposition Co. Plans have been completed and figures are now being called for furnishing the Exposition Company with brick screenings for constructing certain macadam roads in the Exposition grounds. Plans and specifications can be secured from the office of the Director of Works, Service Bldg. Bids will be opened on June 4th. An official proposal appears in another column of this issue.

SCINTILLATOR PIER — Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg. S. F. Owners, Panama-Pacific International Exposition Co. Plans for the construction of a pier for the new type scintillator to be installed at the Exposition grounds have been completed and figures are now being called. Plans, specifications and complete particulars of this work can be secured from the office of the Director of Works. Bids will be opened on May 28th. An official proposal appears in another column of this issue.

KIOSKS—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg. S. F. Owners, Panama-Pacific International Exposition Co.

\$10.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Ten Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

Bids will be opened by the Buildings and Grounds Committee of the Exposition Co. on May 28 for constructing a number of Kiosks on the Exposition grounds. Plans and specifications can be secured from the Director of Works, Service Bldg. An official proposal for this work appears under another heading in this issue.

STATE EXHIBIT BUILDING — 2 story, frame and plaster. Cost not stated. San Francisco. Architect's name not given. Owners, State of Wisconsin. Bids opened in Milwaukee for this work show Pringle-Dunn & Co. low at \$19,700. A representative of Wisconsin will arrive in this city shortly to consult with the three lowest bidders. Slight changes may be made in the plans and figures taken from the three lowest bidders. An announcement of the award of contract will be made in these columns.

STATE EXHIBIT BUILDING — 2 story, frame and plaster, \$80,000. San Francisco. Architect, A. F. Heide, 46 Kearny street, S. F. Owners, State of Washington. Plans and specifications have been completed for the construction of the Washington State Building at the 1915 Exposition. Bids are now being taken and figures will be opened on June 10th. Plans and specifications can be secured from the architect. An official proposal appears under another heading in this issue.

APARTMENT HOUSE—6 story and base. Class C construction, \$65,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg. S. F. Owners, Rousseau Realty Co. The building will be erected on the north side of Bush street west of Stockton, having a frontage of 40 feet and a depth of 76½ feet. There will be a total of 36 apartments of two and three rooms. Interior finish will be of pine with elm panels, hardwood floors and beam ceilings. Plans provide for steam heat, elevator service and a vacuum cleaning system. All suites will have wall beds and private bath rooms. Bath rooms will have tile floors and wainscot. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are complete and excavating has been started. Carpentry work will be done by Day Labor. All other parts of the work will be let by contract. Bids will be taken at once.

APARTMENT HOUSE—7 story and base, brick and steel. Cost not stated. San Francisco. Architect, Benj. G. McDougall, Sheldon Bldg. S. F. Owners, Henry A. Voorman, as guardian. The building will be erected at the northwest corner of Bush and Mason streets and will cover a considerable ground area. There will be a large

number of two and three room suites all with private bath room and wall beds. Interior will be finished in pine with some hardwood panels and veneer. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are complete and a general contract will be let shortly. Arthur Arlett has secured the contract at \$7,350 for plain and reinforced concrete foundation work.

APARTMENT HOUSE—6 story and base, reinforced brick, \$68,000. San Francisco. Architect, G. Albert Lahs-burg, 709 Mission street, S. F. Owners, Gaffney Estate. The building will be erected on the north side of Sutter street between Taylor and Jones streets, having a frontage of 60 feet and a depth of 137½ feet. Apartments will be arranged in suites of two and three rooms with wall beds and private bath rooms. Interior finish will be of pine and elm panels with some oak floors. There will be steam heat, elevator service and a hot water supply. Bath rooms will be finished in tile and will have composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, T. M. Herrington, 149 Bellevue avenue, S. F. The dwelling has been designed for a six-room house and will be erected on Rolph street near Munich. Interior finish will be of pine throughout with some hardwood floors. A large open fire place with tile mantel is specified for the living room. An automatic water heater will be installed. Tile wainscot will be used in the bath room and kitchen. Bath room will have composition floor. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, H. Stern. The dwelling has been designed for a seven-room house with bath and sleeping porch, and will be erected on property in Ingleside Terrace. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot will be used in the bath room and kitchen. A composition floor will be used in the bath room. An automatic water heater will be installed. Exterior of the dwelling will be covered with lap siding and shingles. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco. Architect, Joseph Leonard, 55 Cerritos avenue, S. F. Owners, Urban Realty Co. This dwelling will be erected on the company's property in Urbano Boulevard east of Victoria avenue, and has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be of pine and hardwood veneer. Oak floors will be used in the

living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased through the architect.

RESIDENCES—2, 2 story and base, frame, \$3,000 each. San Francisco. Architect, none. Owner, J. C. Kirby, 2153-A Market street, S. F. These two houses have each been designed to contain seven rooms and will be erected on 20th avenue near Geary street. Interiors will be finished with pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Automatic water heaters will be installed. Tile wainscot will be used in the bath rooms and kitchens. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE ALTERATIONS—2 story and attic, frame, \$7,500. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, Mr. Schwarzenbek. The dwelling, located on the west side of 7th avenue near Balboa street, will undergo extensive repairs. New interior finish of pine and hardwood will be installed. Other branches included in the work will be plumbing, painting, electric work, plastering and hardwood floors. Exterior of the dwelling will be covered with cement plaster on metal lath. Furnace heat will be installed. Plans are complete and figures will be taken shortly.

FLATS—3 story and base, frame, \$5,000. San Francisco. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, Mr. Shibley. The building will be erected on Rich street near Fourth, and has been designed to contain three modern flats of five and six rooms. Interiors will be finished in pine and redwood. There will be open fire places in the living rooms with tile mantels. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and shiplap. Plans are now complete and figures are being taken. A general contract will be awarded.

FLATS AND STORE—2 story and base, frame, \$7,000. San Francisco. Architect, William Mosser, Nevada Bank Bldg., S. F. Owner, T. H. Fredrickson. The building will be erected on the west side of Fillmore street north of Union, and will have one store on the ground floor and a seven-room flat above. Interior will be finished in pine and redwood. Some oak floors will be used. There will be open fire places and tile mantels. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

STATE EXHIBIT BUILDING—2 story, frame and plaster. Cost not

stated. Architect represented by Guy Cramer, 302 Lachman Bldg., S. F. Owners, State of Illinois. The following firms have applied to Guy Cramer for plans and specifications for the State of Illinois Building: Lange & Bergstrom, Strehlow-Freeze & Peterson, Murphy-Brooks Co., Neil A. McLean, Commary-Peterson, Charles Wright, Grant Fee, Pringle-Dunn & Co., Van Sant-Houghton Co., Pope & Talbot Co.

APARTMENT HOUSE—5 story and base, reinforced concrete, \$60,000. San Francisco. Architect, Edward P. Helms, 5th avenue and California street, S. F. Owner's name withheld. The building will be erected on Pine street near Taylor, and has been designed to contain 40 suites of two and three rooms. All apartments will have wall beds and private bath rooms. Interior finish will be of pine with some elm panels and oak floors. Plans provide for steam heat, elevator service, a hot water system and portable vacuum cleaning. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in tile and marble. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

FLATS—3 story and base, frame, \$9,000. San Francisco. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner's name withheld. The building will be erected on Union near Taylor, and has been designed to contain three modern flats with a private garage. Interior finish will be of pine and hardwood veneer. Oak floors will be used in the principal rooms. Plans provide for open fire places and tile mantels. Automatic water heaters will be installed. Bath rooms will have tile wainscot and composition floors. Entrances will be finished in tile and marble. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

FLATS—3 story and base, frame, \$5,000. San Francisco. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, Mr. De Martini. The building will be erected at the southeast corner of Auburn and Pacific streets, and has been designed to contain three small flats. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. Each living room will have an open fire place with tile mantel. Bath rooms will be finished in tile wainscot and will have composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

GARAGE—1 story and base, reinforced concrete. Cost not stated. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owners, Bannan Bros., 6th and Polson streets, S. F. The building will cover an area of 85 by 167½ feet and will be of fireproof construction. There will be the usual storage space, machine shop and office. Interior finish will be of pine. A cement floor will be used. There will be a gasoline storage tank of 300 gallons capacity. Exterior of the building will be faced with cement plaster. Plans are complete and in the hands of the owners who are now taking figures on the work.

GARAGE—1 story and base, reinforced concrete. Cost not stated. San

Francisco. Architect, O. R. Thayer, Merchants' National Bank Bldg., S. F. Owner, Ross Forsythe. The building will be erected in the 300 block on Presidio avenue, and has been designed to contain seven private garages, each 9 by 24 feet and arranged around a court which will contain the wash room, machine shop and gasoline storage tanks. Interior finish will be of pine. There will be metal window sash and frames. A cement floor will be used. Exterior of the building will be faced with cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor.

HOSPITAL, 2 story and base, reinforced concrete, \$55,000. San Francisco. Architect, John Baur, Sharon Bldg., S. O. Owners, Infirmary for Incurables Association. The building will be erected at the corner of Wood and Geary streets and will contain twelve private rooms and two small wards. Construction will be fireproof with exterior walls, floors and roof of concrete. Interior partitions will be of metal lath and plaster. Plans provide for steam heat, elevator service and a hot water supply. Modern hospital plumbing will be installed. Considerable tile will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

HOSPITAL FURNITURE, ETC.—Cost not stated. San Francisco. Architects, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans are complete and figures are now being called for furnishing and installing furniture, white enamel furniture, china, glassware, enamelware, cutlery, kitchen utensils, bedding, linen, clothing, X-ray apparatus and surgical instruments for the new City and County Hospital. Bids will be opened on June 29th by the Board of Supervisors.

HOTEL—14 story and base, Class A construction, \$150,000. San Francisco. Architect, G. A. Applegarth, Call Bldg., S. F. Owners, Cliff Estate. The building will be erected at the southeast corner of Geary and Taylor streets, and when complete will be one of the largest hotels on the Pacific Coast. Structural steel work has been completed and figures are now being taken for the balance of the work. The structure will be fireproof throughout and will cover an area of 127½ feet square. Interior will be handsomely finished in pine, hardwoods and metal trim. All guest rooms will have private baths. Plans provide for steam heat, elevator service, a hot water system and vacuum cleaning. Lobby, office and lounging rooms will have tile floors and ornamental plaster. Exterior of the building will be faced with pressed brick. Segregated figures are being taken for all parts of the work except structural steel.

MUNICIPAL RAILROAD CONSTRUCTION—Cost not stated. San Francisco. Engineer, City Department of Engineering, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans for the Stockton street, Columbus avenue and Fort Mason Municipal line have been completed and figures are now being called. Bids will be opened by the Board of Public Works on June 3rd. Plans and speci-

fications together with full particulars of the work can be secured from the City Engineer's office. An official proposal appears in another column of this issue.

RAILROAD CONSTRUCTION — Cost not stated. San Francisco. Engineer, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Plans have been completed for a railroad connecting the Fort Mason Tunnel with the Transport Docks. Bids are now being called for and will be opened on June 6th. Rails will be 114 pounds with 127 pound guard rails, redwood ties and rock ballast. Plans can be secured from the office of the Constructing Quartermaster. An official proposal appears under another heading in this issue.

RESIDENCE — 2 story and base, Class A construction, \$150,000 or more. San Francisco. Architect, Charles Peter Weeks, Mutual Bank Bldg., S. F. Owner, Mary L. Phelan. The dwelling, which will be one of the handsomest homes in San Francisco, will be erected on the north side of Washington street west of Octavia. Construction will be of the Class A type throughout with a complete steel frame and brick and terra cotta exterior walls. Interior partitions will be of hollow tile. Hardwood finish and hardwood and inlaid floors will be used. There will be steam heat, oil burning system, a vacuum cleaning plant and all other modern conveniences. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

RESIDENCE — 2 story and base, frame, \$5,000. San Francisco. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, Robert McGahie. The dwelling has been designed for a six-room house with private garage and will be erected on the east side of 16th avenue north of Lake street. Interior will be finished in pine and redwood with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile floor and wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SCHOOL—2 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owners, City and County of San Francisco. Bids were opened at the last Wednesday afternoon meeting of the Board of Public Works for the construction of the Cooper School. C. L. Wold was low on the general construction at \$78,980. The Central Electric Co. were low on the electric wiring. Herman Lawson on the plumbing and J. E. O'Mara on the heating and ventilating. A complete list of the bids will be found under the heading of San Francisco in this issue.

APARTMENT HOUSE—4 story and base, reinforced concrete, \$26,000. San Francisco. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, J. E. Reite. The building will be erected at the northwest corner of Franklin and Fulton streets, covering an area of 40½ feet by 82 feet. The building has

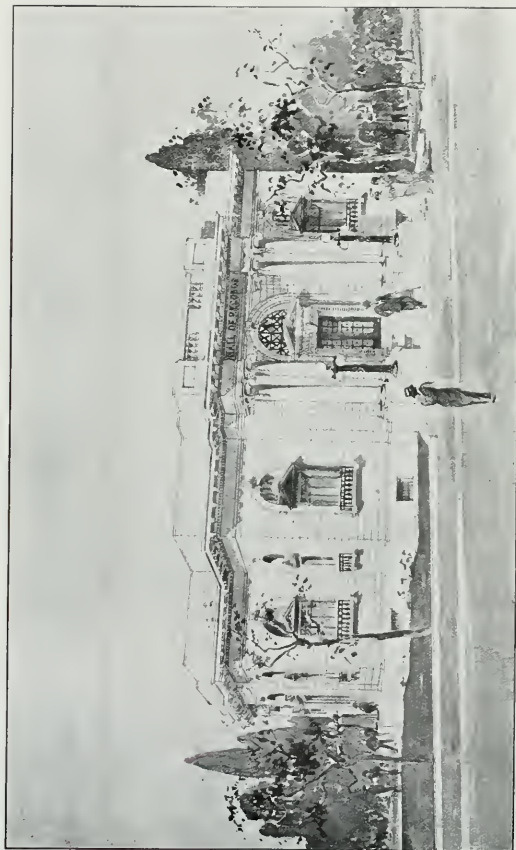
been designed to contain sixteen suites of two and three rooms, all of which will have private baths and wall beds. Interior finish will be of pine with some elm panels. Bath rooms will have tile wainscot and composition floors. Plans provide for steam heat and a hot water system. Entrance will be finished in tile and marble. Exterior of the building will be faced with cement plaster. Plans are complete and segregated figures are being taken.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architect, none. Owner, A. Petry, 336 Pierce street, S. F. The building will be erected on the west side of 11th avenue south of Cabrillo, having a frontage of 25 feet and a depth of 61½ feet. There will be two modern flats of six rooms each. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Automatic water heaters will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCES—2, 2 story and base, frame, \$2,500 each. San Francisco. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. These two houses will be erected on the east side of Arguello Boulevard near California street, and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Automatic water heaters will be installed. Bath rooms and kitchens will have tile wainscot. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$3,500. San Francisco. Architect, Edward F. Helms, 5th avenue and California street, S. F. Owner, E. Donovan. The dwelling has been designed for a seven-room house with bath, and will be erected on 28th avenue between California and Clement streets. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

PLAYGROUND WORK — Concrete swimming pool. Cost not stated. San Francisco. Architect, none. Owners, City and County of San Francisco. The Playground Commission, Temporary City Hall, will open bids on May 28th for construction of a concrete swimming pool in the playgrounds at 19th avenue and Angelica street. Plans and specifications together with full particulars can be secured from the Secretary of the Playground Commission, Temporary City Hall.



NEW HALL OF RECORDS FOR COLUSA COUNTY

Colusa, Calif.

Henry C. Smith, Architect
San Francisco



PROPOSED NEW GRAMMAR SCHOOL
Suisun, Calif.

Henry C. Smith, Architect
San Francisco

WATER SUPPLY SYSTEM—Cost not stated. San Francisco. Engineer, Constructing Quartermaster Office, Fort Mason, Owners, United States Government. Plans have been completed and figures will be opened on June 11th for constructing an additional water supply system at Fort Winfield Scott. An official proposal for the work appears in another column of this issue.

GARBAGE INCINERATOR PLANT—Cost not stated. San Francisco. Engineer, Constructing Quartermaster's Office, Fort Mason, Owners, United States Government. The Connolly Incinerator Co. were the lowest bidders for furnishing an incinerator plant at the Presidio. Their bid for the work on the owner's plans was \$3,750, and they will probably be awarded the contract.

STORES—1 story and base, brick and frame, \$6,000. San Francisco. Architect, Paul F. de Martini, 2123 Powell street, S. F. Owner's name withheld. The building will be erected in what is known as Car 'Ville and will contain three small stores. Interiors will be finished in pine throughout. Patent store fronts and plate glass windows will be used. Exterior of the building will be covered with cement plaster. Plans are complete and figures are being taken.

Contracts Awarded.

STABLES—5, 1 story, reinforced concrete, \$73,673. San Francisco. Engineer, Constructing Quartermaster Office, Fort Mason, Owners, United

States Government, Contractor, Frank M. Garden Co., S. F., general construction using slate roof, \$73,673. Electric work, Frank M. Garden Co., \$875. Plumbing, W. A. Newsom, \$3,000.

Bids On Wisconsin State Building.

Pringle, Dunn & Co. Will Be Awarded The Contract With Some Slight Changes In Plans.

(By Special Wire).

MILWAUKEE, Wis., May 19th.—Bids were opened on Saturday last at Milwaukee, Wisconsin, for the construction of the Wisconsin State Building at the Panama-Pacific International Exposition. Pringle, Dunn & Co. presented the lowest figure at \$19,700 and have been notified that a representative of the State will arrive shortly to arrange the details of a contract. Some slight changes may be made in the present plans. Murphy-Brooks Co. were second low at \$20,779 and James McLaughlin third at \$21,512. Following is a complete list of all figures received:

Wisconsin State Building.

Northwestern Constr. Co., S. F., \$21,711
H. B. Ward Constr. Co., S. F., 21,635
Poster-Vogt Co., S. F., 23,300
Travers-Mortensen, S. F., 23,352
L. A. Williams Co., S. F., 22,486

Pringle, Dunn Co., S. F., 19,700
W. W. Hayes, S. F., 24,435
Connary-Petersen Co., S. F., 24,725
Van Franz, S. F., 21,822
Van Sant-Inghouten Co., S. F., 24,298
Jas. L. McLaughlin, S. F., 21,112
Murphy-Brooks Co., S. F., 20,779
McLaren & Petersen, S. F., 23,823
Lange & Bergstrom, S. F., 22,600
James L. Brown, Inc., S. F., 26,000
Moore & Burlingame, S. F., 21,688
Charles Wright, S. F., 25,286
W. D. Henderson, S. F., 22,325
Frederick Whitton, S. F., 21,823

BIDS FOR INCINERATOR.

Connolly Incinerator Company Will Probably Be Awarded Contract On Their Own Plans.

Three bids were opened in the office of the Constructing Quartermaster at Fort Mason for constructing an incinerator plant at the Presidio. Bidders furnished their own plans and specifications. The Connolly Incinerator Co. bid \$3,750; John A. Lea, \$4,000, and the Universal Engineering Co. \$13,505.

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Amt.
1717	Patriagan	Klyce	9574
1718	Keller	Cobburn	13750
1719	Purcell	Purcell	1950
1720	Purcell	Purcell	1950
1721	Ohlsen	Ohlsen	1100
1722	Bjorkman	Bjorkman	1600
1723	Emporium	O'Neill	600
1724	Urban	Urban	5000
1725	Emmons	Heaphy	400
1726	Frankel	Bel	400
1727	Van Damme	Todhunter	350
1728	Crim	Crim	500
1729	Bergren	Bergren	2000
1730	Clancy	Clancy	4000
1731	Byrne	Hilliard	1687
1732	P. P. E.	Flinn	12760
1733	Mortede	Ferreccio	2650
1734	St. P.	Sullivan	1200
1735	Fireman's Fund	Gadd	825
1736	Same	McGilvray	5200
1737	Franks	Bryant	13785
1738	Greenwich	Brode	1850
1739	Pas G & E Co.	W'n Iron	6500
1740	Voorman	Arlett	7350
1741	Fellowstone	Bender	1576
1742	Good	Geiges	1250
1743	Bacelocco	Holt	13993
1744	Same	Davis	1464
1745	Same	Anderson	845
1746	Same	Schmitschek	950
1747	Same	Mangrum	743
1748	Muzio	Carraro	8550
1749	Knock	Gilson	1750
1750	Jordan	Riddle	1600
1751	Werner	Cunee	2300
1752	Burr	Demig	400
1753	Low Hing	Brandt	450
1754	Herrington	Wright	1450
1755	Robie	Baugh	1000
1756	Sperry	Harry	1850
1757	Shindler	Stevenson	1700
1758	Radford	Roberts	1450
1759	Philippelli	Jansen	4000
1760	Morley	Murray	1340
1761	Leslie	Levy	3605
1762	Larce	Callaghan	1470
1763	Guerrero	Carlson	2000
1764	Alberigl	Devenenzi	5000
1765	Pisette	Domaris	1450
1766	Burns	Johnson	1200
1767	Austin	Murray	12250
1768	Austin	Murray	1500
1769	Art	Jrost	4325
1770	Anderson	Johnson	1900
1771	Oppenheimer	Ogle	5117
1772	Ryan	Marconi	1425
1773	Boyd	Johnson	450
1774	Pac Hehr Ass'n.	Hilp	400
1775	Nielson	Nielson	840
1776	Stierlen	Price	1600
1777	Hark	Kea	1950
1778	Hester	Hoff	1000
1779	Knaup	Knaup	450
1780	Marlino	Johnson	1500
1781	White	Nichols	2000
1782	Lewis	Lewis	2000
1783	Jensen	Jensen	30000
1784	Banzendorfer	Owner	1500
1785	Allen	Allec	5000

City Bids Opened.

Bids for the Construction of the New Cooper School Opened. C. L. Wold Will Get the Job.

Bids were opened at the regular Wednesday afternoon session of the Board of Public Works for the construction of the new Cooper School, for the plumbing, heating and ventilating, electric work and for furnishing approximately 1,000,000 vitrified brick.

General Construction, Cooper School.

Bidder	Prop. 1.	Prop. 2.	Prop. 3.
C. L. Wold	\$78,980	\$80,180	\$80,180
Frank M. Garden Co.	85,371	86,165	86,941
Clinton Fireproofing Co.	82,400	83,060	83,150
Elmer Carlson	94,400	95,000	95,700
Charles Wright	79,868	81,000	81,600
Monson Bros.	88,937	90,500	92,700
Newsom & Kohn	81,047	81,697	82,197
H. A. Klyce	85,985	87,910	88,310

Plumbing, Cooper School.

Bidder	Prop. 1.	Prop. 2.
Alexander Colman	\$7,320	\$7,500
Frederick W. Snook Co.	7,374	430
S. W. Band	7,420	250
Ahlbach & Mayer	7,500	1,900
Klerman & O'Brien	7,495	7,615
Herman Lawson	6,690	6,855
E. C. Lacey	7,300	7,900
J. E. O'Mara	7,300	7,900
A. Letlich	7,565	7,875
Wittman & Lyman Co.	6,956	7,356
Scott Co.	7,316	7,416
Robert Dalziel, Jr.	7,597	7,797
Charles Wright	7,573	7,423

Electric Work, Cooper School.

McFell Elec. Co.	\$2,975
Central Elec. Co.	2,800
Butte Elec. & Elec. Co.	2,998
National Elec. Co.	3,290
H. S. Tittle	2,776

Heating and Ventilating, Cooper School

J. E. O'Mara	\$4,433
Richert & Co.	4,864
Robert M. Wilson	4,697
Herman Lawson	5,260
Klerman & O'Brien	4,910
Dennis O'Meara	4,568
J. C. Hurley Co.	4,786
Wittman Lyman Co.	5,282
Robert Dalziel Jr.	4,923
Scott Co.	4,953

1786 Phillips	Phillips	3000
1787 Sockolov	Sockolov	4000
1788 Drees	Leigh	2000
1789 Higgins	Kincanon	1500
1790 Jacobsen	Anderson	2200
1791 Johnson	Anderson	1500
1792 Lindsey	MacArthur	2000
1793 Walsh	Tomnitz	2600
1794 Pegneni	Lindeberg	1800
1795 Sale	Same	2000
1796 Same	Same	2200
1797 Lomelino	Lomelino	10000
1798 Welsh	Robinson	6000
1799 Jacobs	Schroder	10000
1800 Vaughn	Houle	2735

(Correction in Owner's Name.)

(1586) W HYDE 20 N Green N 20xW 60. All work for two-story and basement frame building (2 flats and store).

Owner.....H. C. Muller.

Architect...Frederick D. Boese, 45

Kearny, San Francisco.

Contractor...Henry Conrad, 2854 Pine, San Francisco.

Filed May 6, '14. Dated Apr. 4, '14.

Frame up and rough plumbing

In\$1331.25

Brown coated1331.25

Completed and accepted.....1331.25

Usual 35 days.....1331.25

TOTAL COST, \$5325.00

Bond, \$2662.50. Sureties, P. Parento and Louis Creyer. Limit, 100 days. Forfeit, \$3. Plans and specifications filed.

(1717) NE HYDE AND FRANCISCO E 45xN 137-6. All work except painting and plumbing for frame residence.

Owner.....Blanche H. Patigian, Clay and Larkin, S. F.

Architect...Ward & Blohme, Alaska Commercial Bldg., S. F.

Contractor...Harvey A. Klyce, 522 Sheldon, San Francisco.

Filed May 18, '14. Dated May 12, '14.

Payments on 1st of each month 75%

Brown coated25%

TOTAL COST, \$9544

Bond, \$4772. Surety, Massachusetts Bonding & Insurance Co. Limit, 110 days. Forfeit, \$10. Plans and specifications filed.

(1718) E TWELFTH AVE 25 N Irving N 75x45. All work for three-story and basement frame building (9 apartments).

Owner.....Eugene J. and Mathilde Keller, 220 9th Ave., S. F.

Architect...C. O. Clausen, Hearst Bldg., San Francisco.

Contractor...Chas. Cohurn, 4030 24th, San Francisco.

Filed May 18, '14. Dated May 18, '14.

3rd floor joists set.....\$2062.50

Frame up and roof on.....2062.50

Brown coated2062.50

Standing finish on.....2062.50

Completed and accepted.....2062.50

Usual 35 days.....3437.50

TOTAL COST, \$13,750.00

Bond, none. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(1719) W NINETEENTH AVE 75 S Balboa. Two-story and basement frame dwelling.

Owner.....Ellen A. Purcell, 856 Presidio Ave., S. F.

Architect...None.

Contractor...J. S. Purcell, 856 Presidio Ave., San Francisco.

COST, \$1950

(1720) W NINETEENTH AVE 25 S Balboa. Two-story and basement frame dwelling.

Owner.....Ellen A. Purcell, 856

Presidio Ave., S. F.

Architect...None.

Contractor...J. S. Purcell, 856 Presidio Ave., San Francisco.

COST, \$1950

(1721) W BANKS 175 N Jarboe. One story and basement frame dwelling.

Owner.....Maria Ohlsen, 2869 Harrison Ave., San Francisco.

Architect...None.

Contractor...H. J. Ohlsen, 2869 Harrison, San Francisco.

COST, \$1100

(1722) SW MORSE AND NEWTON. One-story and basement frame dwlg.

Owner.....John Bjorkman, 4077 23rd, San Francisco.

Architect...None

Day's work. COST, \$1600

(1723) S MARKET, bet. 4th and 5th. Lay floor on roof and iron pipe rail for pergola.

Owner.....The Emporium, 835-861 Market, San Francisco.

Architect...None.

Contractor...Daniel J. O'Neil, 278 Natoma, San Francisco.

COST, \$600

(1724) W URBANO DRIVE 150 E Victoria. Two-story and basement frame dwelling.

Owner.....Urban Realty Improvement Co., 55 Ceritos Ave., S. F.

Architect...Jos. A. Leonard, 85 Ceritos Ave., San Francisco.

Day's work. COST, \$5000

(1725) NE BRYANT & ELEVENTH. Alter and repair stable.

Owner.....Emmons Draying Co., 410 Market, San Francisco.

Architect...None.

Contractor...J. J. Heaphy, 1721 Lombard, San Francisco.

COST, \$400

(1726) NO. 988 MARKET. Alter entrance.

Owner.....Bainey Frankel, Prem.

Architect...None.

Contractor...Bell & Rosslow, 550 Nor., San Francisco.

COST, \$100

(1727) NOS. 24 AND 26 HARLOW. Alter and repair stable.

Owner.....Chas. F. Van Damme, 830 Ashbury, San Francisco.

Architect...None.

Contractor...Geo. C. Todhunter, 446 29th A e., San Francisco.

COST, \$350

(1728) W SIXTH AVE 50 N Hugo. Changes and alterations to flats.

Owner.....Geo. S. Crim, 425 Kearny, San Francisco.

Architect...None.

Contractor...W. H. Crim, 425 Kearny, San Francisco.

COST, \$950

(1729) W SEVENTEENTH AVE 125 N Balboa. Two-story and basement frame dwelling.

Owner.....G. N. Bergren, 10 2nd Ave., San Francisco.

Architect...None.

Contractor...L. G. Bergren & Son, 209 Sanchez, San Francisco.

COST, \$2000

(1730) W FOURTH AVE 25 S Irving.

Two-story and basement frame (2 flats).

Owner.....Hannah Clancy, 2884 Folsom, San Francisco.

Architect...M. J. Welsh, 22nd & Mission, San Francisco.

Contractor...D. J. Clancy, 2884 Folsom, San Francisco.

COST, \$4000

(1731) W WEBSTER 81-6 S Pacific Ave S 46-2 1/2 x W 110; W Webster bet. Pacific Ave and Jackson. All work for two garage entrances and six balconies for three-story frame building (Montelano Apartments).

Owner.....A. M. Byrne, 2411 Webster, San Francisco.

Architect...Dunn & Kearns, Monadnock Bldg., San Francisco.

Contractor...C. J. Hillard Co., 19th and Minnesota, San Francisco.

Filed May 18, '14. Dated May 13, '14.

Completed and accepted.....\$1265.625

Usual 35 days.....421.875

TOTAL COST, \$1687.50

Bond, none. Limit, 50 days from May 13. Forfeit, \$5. Plans and specifications filed.

(1732) EXPOSITION SITE. Sheet asphalt wearing surface on main concession roadway and Chestnut street Plaza.

Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.

Architect...None.

Contractor...Flinn & Treacy, 1st Nat'l Bank Bldg., San Francisco.

Filed May 19, '14. Dated May 13, '14.

As work progresses.....75%

Usual 35 days.....45%

TOTAL COST, \$12,760

Bond, \$7000. Surety, Fidelity & Deposit Co. of Maryland. Limit, 90 days. Forfeit, \$35. Plans and specifications filed.

(1733) W COLLINS 150 S Geary. All work except gas and electric fixtures, window shades, painting, finish hardware, concrete, cement, mosaic and marble work for two-story frame store and flat.

Owner.....Michele Mortede, 137 Collins, San Francisco.

Architect...None.

Contractor...Antonio Ferreccio, 421 8th Ave., San Francisco.

Filed May 19, '14. Dated May 19, '14.

Rough work up.....\$662.50

Brown coated662.50

Completed and accepted.....662.50

Usual 35 days.....662.50

TOTAL COST, \$2650.00

Bond, \$1325. Sureties, Nicolo Capurro and Victor Demartini. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(1734) COR. SIXTH AND BERRY. All work for bracing and moving freight shed "M" from NE 6th and King.

Owner.....Southern Pacific Co., Flood Bldg., San Francisco.

Architect...None.

Contractor...D. J. and T. Sullivan, 1942 Folsom, San Francisco.

Filed May 19, '14. Dated May 16, '14.

On completion75%

Usual 35 days.....35%

TOTAL COST, \$1200

Bond, \$600. Surety, Actua Accident & Liability Co. Limit, June 10. Forfeit, none. Plans and specifications, none.

(1735) SW CALIFORNIA AND SAN-
some W 87-88S 87-6. Installation of
piping and machinery to operate
vacuum sweeper system for brick,
terra cotta and steel building.
Owner.....Fireman's Fund Ins. Co.,
Insurance Exchange Bldg.,
San Francisco.

Architect...Lewis P. Hobart, Crocker
Bldg., San Francisco.
Contractor...Geo. A. Gadd, 1426 Bush,
San Francisco.

Filed May 19, '14. Dated May 2, '14.
Piping completed & accepted.....\$100
Machine accepted.....450
Usual 35 days.....Balance
TOTAL LCOST, \$825

Bond, \$413. Surety, American Surety
Co. Limit, Dec. 14. Forfeit, none.
Plans and specifications filed.

(1736) GRANITE AND LIMESTONE
work on above.
Contractor...McGillivray Stone Co., 634
Townsend, San Francisco.

Filed May 19, '14. Dated Apr. 13, '14.
When contract completed.....75%
Usual 35 days.....25%
TOTAL COST, \$5200

Bond, \$2700. Owner, \$2700 Material Men
Sureties, Jno. D. McGillivray and R.
Dewar. Limit, Aug. 1. Forfeit, \$25.
Plans and specifications filed.

(1737) S CALIFORNIA 107-11 W
Kearny S 68-9XW 31 All work for
four-story and basement brick hotel.
Owner.....Edw. F. Franks and Edw.
D. Swift, 1332 Mission, S. F.
Architect...Earl B. Scott, Humboldt
Bank Bldg., S. F.
Contractor...A. W. Bryant, 1247 9th
Ave., San Francisco.

Filed May 20, '14. Dated May 13, '14.
Foundations up to under side of
1st floor joists.....\$1000.00
3rd floor joists on.....1800.00
Roof on.....1800.00
Brown coated.....1800.00
Standing finish on.....1800.00
Completed and accepted.....2138.75
Usual 35 days.....346.25
TOTAL COST, \$13,785.60

Bond, \$6892.50. Surety, Pacific Coast
Casualty Co. Limit, 100 days. Forfeit,
\$10. Plans and specifications filed.

(1738) SE HYDE & GREENWICH E
100xS 68-9. Two fire escapes, ele-
vator grilles and cars and ornamental
iron work for seven-story and base-
ment steel frame building.
Owner.....Greenwich Realty Co.
Architect...T. P. Ross, 310 California,
San Francisco.

Contractor...Brode Iron Works, 31
Hawthorne, S. F.
Filed May 20, '14. Dated Mar. 28, '14.
On 1st and 15th of each month 75%
Usual 35 days.....25%
TOTAL COST, \$1850

Bond, \$875. Surety, Massachusetts
Bonding & Insurance Co. Limit, 60
days after plastering done. Forfeit,
\$20. Plans and specifications, none.

(1739) S COMMERCIAL 60 E Mont-
gomery S 58-6XE 49-9. Structural
steel and iron work for one-story
Class "A" sub-power station.
Owner.....Pacific Gas & Elec. Co., 445
Sutter, San Francisco.
Architect...Frederick H. Meyer, Bank-
ers' Investment Bldg., S. F.
Contractor...Western Iron Works, 141
Beale, San Francisco.

Filed May 20, '14. Dated May 19, '14.
On 1st of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$6500

Bond, \$3400. Surety, Pacific Coast
Casualty Co. Limit, 40 days. Forfeit,
none. Plans and specifications filed

(1740) NW BUSH AND MASON N 100
xW 68. Excavating, plain and rein-
forced concrete work for an apartment
house.

Owner.....Henry A. Voorman (Guar-
dian), 110 Market, S. F.
Architect...B. G. McDougall, Sheldon
Bldg., San Francisco.

Contractor...Arthur Arlett, 461 Market,
San Francisco.

Filed May 20, '14. Dated May 20, '14.
As work progresses.....75%
Usual 35 days.....25%
TOTAL COST, \$7350

Bond, none. Limit, 60 days. Forfeit,
\$25. Plans and specifications filed.

(1741) EXPOSITION SITE. Roofing
and waterproofing for Yellowstone
Park Concession.

Owner.....Union Pacific System Yel-
lowstone Park Concession
(by J. R. Kathrens, Man-
ager). Hearst Bldg., S. F.

Architect...E. J. Austin.
Engineer...C. H. Snyder.
Contractor...J. W. Bender Roofing &
Paving Co., Russ Bldg.,
San Francisco.

Filed May 21, '14 Dated April 28, '14.
On 10th of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$1570

Bond, \$886. Surety, The Aetna Accident
& Liability Co. Limit, Oct. 9. Forfeit,
\$5. Specifications only filed.

(1742) W SIXTH AVE 50 N Hugo N
25xW 95. Alterations and additions
to three-story frame building.

Owner.....Geo. S. Crim, 425 Kearny,
San Francisco.
Architect...W. H. Crim Jr., 425 Kearny
San Francisco.

Contractor...L. C. Wooldridge.
Filed May 21, '14. Dated May 19, '14.
Plastering completed.....\$300
Ready for painting.....262
Completed and accepted.....300
Usual 35 days.....288
TOTAL COST, \$1150

Bond, \$600. Surety, Maryland Casualty
Co. Limit, 30 days. Forfeit, \$5. Plans
and specifications filed.

(1743) N VALLEJO 94-5 E Van Ness
Ave N 122-6XE 30-1 W A 48. Exca-
vating, concrete, patent flues, fram-
ing lumber, roofing, mill, stairs, glaz-
ing, rough hardware, fire escapes, in-
laid floors, tinning, stone veneer
and plastering for three-story and
basement frame apartments house.

Owner.....L. A. Bacciocco, 1260 Hyde,
San Francisco.
Architect...H. Gelffuss & Son, 46
Kearny, San Francisco.

Contractor...O. C. Holt, 369 14th Ave.,
San Francisco.

Filed May 21, '14. Dated May 20, '14.
Frame up.....\$2100
Enclosed, roofed and partitions
set.....2100
Brown coated.....2100
White coated and outside com-
pleted.....2100
Completed and accepted.....2093
Usual 35 days.....3500
TOTAL COST, \$13,923

Bond, \$7000. Sureties, Oscar W. Thun-
berg and H. P. Otten. Limit, 100 days
to have ready for painter. Forfeit, \$10
Plans and specifications filed.

(1744) PLUMBING, GAS FITTING,
sewerage, plumbing fixtures, hot
water circulating system on above.
Contractor...A. Davis, 1538 Dolores,
San Francisco.

Filed May 21, '14. Dated May 20, '14.
Roughed in.....\$549
Completed and accepted.....549
Usual 35 days.....366
TOTAL COST, \$1464

Bond, \$750. Sureties, J. H. Wright and
Chas. Lauffer. Limit, 10 days after
completion of inside finish. Forfeit,
\$10. Plans and specifications filed.

(1745) PAINTING, STAINING, TINT-
ing and papering on above.
Contractor...E. Anderson & Bro.

Filed May 21, '14. Dated May 20, '14.
On 1st and 15th of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$843

Bond, none. Limit, 14 days after car-
penter work is completed. Forfeit, \$10.
Plans and specifications filed.

(1746) ELECTRIC WIRING, TELE-
phone wiring, and electric door open-
er on above.
Contractor...M. Schimitschek, 543 Hayes
San Francisco.

Filed May 21, '14. Dated May 20, '14.
Roughed in.....\$350
Completed and accepted.....350
Usual 35 days.....250
TOTAL COST, \$959

Bond, none. Limit, 5 days from com-
pletion of painting. Forfeit, \$10. Plans
and specifications filed.

(1747) LOW PRESSURE STEAM
heating apparatus, radiators, bronzing
of radiators, piping, asbestos
sectional pipe covering, hot water
heater and storage tank on above.

Contractor...Mangrum & Otter, 561 Mis-
sion, San Francisco.

Filed May 21, '14. Dated May 20, '14.
Roughed in.....\$279
Completed and accepted.....279
Usual 35 days.....183
TOTAL COST, \$743

Bond, none. Limit, 5 days from com-
pletion of painting. Forfeit, \$10. Plans
and specifications filed.

(1748) E FIAR OAKS 122 S 22nd.
Three-story and basement frame flats
Owner.....Carlo Muzlo & G. E. Mon-
dani, Premises.

Architect...L. Traverso, 834 Union,
San Francisco.
Contractor...Pietro Carraro, Premises.
COST, \$8550

(1749) NO. 1776 EDDY. Alter and add
to present laundry.
Owner.....Isaac Knock, Susanville.
Architect...C. S. McMalley, 87 Post,
San Francisco.

Contractor...J. E. Gilson, 180 Jessie,
San Francisco.
COST, \$1750

(1750) E COMMONWEALTH 298.62 N
Geary. Two-story and basement
frame residence.
Owner.....Jeanette A. Jordan, 201
Euclid Ave., S. F.
Architect...None.

Contra tor...L. V. Riddle, 291 Euclid Ave., San Francisco.

COST, \$7000

(1751) E TREAT AVE 125 S 22nd. One and one-half-story and basement frame dwelling.

Owner.....E. N. Werner.

Architect...None.

Contractor...John P. Cuneo, 263 Capp, San Francisco.

COST, \$2300

(1752) NO. 468 PACIFIC. Concrete floor and alter front.

Owner.....Burr & Richardson, Prem.

Architect...None.

Contractor...J. H. Demig, 718 Montgomery, San Francisco.

COST, \$400

(1753) N CLAY 55 E Stockton. New front, install imitation marble columns and tile lobby floor.

Owner.....J. Eli and Lew Hing, Canton Bank Bldg., S. F.

Architect...None.

Contractor...Brandt & Stevens, Hearst Bldg., San Francisco.

COST, \$450

(1754) E ROLPH 30 N Munich. Two-story frame dwelling.

Owner.....T. M. Herrington, 149 Bellevue, San Francisco.

Architect...None.

Day's work. COST, \$2800

(1755) NW ELLINGTON 80 NE Farnagh. One-story and basement frame dwelling.

Owner.....Geo. W. Roble, 194 27th, San Francisco.

Architect...Rhodes & Marisch, 3372 16th, San Francisco.

Contractor...Ralph G. Baugh, 1950 McAllister, San Francisco.

COST, \$1000

(1756) NO. 1200 BATTERY. Build brick wall.

Owner.....Sperry Warehouse, Prem.

Architect...None.

Contractor...J. G. Harry, 3619 18th, San Francisco.

COST, \$1850

(1757) S WOOLSEY 30 E Girard. One-story and basement frame dwelling.

Owner.....Bernhard and Bertha Shindler, 1175 Alabama, San Francisco.

Architect...None.

Contractor...Stevenson & Gowan, 136 Girard, San Francisco.

COST, \$1700

(1758) W FOLSOM 100 N Eugenia. One and one-half-story and basement frame dwelling.

Owner.....Margaret Radford, 3662 Folsom, San Francisco.

Architect...None.

Contractor...Roberts & Woolfrey, 1245 19th Ave., San Francisco.

COST, \$1450

(1759) W NINETEENTH AVE 100 N Clement. Two-story and basement frame (2) flats.

Owner.....David Philippelli, 438 Vienna San Francisco.

Architect...None.

Contractor...H. W. Jansen, 536 27th Ave., San Francisco.

COST, \$4000

(1760) E TWENTY-SIXTH AVE 175 N Kirkham. One story and basement frame dwelling.

Owner.....John Morley, 118 Corbett Ave., San Francisco.

Architect...None.

Contractor...T. Roy Murray, 265 7th Ave., San Francisco.

COST, \$1340

(1761) E VERMONT 120 N 24th. Two story and basement frame (2) flats.

Owner.....J. Leslie, 1266 Vermont, San Francisco.

Architect...None.

Contractor...J. McI. Jarvis, 2641 26th, San Francisco.

COST, \$3600

(1762) W TWELFTH AVE 100 S Lawton. One-story and basement frame dwelling.

Owner.....Mrs. C. and Gus Lane, 1201 Shrader, San Francisco.

Architect...None.

Contractor...Callaghan Bros., 900 Clayton, San Francisco.

COST, \$1470

(1763) N ORTEGA 42-6 W Eighth Ave. Two-story and basement frame dwlg.

Owner.....Guerrero Realty Co., 2563 Mission, San Francisco.

Architect...O. E. Evans, 2367 Mission, San Francisco.

Contractor...Carlson & Anderson, 382 Eureka, San Francisco.

COST, \$2000

(1764) N GREENWICH 55 E Fillmore. Three-story and basement frame store and flats.

Owner.....P. Alberigl, 1036 Jackson, San Francisco.

Architect...J. J. Devencenzi, 1069 Union, San Francisco.

Contractor...Devencenzi Bros. & Co., 1069 Union, San Francisco.

COST, \$5000

(1765) S EIGHTEENTH 50 E Missouri. Two-story and basement frame store and flat.

Owner.....C. J. Fisetli, 303 Missouri, San Francisco.

Architect...None.

Contractor...B. W. Damarais, 1732 Page, San Francisco.

COST, \$1550

(1766) W FOLSOM 175 S Eugenia. One-story and basement frame dwlg.

Owner.....Bernard Burns, 906 Cortland Ave., San Francisco.

Architect...None.

Contractor...Emil Johnson, 347 Surrey, San Francisco.

COST, \$1200

(1767) NW BUENA VISTA AVE AND Frederick. Two-story and basement frame residence.

Owner.....Willis B. Austin, Baldwin Hotel, San Francisco.

Architect...J. W. Dolliver, 701 Royal Ins. Bldg., S. F.

Contractor...J. J. Murray, 55 Buena Vista Terrace, S. F.

COST, \$12,250

(1768) NW BUENA VISTA AVE AND Frederick. One-story frame garage.

Owner.....W. B. Austin.

Architect...J. W. Dolliver, 701 Royal Ins. Bldg., S. F.

Contractor...J. J. Murray, 55 Buena Vista Terrace, S. F.

COST, \$1500

(1769) SE VERMONT AND 25TH. Two story and basement frame (2) flats.

Owner.....Joseph Art, 1415 Vermont, San Francisco.

Architect...Herman Streit.

Contractor...Robert Trost, 6th and Howard, San Francisco.

COST, \$1825

(1770) W LAIDLEY 128-4 N Miguel. One and one-half-story and basement frame dwelling.

Owner.....Mrs. M. Anderson, 9 Harper, San Francisco.

Architect...None.

Contractor...O. W. Johnson, 55 Van Buren, San Francisco.

COST, \$1900

(1771) W TWENTY-FIRST AVE 100 N Lake N 25xW 120. All work except concrete walks, terrazzo steps and painting for two-story and basement frame dwelling.

Owner.....Hedwig S. Oppenheimer.

Architect...Sylvain Schnaittacher, 1st Nat'l Bank Bldg., S. F.

Contractor...Flaherty & Ogil, 110 Jessie San Francisco.

Filed May 22, '14. Dated May 15, '14.

Frame up\$1280

Brown coated 1280

Completed and accepted..... 1277

Usual 35 days..... 1280

TOTAL COST, \$5117

Bond, \$2550. Sureties, Jas. Young and R. H. Flaherty. Limit, 100 days. Forfeit, \$10. Plans and specifications filed.

(1772) W COLE 90 N Grove. Lath and plaster for three-story and basement frame apartment house.

Owner.....Mrs. Nellie Ryan, 2157 Hayes by Beach & Hefferman, Hewes Bldg., S. F.

Architect...M. Mattanovich, Hewes Bldg., San Francisco.

Contractor...J. Marconi, 737 Greenwich, San Francisco.

Filed May 22, '14. Dated May 21, '14.

Payments on 1st of each month 75%

30 days after 25%

TOTAL COST, \$1425

Bond, \$715. Surety, Maryland Casualty Co. Limit, forfeit, none. Plans and specifications none.

(1773) NOS. 130-36 PINE. Alter front and repair stores.

Owner.....Boyd Investment Co., 255 California, San Francisco.

Architect...N. Blaisdell, 255 California San Francisco.

Contractor...J. Harold Johnson, 732 9th Ave., San Francisco.

COST, \$4.00

(1774) NO. 600 DEVISADERO. Construct tennis court.

Owner.....Pacific Hebrew Orphan Association, Premises.

Architect...None.

Contractor...Barret & Hilp, Sharon Bldg San Francisco.

COST, \$400

(1775) N CAINE 200 N Lobos. One-story and basement frame dwelling.

Owner.....Herman W. Nielsen, 136 Caine, San Francisco.

Architect...None.

Day's work. COST, \$800

(1776) NO. 885 CASTRO. Alter building into two flats.

Owner.....Mrs. E. Stierlen, 558 Lyon, San Francisco.
Architect...None.
Contractor.....Price & Hutchinson, 1550 Turk, San Francisco.
COST, \$1000

(1777) N FREDERICK 100 W Clayton. Alter flat, add new bath and stairs.
Owner.....C. W. Mark, 318 Frederick, San Francisco.
Architect...None.
Contractor.....L. A. Kern, 3646 17th, S. F.
COST, \$1000

(1778) N SURREY 125 E Diamond. One-story and basement frame dwlg.
Owner.....Hester & Hoff, 252 Lexington Ave., San Francisco.
Architect...None.
Day's work.....COST, \$1000

(1779) N LOBOS 150 E Capitol. One-story and basement frame dwelling.
Owner.....Paul Knaop, 45 Birnside Ave., San Francisco.
Architect...None.
Day's work.....COST, \$400

(1780) S GREEN 162 E Stockton. One story frame shop.
Owner.....N. Muriale, 550 Montgomery, San Francisco.
Architect...None.
Day's work.....COST, \$400

(1781) SE BUSH & DEVISADERO. Install modern fronts and tile entrances in stores.
Owner.....Wm. H. White et als, 151 Sutter, San Francisco.
Architect...None.
Contractor.....H. D. Nichols, 1381 Stevenson, San Francisco.
COST, \$2000

(1782) SW ANZA & 41TH AVE. One-story and basement frame dwelling.
Owner.....Mrs. J. E. Lewis, 44 39th Ave., San Francisco.
Architect...C. H. Barrett, 381 Bush, San Francisco.
Day's work.....COST, \$2200

(1783) NE BUSH AND LARKIN. Two-story and basement Class "A" garage.
Owner.....G. P. W. Jensen, 320 Market, San Francisco.
Architect...Sylvain Schmittacher, 1st National Bank Bldg., S. F.
Day's work.....COST, \$20,000

(1784) SE FILLMORE & LOMBARD. One-story and basement frame stores.
Owner.....A. Gunzendorfer, 1174 Phelan Bldg., San Francisco.
Architect...A. J. Bain, 1147 Phelan Bldg., San Francisco.
Day's work.....COST, \$6500

(1785) NO. 2148 FOLSOM. Two-story reinforced concrete tank house.
Owner.....A. Allee, Premises.
Architect...Righetti & Headman, 1168 Phelan Bldg., S. F.
Day's work.....COST, \$5000

(1786) NOS. 1647-57 McALLISTER. Alter flats into (12) apartments.
Owner.....E. Phillips, 1628 McAllister San Francisco.
Architect...E. Reinhold Denke, (Humboldt Bank Bldg., S. F.
Day's work.....COST, \$3000

(1787) N CLAY 130 E STEINER. Two-story and basement frame dwelling.
Owner.....J. Sockolov, 1857 O'Farrell, San Francisco.
Architect...Rousseau & Rousseau, Inc. 447 Monadnock Bldg., S. F.
Day's work.....COST \$4000

(1788) W TWENTY-FIRST AVE 250 S Geary. Two-story and basement frame dwelling.
Owner.....Elmer Drees, 327 5th Ave., San Francisco.
Architect...None.
Contractor.....Leigh & Schulz, 330 8th Ave., San Francisco.
COST, \$2000

(1789) NO. 639 NATOMA. Raise building and add one-story frame.
Owner.....Margaret Higgins, Prem.
Architect...None.
Contractor.....J. G. Kincanon, 215 Montgomery, San Francisco.
COST, \$1500

(1790) N MOHAWK 120 AND 145 W Mission. One and one-half-story and basement frame dwelling.
Owner.....N. Jacobsen, 3810 18th, San Francisco.
Architect...None.
Contractor.....Chas. Anderson, 3942 24th, San Francisco.
COST, \$2200

(1791) NE BENNINGTON & HIGHLAND. One and one-half-story and basement frame dwelling.
Owner.....Mrs. Elfrieda Johnson, 29th and Mission, San Francisco.
Architect...None.
Contractor.....C. G. Anderson, 3242 24th, San Francisco.
COST, \$1800

(1792) E TWENTY-FIRST AVE 300 S Lincoln Way. One and one-half-story and basement frame dwelling.
Owner.....Angelita Lindsey, 1239 31st Ave., San Francisco.
Architect...None.
Contractor.....MacArthur Bros., 1560 Fell, San Francisco.
COST, \$2000

(1793) E ALBION AVE 115 N 17th. Two-story and basement frame dwlg.
Owner.....Peter Walsh, 3514 17th, San Francisco.
Architect...None.
Contractor.....E. F. Tommlitz, 22 Caine, San Francisco.
COST, \$2600

(1794) W NEWTON 250 S Morse. One-story and basement frame dwelling.
Owner.....John A. Pegneni, 2493 Harrison, San Francisco.
Architect...None.
Contractor.....Lindberg Bros., 257 Surrey, San Francisco.
COST, \$1800

(1795) W TWENTY-FOURTH AVE 50 N Anza. One and one-half-story and basement frame dwelling.
Owner.....W. H. Sale, 1500 Vallejo, San Francisco.
Architect...None.
Contractor.....Leigh & Schultz, 330 8th Ave., San Francisco.
COST, \$2000

(1796) W TWENTY-FOURTH AVE 75 N Anza. One and one-half-story and basement frame dwelling.

Owner.....W. H. Sale, 1500 Vallejo, San Francisco.
Architect...None.
Contractor.....Leigh & Schultz, 330 8th Ave., San Francisco.
COST, \$2200

(1797) N PACIFIC 114-6 W Hyde. Three-story frame (6) apartments.
Owner.....A. C. Lomello, 1705 Hyde, San Francisco.
Architect...A. J. Barnett, 75 College Ave., San Francisco.
Contractor.....J. W. Lomello, 1705 Hyde, San Francisco.
COST, \$10,000

(1798) NO. 2442 JACKSON. Alterations, additions and repairs to residence.
Owner.....James C. Welsh, Premises.
Architect...R. W. Hart, Humboldt Bk. Bldg., San Francisco.
Contractor.....Robinson & Gillispie, 1051 Sutter, San Francisco.
COST, \$6000

(1799) E MISSION, bet. 16th and 17th. All work for three-story and basement frame building (lodging house and store).
Owner.....David Jacobs.
Architect...Milton Lichtenstein, 111 Ellis, San Francisco.
Contractor.....Schroeder & McIntosh, 765 Folsom, San Francisco.
Filed May 23, '14. Dated May 23, '14.
1st floor joists set.....\$1500
Entire building framed.....2200
Brown coated.....1500
Completed and accepted.....2500
Usual 35 days.....2600
TOTAL COST, \$10,300

Bond, \$5150. Surety, Aetna Accident & Liability Co. Limit, Sept. 1. Forfeit, none. Plans and specifications filed.

(1800) E NINETEENTH AVE 100 S Moraga S 25x E 120. All work for 6-room and bath residence.
Owner.....Chas. W. Vaughn.
Architect...None.
Contractor.....D. Houle, 660 Market, S. F.
Filed May 23, '14. Dated May —, '14.
Frame up and rafters set.....\$683.85
Brown coated.....683.85
House completed.....683.85
Usual 35 days.....683.85
TOTAL COST, \$2735.00

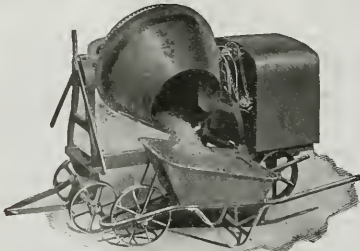
Bond, none. Limit, 80 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

San Francisco.

May 15, 1914—N BROADWAY 42-6 E Baker E 50 N 137-6 W 29-3 1/4 SE 1-6 1/2 W parallel with Broadway 21-1 1/2 S 136. Albert L Ehrman to Lyden & Bickel.....May 12, 1914
May 15, 1914—NW MENDELL (M So) 75 NE Newcomb Ave (14th Ave So) NE 75xNW 75. Mary T Gillen to L C Woodridge.....May 15, 1914
May 15, 1914—N BROADWAY 42-6 E Baker E 50 N 137-6 W 29-3 1/4 SE 1-6 1/2 W parallel with Broadway 21-1 1/2 S 136. Albert L Ehrman to Cavanagh & Vezina.....May 12, 1914
May 15, 1914—W MASON 95-3 N Pacific N 22-3xW 137-6. Angelina Cesama to Antonio Sciarroni, and C Manclini.....May 14, 1914
May 15, 1914—N BUSH 72 W Hyde W 34-4 1/2x137-6. Martin S. Shaw to whom it may concern.....May 14, 1914
May 15, 1914—S TONGVIN 356,127 W

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Dev-sadero W 575xS 725. Panama-Pacific International Exposition Co to Nell A McLean.....May 5, 1914
May 15, 1914—NE FULTON AND Parker Ave E 175xN 275. The President and Board of Trustees of St. Ignatius College to John A M Butler.....May 9, 1914
May 15, 1914—SE HOWARD 150 SW 12th SW 50xSE parallel with SW 15th 137-6 Landau Economic Syphon Co to F P Lausang.....May 12, 1914
May 16, 1914—SW SANSOME AND Sutter W 69-8 1/2 S 69-7 NE 85-10 1/2 N 19-1 1/2. Albert Meyer and Isaac Leibes to Petersen-James Co.....May 12, 1914
May 16, 1914—N PACIFIC 60 E Taylor E 25xN 62-8. Ludovico Cavalieri to N P Anderson.....May 14, 1914
May 18, 1914—S CLAY 200 E Drumm E 75xS 119-6. Zellerbach-Levison Co to Domenico D Uomini and Joseph D Uomini (as Pacific Plastering Co, May 9; Chas Morrison (as Morrison & Co, May 15, 1914
May 18, 1914—E NINETEENTH AVE 50 N Anza N 50xE 82-6. Michael

Costello and Bryan Feerick to whom it may concern.....May 12, 1914
May 18, 1914—KIRKHAM NO. 615. Elizabeth Gaffke to whom it may concern.....May 12, 1914
May 18, 1914—E DOUGLASS 422 S 19th S 23xE 125. John F. Haner to whom it may concern.....May 8, 1914
May 18, 1914—E FIFTH AVE 175 S "C". J J O'Meara to MacArthur Bros.....May 18, 1914
May 18, 1914—E NINTH AVE 125 N Ortega (O) N 25xE 125. Alphius and Mary Elizabeth Duffee to whom it may concern.....May 16, 1914
May 19, 1914—S TONQUIN 90 W Steiner E 57-25xN 687.5. Panama-Pacific International Exposition Co to Strehlow, Freese & Petersen.....May 12, 1914
May 19, 1914—N BUSH adjoining E side Mills Bldg and having frontage on Bush N 68-9. Ogden Mills to Thomas Day Co.....May 15, 1914
May 19, 1914—S BEACH 90 W Steiner E 57-25xW 687.5. Panama-Pacific International Exposition Co to Strehlow, Freese & Petersen.....May 12, 1914

May 19, 1914—SW THIRD 125 NW Harrison NW 50xSW 80. B and M Cianciarulo to S Saari.....May 16, 1914
May 19, 1914—E TENTH AVE 245 N Fulton N 25xE 126. William T and Wm T Smith to James Welsh.....May 16, 1914
May 19, 1914—SE EDINBURGH 100 SW France Ave SW 25xSE 100; ptn Lot 1 Blk 43 Excel Hd. Wm S Umer to T H Parry.....May 5, 1914
May 19, 1914—W THIRTY-THIRD Ave 200 N Taraval—25 W 120 S 25 E 120. L L Cook to whom it may concern.....May 19, 1914
May 20, 1914—N WASHINGTON 180 W Powe 1 W 10xN 137-6. Frederick A and Rose T Sutherland to Jno G Kincanon.....May 15, 1914
May 20, 1914—N HOWARD 275 E 4th E 40 N 80 W 10 N 80 W 30 S 160. Fert Schlesinger to K. K. K. and O'Brien.....April 30, 1914
May 20, 1914—SE JESSIE & ECKER E 105 S 50 W 1-6 S 26 W 103-6 N 76. William H Crocker to Chas H Hock.....April 27, 1914
May 21, 1914—W SEVENTEENTH Ave 125 N California N 52xW 120. Tyler Schmidt Bldg Co to whom it may concern.....May 21, 1914
May 21, 1914—E SEVENTEENTH Ave 125 N California N 50xE 120. Tyler Schmidt Bldg Co to whom it may concern.....May 21, 1914
May 21, 1914—W FIFTEENTH AVE 150 N Judah. Lawrence O'Connell to whom it may concern.....May 16, 1914
May 21, 1914—W GARIBALDI (Vincent) 57-6 S Union S 40xW 58-9. Walter H and Nellie E Eager to Latin Constr Co.....May 19, 1914
May 21, 1914—S GEARY 137-6 E Mason E 37-6xS 137-6. Stewart Est Co to Central Elec Plumbing & Heating Co.....May 12, 1914
May 21, 1914—N ELIZABETH 230 E Castro E 25xN 114. Tina Hinkel to Hunkel Bros.....May 14, 1914
May 21, 1914—W NINE 28-11 N Day N 25xW 80. Edw Connors to Edw Mooney.....May 22, 1914
May 22, 1914—W TWELFTH AVE 200 S Anza S 25xW 120. Alfred J Gock to whom it may concern.....Completed
May 22, 1914—E POLK 51-4 N Union N 21-4xE 100. Guglielmo Galli to A Gighi and G Cisero.....May 22, 1914
May 22, 1914—W TWENTY-FOURTH Ave 125 S Geary W 120xS 25. Chas M Hawthorne to T Roy Murray.....May 22, 1914

LIENS FILED.

San Francisco.

May 15, 1914—S PRECITA AVE AND Florida SW 25xSE 80. G A Olsson vs J Eliasson, Johnson & Olson et al.....\$250
May 15, 1914—SE CHENEY 104 NE Mateo NE 25xSE 100; Lot 12 Blk 9 Fairmount Tet. George Ryan vs Mary A Nihand.....\$275.38
May 15, 1914—NE FIFTEENTH AVE Oakdale Ave) and San Bruno Ave N 50xE 100 on or l. George Ryan vs Charles F Yeager, Mark Hardy and H Jacobson.....\$20.88
May 15, 1914 N—HAIGHT 161-6 E Shrader E 25xN 137-6. W P Fuller & Co vs Lena and H S White.....\$65.88
May 15, 1914—N BROADWAY 171-10 1/2 W Dupont W 68-9xN 137-6 L Salucci vs Nellie Harrie and Finnila & Seibold.....\$362

May 16, 1914—NW MARKET 9-6 1/2 NE California NE 79-9 N parallel with Drumm 131-2 W 64-8 1/2 S 177-94. Olson-Mahoney Lumber Co vs Doe Estate Co, S J Pringle and S C Pringle and Long (as Long's Ferry Market).....\$41.49

May 16, 1914—E BRAZIL & LISBON SE 25XNE 100; No. 301 Brazil Ave The G H Oakley Co, Inc vs Vincenzo D and Rosina Devino. \$228.75

May 18, 1914—NE CALIFORNIA AND Gillick Lane E 60XN 177-6. A Bertorlino to Ludwig Blass.....

May 18, 1914—S PRECITA AVE & Florida (Ryan Ave) SW 25XSE 80. Reinhardt Lumber & Planing Mill Co vs Olaf M Johnson, Carl Olson, John Eliassen and Bergette Eliassen.....\$200

May 19, 1914—E VALENCIA 35-4 N 24th E 117-8XN 125. Mission Lumber Co to John Sullivan and A W Burnett.....

May 19, 1914—S LINCOLN WAY 57-6 W 18th Ave W 25XSE 120. John Greely vs L H Hansen & Associates (as Golden Gate Park Home Bldg Society) and Sol Getz & Sons.....\$32

May 20, 1914—N DE MONTFORT AVE 125 W Jules Ave W 25XN 100. A Gold vs F W Schmidt.....\$318.60

May 19, 1914—N ELLIS 97-6 W Mason W 40XN 60 50 W Blk 197. Fisher & Wolfe Co vs Charles C Judson Co.....\$570

May 21, 1914—S PRECITA AVE AND Ryan Ave SW 25XSE 80. J H Kruse vs John Eliassen, Bergette Eliassen, Olaf Johnson, and Carl Johnson (as Johnson & Olsen).....\$69.32

May 21, 1914—W STONE 117-6 N Washington N 47-6XW 60. E K Cooley, Tr Zenith Iron Works, Bankrupt, vs Henry Euler, M O Goodner & Chas Oberfeld (as Goodner & Oberfeld).....\$150.18

May 21, 1914—S PRECITA AND Florida (Ryan Ave) SW 25XSE 80. F G Norman & Sons vs Olaf M Johnson, Carl Olson, John Eliassen and Bergette Eliassen.....\$65.33

May 22, 1914—N BUSH 68-9 E Leavenworth E 45-10 N 137-6 W 45-10 S 82-6 E 0-1 1/2 S 43 W 0-1 1/2 S 10. Maxwell G Bughee vs Ansonia Apartments Co.....\$418

May 22, 1914—EXPOSITION SITE. Electric Blue Print Co vs Panama-Pacific International Exposition Co and Lange & Bergstrom.....\$119.37

May 22, 1914—N BUSH 68-9 E Leavenworth E 45-10 N 137-6 W 45-10 S 82-6 E 0-1 1/2 S 43 W 0-1 1/2 S 10. L A Hinson vs Ansonia Apartment Co Cpn.....\$21,120.50

May 22, 1914—W STONE 117-6 N Washington N 47-6XW 60. Reinhardt Lumber & Planing Mill Co vs W R Bell, Chas Oberfeld, M O Goodner and Henry Euler.....\$129.75

May 14, 1914—E TWENTY-SIXTH Ave 100 S California S 25 E 120 N 25 W 100. H Van Herick vs Julius and Mary A Appel.....\$220.50

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. Oakland, Cal. Architect, M. L. Newsom, 1823 5th avenue, Oakland. Owner, J. Asanada. The building will be erected on 14th avenue near East 18th street and will contain a number of two and three room suites. Interior finish will

be of pine with some elm panels and oak floors. All apartments will have private bath room and wall beds. Bath rooms will be finished in tile and will have composition floors. Plans provide for a hot water system. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. A brick veneer base will be used. Plans are complete and figures are now being taken on the work.

RESIDENCE—2 story and base, frame, \$3,500. Oakland, Cal. Architects, Hutchinson Bros, 170 13th street, Oakland. Owner's name withheld. The dwelling will be erected in the Piedmont by the Lake Tract, and has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine and hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures will be taken at once.

RESIDENCE—2 story and base, frame, \$4,500. Oakland, Cal. Architect, none. Owner, P. A. Graham, 2226 Blake street, Berkeley. The dwelling will be erected on Keith avenue, and has been designed for a seven-room house with bath. Interior finish will be largely of pine with some redwood and oak veneer. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$3,500. Oakland, Cal. Architect, Alvin J. Stern, 1542 Broadway, Oakland. Owner, Roger Coit. The dwelling will be erected on Lennox avenue and has been designed to contain six rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room. Mantel will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Mr. Coit is a well known builder and will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$3,500. Oakland, Cal. Architects, Elite Planners, 1841 5th avenue, Oakland. Owner, Mr. Jenks. The dwelling has been designed to contain seven rooms, bath and sleeping porch, and will be erected in the Royal Tract. Interior finish will be of pine throughout. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot. Exterior of the house will be covered with cement

plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, H. T. Preble. The dwelling will be erected on the Kellogg Property and has been designed to contain seven rooms, bath and sleeping porch. Pine and redwood will be used in the interior finish. Hardwood floors are specified for the living and dining rooms. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot and composition floors will be used in the bath rooms. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

BUNGALOWS—2, 1 story and base, frame, \$2,500 each. Alameda, Alameda Co., Cal. Architects, Elite Planners, 1841 5th avenue, Oakland. Owner, Mr. Seaman. These two houses will each contain five rooms and bath and will be erected in Waterside Terrace. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in each living room. Mantels will be of tile. Automatic water heaters will be installed. Tile wainscot will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster on metal lath. Plans are being prepared and when complete work will be done by Day Labor. Owner will purchase all materials.

WAREHOUSE, TANKS, ETC.—Frame construction. Cost not stated. Oakland, Cal. Architects, Rignetti & Headman, Phelan Bldg., S. F. Owners, Plinal-Dome Refining Co., Livingston street, Oakland. Included in this work will be a large warehouse, steel and concrete tanks, reservoir, office building, loading shed and a garage. Except for the tanks and reservoir all construction will be of frame and corrugated iron. Plans are being prepared and when complete the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$9,000. Piedmont, Alameda Co., Cal. Architect, James H. L. Hommedieu, Syndicate Bldg., Oakland. Owner, W. H. MacKinnon. The dwelling will be erected in Nova Piedmont, a new residence tract recently opened, and will contain eight rooms, two baths and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have tile floors and wainscot and will be equipped with showers. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$1,500. Piedmont, Alameda Co., Cal. Architect, James H. L. Hommedieu, Syndicate Bldg., Oakland. Owner, J. C. Stevens. The dwelling will be erected in Piedmont Manor and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and redwood

with hardwood floors in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame. Cost not stated. Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, J. A. Munro. The dwelling will be erected on Grand avenue near Rand, and has been designed for an eight-room house with two baths. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Bath room and kitchen will have tile wainscot. Plans are complete and figures are now being taken.

CITY HALL LIGHTING—Cost not stated. Oakland, Cal. Architects, Palmer, Hornbostel & Jones, City Hall, Oakland. Owners, City of Oakland. Plans have been completed for furnishing and installing lighting fixtures in the new Oakland City Hall. Bids will be opened by the City Council on June 4th. Plans and specifications can be secured from the office of the architects.

THEATRE—2 story and base. Class A construction, \$80,000. Oakland, Cal. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, The Bishop Co. The building will be erected at the northwest corner of 14th and Harrison streets and will cover a considerable ground area. Construction will be fire-proof throughout with a complete steel frame, reinforced concrete walls and floors. Plans provide for steam heat and a modern system of ventilation. Interior will be finished in pine and hardwood with ornamental plaster. Exterior will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Am't.
1269	Penn	Penn	2400
1272	Beers	Beers	1500
1273	Walsh	Mowat	3400
1274	S. P.	Pac Iron	470
1277	Sims	Sims	2000
1278	Stoll	McBeth	3200
1280	Yore	Malley	600
1281	Sage	Sage	1300
1282	Yodke	Yodke	200
1285	Pinal Ref	Owner	1500
1286	Same	Same	1000
1287	Same	Same	2000
1288	Trimlett	Trimlett	1600
1289	Pinal Ref	Owner	5000
1290	Tyson	Saxton	2100
1292	McCracken	McCracken	4000
1293	Young	Young	200
1294	Bennis	Stevens	200
1295	Pinal Ref	Owner	450
1296	Fabiola	Owner	550
1297	Behr	Doss	400
1298	Halv	Halv	400
1300	Locke	Iddings	100
1302	Cianciarulo	Lass	100
1303	Smith	Wald	1223
1305	Waldorf	Anderson	400
1306	Willis	Willis	1500
1307	Fletcher	Werder	2500
1308	Raffetto	Leiter	400
1309	Kelly	Taylor	0
1310	Shores	Shores	8500
1312	Pennis	Stevens	2850
1313	Dinsmore	Larson	4931

1315	Jensen	Rogers	1500
1316	McFarlane	Teather	2100
1317	Dodge	Peterson	5000

(1269) N FOOTHILL BLVD 350 E Cole, Oakland. One-story 6-room dwelling. Owner.....Theo. Fenn, 749 1st, Okd. Architect...None. Day's work. COST, \$2400

(1272) E ORANGE 100 N E-26th, Oakland. One-story 5-room dwelling. Owner.....S. W. Beers, 1120 11th Ave., Oakland. Architect...None. Contractor...C. M. Dean, 2206 23rd Ave., Oakland. COST, \$1850

(1275) N SHAFTER AVE 400 E College Ave., Oakland. Two-story 6-room dwelling. Owner.....H. E. Walsh, Shafter near College Ave., Oakland. Architect...Olin S. Grove, 2911 Telegraph Ave., Oakland. Contractor...T. Mowat, 2135 Market, San Francisco. COST, \$3400

(1274) BET. E AND W BOUND SUB-urban electric tracks, 16th Street Depot, Oakland. All work for iron fence. Owner.....Southern Pacific Co., 15th and Broadway, Oakland. Architect...None. Contractor...Pacific Iron Works, 416 Webster, Oakland.

Filed May 18, '14. Dated Apr. 30, '14. 10 days after completed and accepted\$170 TOTAL COST, \$170 Bond, \$250. Surety, Illinois Surety Co. Limit, 30 days. Forfeit, plans and specifications, none.

(1277) N SANTA RITA AVE 160 E Rosedale, Oakland. One-story five-room dwelling. Owner.....W. H. Sims, 1128 71st Ave., Oakland. Architect...None. Day's work. COST, \$2000

(1278) S RANDOLPH 270 E Piedmont Ave., Oakland. One and one-half-story 7-room dwelling. Owner.....G. E. Stoll, 525 35th, Okd. Architect...None. Contractor...R. H. McBeth, 1050 Stannage Ave., Albany. COST, \$3200

(1280) NO. 670 THIRTY-SIXTH, Oakland. Alterations and repairs. Owner.....W. J. Yore, Premises. Architect...None. Contractor...F. T. Malley, 2001 Grove, Oakland. COST, \$600

(1281) E HELEN 150 N 32nd, Oakland. One-story 4-room dwelling. Owner.....Jas. Sage, 3226 Heien, Oakland. Architect...None. Day's work. COST, \$1500

(1282) W SIXTEENTH AVE 100 S E-19th, Oakland. Brick foundation. Owner.....Jno. R. Hodge, 1749 16th Ave., Oakland. Architect...None. Day's work. COST, \$400

(1285) FOOT LIVINGSTON STREET, Oakland. Loading house. Architect...None. Day's work. COST, \$550

Owner.....Pinal Dome Refining Co., Premises. Architect...Righetti & Headman, Phe-lan Bldg., S. F. Day's work. COST, \$1400

(1286) OFFICE ON ABOVE. Day's work. COST, \$1000

(1287) GARAGE, MOTOR HOUSE AND Pumping house on above. Day's work. COST, \$2900

(1288) S BROOKDALE AVE 243 W 38th Ave., Oakland. One-story 4-room dwelling. Owner.....Robt. Trimlett, 3136 High, Oakland. Architect...None. Day's work. COST, \$1600

(1289) FOOT LIVINGSTON STREET, Oakland. Steel and concrete warehouse. Owner.....Pinal Dome Refining Co., Premises. Architect...Righetti & Headman, Phe-lan Bldg., S. F. Day's work. COST, \$5000

(1290) S THIRTY-EIGHTH 335 12 Broadway, Oakland. All work for one and one-half-story dwelling. Owner.....Geo. H. Tyson and wife, 260 38th, Oakland. Architect...None. Contractor...Eric Saxton, 4225 Terrace, Oakland.

Filed May 20, '14. Dated Apr. 16, '14. 10 days after completed and accepted\$170 TOTAL COST, \$170 Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1292) S LAKE SHORE AVE 500 E Walla Vista, Oakland. Two-story 7-room dwelling. Owner.....E. C. McCracken, 1327 Broadway, Oakland. Architect...None. Contractor...W. J. McCracken, 1327 Broadway, Oakland. COST, \$4000

(1293) S FIFTY-NINTH 370 W Dover, Oakland. One-story 6-room dwlg. Owner.....Jas. H. Young, 702 Alleen, Oakland. Architect...None. Day's work. COST, \$2000

(1294) W FORTY-EIGHTH AVE 180 N Melrose Ave., Oakland. Two-story 5-room dwelling. Owner.....Jno. G. Bennis, Care Press Club, San Francisco. Architect...None. Contractor...Z. M. Steves, 1827 Marin Ave., Berkeley. COST, \$2950

(1295) FOOT LIVINGSTON STREET, Oakland. Steel platform. Owner.....Pinal Dome Refining Co., Premises. Architect...None. Day's work. COST, \$150

(1296) NO. 3797 PIEDMONT AVE., Oakland. Addition. Owner.....Fabiola Hospital Ass'n., Premises. Architect...None. Day's work. COST, \$550

(1297) NO. 611 JEAN, Oakland, Garage.
Owner.....W. G. L. Behr, Premises.
Architect...None.
Contractor...C. A. Doss, 2028 E-15th, Oakland.
COST, \$400

(1298) N PARDEE 15 W Seventh, Oakland. Alterations.
Owner.....W. Haly, 851 Pardee, Okd.
Architect...None.
Day's work.
COST, \$400

(1300) NO. 655 WALSWORTH, Oakland. Alterations.
Owner.....W. L. Locke, Premises.
Architect...None.
Contractor...W. W. Iddings, 1805 Cedar, Berkeley.
COST, \$400

(1302) W BROADWAY 125 N Birnie N 25XW 127-8, Oakland. Plumbing and gas fitting for two-story and basement Class "C" store and office building.
Owner.....R. and M. Cianciarulo, 704 Clay, Oakland.
Architect...W. M. Wilde, Albany Bldg., Oakland.
Contractor...H. F. Lass, 1915 48th Ave., Oakland.
Filed May 21, '14. Dated May 18, '14.
Roughed in\$675
Completed and accepted..... 450
Usual 35 days..... 275
TOTAL COST, \$1500

Bond, \$760. Surety, Southwestern Surety Ins. Co. Limit, 1 day. Forfeit, \$10. Plans and specifications filed.

(1303) LOT 17 GHIRADELLI TRACT, Oakland. All work for one-story 4-room dwelling.
Owner.....Ellen Smith, Oakland.
Architect...None.
Contractor...A. F. Wald, Oakland.
Filed May 21, '14. Dated May 20, '14.
Foundation in\$300
Enclosed 250
Plastered 250
Usual 35 days..... 423
TOTAL COST, \$1223

Bond, \$150. Sureties, Clara L. Baker. Limit, forfeit, plans and specifications none.

(1305) NO. 480 EIGHTH, Oakland. Alterations.
Owner.....Waldorf Cafe, Premises.
Architect...None.
Contractor...Jno. Anderson, 1424 Broadway, Oakland.
COST, \$400

(1306) NO. 445 FIFTY-FIRST, Oakland. Alterations and additions.
Owner.....W. D. Willis, Premises.
Architect...None.
Day's work.
COST, \$1500

(1307) N AILEEN 200 S San Pablo Ave., Oakland. One-story 6-room dwelling.
Owner.....Carl Plenther, 1014 57th, Oakland.
Architect...None.
Contractor...H. H. Werder, 4433 North Court, Oakland.
COST, \$2500

(1308) E PARK VIEW AVE 250 N Grand Ave., Oakland. One and one-half-story 2-room brick garage.
Owner.....W. T. Raffetto, 511 Adeline, Oakland.
Architect...None.

Contractor...E. T. Leiter & Sons, 303 Sheldon Bldg., S. F.
COST, \$400

(1309) NO. 3327 BRUCE, Oakland. Alterations and repairs.
Owner.....Mrs. Mary Kelly, 2620 Folsom, San Francisco.
Architect...None.
Contractor...W. C. Taylor, 1901 69th Ave., Oakland.
COST, \$600

(1310) SE PORTER & ASHMORE AVES Oakland. Two-story 10-room dwlg.
Owner.....Cora H. Shores, 690 Walla Vista Ave., Oakland.
Architect...Hutchinson Bros., 470 13th, Oakland.
Contractor...F. W. Shores, 311 Union Savings Bank Bldg., S. F.
COST, \$8500

(1312) LOT 14 AND S 10 LOT 15 BLK "L" Fruitvale Blvd. Tract, Oakland. All work for two-story dwelling.
Owner.....John Bennis, 401 Hill, S. F.
Architect...None.
Contractor...Z. M. Steves, Berkeley.
Filed May 22, '14. Dated May 21, '14.
Raffers on\$ 500
Brown coated 1000
Completed and accepted..... 725
Usual 35 days..... 725
TOTAL COST, \$2950

Bond, \$1475. Surety, Fidelity & Deposit Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1313) E KING 200 S Lincoln Ave 50 x142, Piedmont. All work for one-story and basement frame dwelling.
Owner.....P. A. Dinmore, 1444 Broadway, Oakland.
Architect...Sidney B. Nawsom and C. F. Cobbledick, Nevada Bank Bldg., San Francisco.
Contractor...Anderson & Larson, 2240 E-17th, Oakland.
Filed May 22, '14. Dated May 19, '14.

Frame up\$1245.00
Brown coated 1245.00
Completed and accepted..... 1245.00
Usual 35 days..... 1246.50
TOTAL COST, \$4981.50

Bond, \$2460. Surety, Chicago Bonding & Surety Co. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

(1315) N SUTTER 50 W Liese Ave., Oakland. One-story 6-room dwelling.
Owner.....C. Jensen, 2523 Grove, Okd.
Architect...None.
Contractor...C. Rogers, 330 49th, Oakland.
COST, \$1500

(1316) NE SIXTY-EIGHTH AVE AND E-14th, Oakland. One-story five-room dwelling and store.
Owner.....C. C. McFarlane, 413 68th Ave., Oakland.
Architect...L. D. Luck, 532 San Jose Ave., San Francisco.
Contractor...A. W. Teather, Sausalito.
COST, \$2100

(1317) E EUCALYPTUS ROAD 300 S The Highlands, Oakland. One and one-half-story 8-room dwelling.
Owner.....W. E. Dodge, 3020 Telegraph Ave., Oakland.
Architect...None.
Contractor...T. S. Peterson, 2035 Parker, Berkeley.
COST, \$5000

Building Contracts Awarded.

Berkeley.

No.	Owner	Contractor	Am't.
1270	United Bldrs	Owner	1700
1271	Broderick	Broderick	2750
1275	McGill	Tesdahl	1900
1276	Kelley	Scammon	2000
1285	Johanson	Johanson	800
1283	Blanchard	Johnson	1100
1291	Stewart	Engler	6000
1299	Jewett	Jewett	400
1301	Hamelin	Hamelin	400
1311	Haynes	Spittler	4550
1314	Green	Walden	6309

(1270) W STANTON 131 S Ashby Ave., Berkeley. One-story 5-room dwlg.
Owner.....United Home Bldrs., 1762 Broadway, Oakland.
Architect...None.
Day's work.
COST, \$1700

(1271) SW POSEN AVE & COLUSA Ave., Berkeley. One and one-half-story 6-room dwelling.
Owner.....W. L. Brodrick, 1544 Bonita Ave., Berkeley.
Architect...None.
Day's work.
COST, \$2750

(1275) LOT 11 BLK 15 San Pablo Park Berkeley. All work for one-story 5-room dwelling.
Owner.....W. H. McGill, S. F.
Architect...Wright & Rushforth, 571 California, San Francisco.
Contractor...C. Tesdahl, 3035 Harper, Berkeley.

Filed May 18, '14. Dated May 14, '14.
Frame up and roof sheathed.....\$500
Plastered 560
Completed and accepted..... 425
Usual 35 days..... 475
TOTAL COST, \$1900
Bond, none. Limit, 75 days. Forfeit, \$1. Plans and specifications filed.

(1276) W SPRUCE 250 N Virginia, Berkeley. Two-story 7-room dwlg.
Owner.....Mrs. Wm. Kelley, — Stewart, Berkeley.
Architect...None.
Contractor...C. F. Scammon, 1816 Addison, Berkeley.
COST, \$3000

(1283) N RUSSELL 160 W Adeline, Berkeley. One and one-half-story 6-room dwelling.
Owner.....Chas. T. Johanson, 1933 Russell, Berkeley.
Architect...None.
Day's work.
COST, \$860

(1284) N HASKELL 200 W Baker, Berkeley. One-story 4-room dwlg.
Owner.....Anna B. Blanchard, 1309 Harmon, Berkeley.
Architect...None.
Contractor...G. H. Johnson.
COST, \$1100

(1291) N FOREST AVE 250 W Claremont Blvd., Berkeley. Two-story 9-room dwelling.
Owner.....D. M. Stewart, 4309 Linden Oakland.
Architect...None.
Contractor...Louos Engler, 2721 Haste, Berkeley.
COST, \$6000

(1299) E TELEGRAPH AVE 332 N Bancroft, Berkeley. Alterations.
Owner.....Mary H. Jewett, 1700 University Ave., Berkeley.
Architect...None.

Contractor, R. M. Jewett, 1700 University Ave., Berkeley.
COST, \$400

(1301) N RUSSELL 80 W Milvia, Berkeley. Alterations.
Owner.....A. Hamelin, 1937 Russell, Berkeley.
Architect...None.
Day's work.....COST, \$100

(1311) E THE UPLANDS opp Hillcrest, Berkeley. Two-story 8-room dwelling.
Owner.....R. S. Haynes, 2326 Fulton, Berkeley.
Architect...None.
Contractor...E. B. Spittler, 2154 Ashby Ave., Berkeley.
COST, \$4550

(1314) BLK & LOT "F" Claremont Court, Berkeley. All work for two-story and basement frame dwelling.
Owner.....Lewis H. Green.
Architect...Julia Morgan, Merchants' Exchange Bldg., S. F.
Contractor...G. R. Whidden, 505 Haddon Road, Oakland.
Filed May 22, '14. Dated May 18, '14.
Frame up, boarded in, chimneys up and rough plumbing in..... 1/4
1st coat plaster on..... 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$6369
Bond, \$3154.50. Surety, Maryland Casualty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

Building Contracts Awarded.

Alameda.

No.	Owner	Contractor	Am't.
1263	Neal	Cahill	880
1264	Hickey	Allen	1260
1265	Mehrtens	Mehrtens	1506
1266	Erickson	Erickson	1500
1267	So Shore Land Co.	Strang	2400
1268	Davis	Burton	400
1279	Mathebat	Adams	2340
1304	Muller	Roth	3319

(1263) NO. 1424 PARK, Alameda. Iron store house.
Owner.....Chas. S. Neal, Sherman & Central Ave., Alameda.
Architect...H. H. Meyer, 2021 Alameda, Alameda.
Contractor...J. R. Cahill.
COST, \$880

(1264) BAY 100 S Santa Clara Ave., Alameda. Addition to dwelling.
Owner.....Capt. J. Hickey, Premises.
Architect...None.
Contractor...M. Allen, 829 52nd, Okd.
COST, \$1200

(1265) NO. 554 HAIGHT, Alameda. One-story 5-room dwelling.
Owner.....H. G. Mehrrens, 1600 Webster, Alameda.
Architect...None.
Day's work.....COST, \$1500

(1266) N LINCOLN 110 E Benton, Alameda. One-story 4-room dwelling.
Owner.....Johnson & Erickson, 1610 Benton, Alameda.
Architect...None.
Day's work.....COST, \$1500

(1267) NO. 833 PORTOLA AVE., Alameda. One-story 5-room dwelling.
Owner.....South Shore Land Co., S. F.
Architect...None.

Contractor...F. N. Strang, 1334 8th, Alameda.
COST, \$2400

(1268) NO. 1717 DAYTON AVE., Alameda. Two-story garage.
Owner.....C. L. Davis, Premises.
Architect...None.
Contractor...Chas. Burton, 993 Park, Alameda.
COST, \$400

(1279) S LINCOLN AVE 300 E Walnut E 50xS 217-5, Alameda. All work for one-story dwelling.
Owner.....A. Mathebat, 2319 Lincoln Ave., Alameda.
Architect...None.
Contractor...C. C. Adams, 832 Buena Vista Ave., Alameda.

Filed May 19, '14. Dated May 18, '14.
Frame up.....\$385
Brown coated..... 585
Completed and accepted..... 580
Usual 35 days..... 585
TOTAL COST, \$2340
Bond, none. Limit, 75 days. Forfeit, \$1. Plans and specifications filed.

(1304) S SANTA CLARA AVE 200 E Chestnut 52x140, Alameda. All work for one-story dwelling.
Owner.....Annie C. Muller, Alameda.
Architect...None.
Contractor...Conrad Roth, 2117 Pacific Ave., Alameda.

Filed May 21, '14. Dated May 20, '14.
Frame up.....\$830
1st coat plaster on..... 830
Completed and accepted..... 830
Usual 35 days..... 829
TOTAL COST, \$3319
Bond, none. Limit, 75 days. Forfeit, \$1. Plans and specifications, none.

COMPLETION NOTICES.

ALAMEDA COUNTY.

May 16, 1914—N VIRGINIA 320 fm W line California W 40xN 135, Bkly. Theresa E Grier to John Turner.....May 2, 1914
May 18, 1914—NINETY-SECOND AVE No. 2212, being Lot 22 Highland Tract, Okd. Joseph St. Mary to whom it may concern.....Completed —
May 18, 1914—LOT 3 BLK 7900 Kellersbergers Map City of Oakland, Okd. Elwood H Chan to C M Griffin.....May 9, 1914
May 18, 1914—E GROVE 50 S 6th S 50xE 75, Okd. Mary and Pasquale Cirelli and Rosa Annuzzi to F C Amoroso.....May 14, 1914
May 18, 1914—N GARLAND AVE 125.90 E Fairmont Ave E 40xN 161, Okd. Albert H Barlow to M Drennen.....May 16, 1914
May 18, 1914—LOTS 7 AND 8 Map Gem Tract, Okd. East Bay Home Bldg Co to whom it may concern.....May 15, 1914
May 19, 1914—E WALLA VISTA AVE 431.36 N Elwood Ave N 40 E 105.45 S 40 W 105, Okd. Laura E Doty to Sommarstrom Bros.....May 13, 1914
May 18, 1914—LOT 3 BLK 79 Kellersbergers Map City of Oakland, Okd. Elwood H Chan C M Griffin.....May 9, 1914
May 20, 1914—PTN LOT 37 BLK 1, Berkeley Heights, Bkly. William Kitley to whom it may concern.....May 14, 1914
May 20, 1914—NE CROSTON AVE 150 SE Piedmont Ave SE 40xNE 110,

Okd. John J Healy to L H Pheal.....May 20, 1914
May 20, 1914—S NINTH 125 W Alice 25x100, Okd. Max Bechtle to A Volckers.....May 18, 1914
May 20, 1914—S BANCROFT WAY 87 W Fulton W 43xS 90, Okd. Wm H Waste and Frederick H Clark to whom it may concern.....May 15, 1914
May 20, 1914—S HEARST AVE 96-3 E Shattuck Ave E 50xS 124-6, Bkly Dora E Clark to Porter Bros.....May 12, 1914
May 20, 1914—W WEBSTER 356 N 14th N 150xW 150, Okd. The Young Women's Christian Ass'n. of Oakland to D B Farquharson.....May 3, 1914
May 21, 1914—LOT 2 BLK 1, Rockridge Place, Okd. Mrs L J Fitch to T Anderson.....May 1, 1914
May 21, 1914—E EVERETT 230 S 13th Ave S 40xE 105.40, Okd. Ehelza Mae Henrahan to Collins Bros.....May 12, 1914
May 21, 1914—W TENTH AVE 100 N E-20th being No. 2025 10th Ave., Okd. A Y Skee to whom it may concern.....Completed —
May 21, 1914—LOT 57 AND S 7 1/2 Lot 56 Blk "H" Map Broadway Terrace Okd. Newman & Wilkinson to whom it may concern.....May 20, 1914
May 22, 1914—LOT 23 BLK 4, Key Route Terrace No. 2, Albany. Mks Smith to whom it may concern.....May 21, 1914
May 22, 1914—NE THIRTIETH & Webster E 100xN 50, Okd. H A Powell to J C Petersen.....May 21, 1914
May 22, 1914—SW E-TWELFTH 40 SE Second Ave 30x100, Okd. Adelaide G Jenkins to Sommarstrom Bros.....May 21, 1914
May 22, 1914—LOT 5 BLK 27 Havenscourt, Okd. W H Engle to C J Pfrang.....May 11, 1914
May 22, 1914—NINETY-SECOND AVE No. 2266; Lot 23, Highland Tract. Okd. Joe St. Mary to whom it may concern.....Completed —
May 22, 1914—LOT 17 BLK 1 Thousand Oaks, Oakland Tp. Allan P Matthew to D T Blethroad.....May 15, 1914
May 22, 1914—NE THIRTIETH & Webster E 100xN 50, Okd. H A Powell to W J Baccus and F T Kennedy (2 acceptances).....May 21, 1914

LIENS FILED.

ALAMEDA COUNTY.

May 15, 1914—S GRAND AVE 169.48 W Harrison W 100 S 107 E 100 N 100, Okd. Harry B Williams vs Lena White.....\$193.60
May 18, 1914—NW FORTY-FOURTH Ave 100 SW 10th SW 50xNW 100, Okd. R Robertson vs Mrs. J C Sharp.....\$24.50
May 18, 1914—LOTS 14 AND 15 BLK "I" Map Ext Mck Orchard Tract, Eden Tp. F J Russell vs G Rametta.....\$221.87
May 19, 1914—N NINTH 60 W Madison W 75xN 100, Jepson Bros vs Geo Tuman, Sarah J Hastings, N A Thompson, E M Reagh, Frank W Aitken and L T Cook.....\$173.50
May 20, 1914—S TWENTY-SECOND 360 E Webster E 51xS 160, Okd. John P Maxwell vs D Miller.....\$431.53
May 20, 1914—S TWENTY-SECOND 360 E Webster E 51xS 169, Okd.

Rrberts Mfg Co vs D Miller...\$786.35
May 20, 1914—GRAND AVE NO. 730,
being Lot 12 Map Piedmont-by the
Lake, Okd., Wm Stevenson vs F A
Briggs and B B Burnett.....\$75.50

SAN JOSE AND THE SANTA CLARA VALLEY

RESIDENCE—2 story, attic and base, Class A construction. Cost not stated. Hillsborough, San Mateo Co., Cal. Architect, Louis P. Hohart. Crocker Bldg., S. F. Owner, William H. Crocker. The dwelling complete will cost in the neighborhood of \$250,000. There will be a complete steel frame, brick exterior walls and fireproof partitions. Interior finish will be entirely of hardwood. There will be hardwood and inlaid floors. Plans provide for steam heat, a vacuum cleaning system and hot water supply. All bath rooms will have tile wainscot and floors. Exterior will be faced with pressed brick and terra cotta. Plans are complete and a contract for the structural steel has been awarded to the Western Iron Works. Segregated figures are being taken on the other parts of the work.

BRIDGE—Reinforced concrete. Cost not stated. San Jose, Santa Clara Co., Cal. Engineer, County Surveyor J. G. McMillan, San Jose. Owners, Santa Clara County. The bridge will be erected over Penetencia Creek near Alum Rock avenue. Plans have been completed and figures are now being taken. Bids will be opened by the Board of Supervisors on June 1st. Plans and specifications can be secured from the County Clerk.

RESIDENCES—1 and 2 story, frame. Cost not stated. San Jose, Santa Clara Co., Cal. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: H. V. Kinsell, southwest 14th and San Salvador, six-room cottage, \$2,635; C. A. Thomas, 676 North San Pedro, five-room frame cottage, \$2,000; W. M. Lewis, 256 North Ninth street, six-room frame cottage, \$3,000; Edward Wells, 453 North St. James street, five-room frame cottage, \$2,000, and Lee Gardiner, 197 Hawthorne Way, Oakland, five-room frame cottage, \$1,600.

WHARF—Timber construction. Cost not stated. Davenport, Santa Cruz Co., Cal. Engineer's name not given. Owners, Santa Cruz Portland Cement Co. Representatives of the Thomson Bridge Co. of San Francisco were in Davenport recently taking soundings for a large timber pile wharf which will be erected by the Santa Cruz Portland Cement Co. The structure will be in the neighborhood of 1,500 feet long.

Contracts Awarded.

STORE AND OFFICES—2 story and base, brick. Cost not stated. Palo Alto, Santa Clara Co., Cal. Architect, Henry Sherman, Mills Bldg., S. F. Owners, The Frazier Co., Contractor, C. A. Brady, 150 Jessie street, S. F. Contract price not stated.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

NO. 735 S-NINTH ST., San Jose. Five-room cottage.
Owner.....A. De Smet, 398 N-11th St., San Jose.

Architect...None.
Day's work. COST, \$2000

NO. 249 S-THIRTEENTH ST., San Jose.
Six-room cottage.
Owner.....F. O. Nelson, Premises.
Architect...None.
Day's work. COST, \$2500

E TWELFTH ST., 3rd Lot N William St., San Jose. Five-room cottage.
Owner.....John Harter, Premises.
Architect...None.
Day's work. COST, \$2000

NO. 180 N-TWELFTH ST., San Jose.
Two-room addition.
Owner.....John Waihel, Premises.
Architect...None.
Day's work. COST, \$1000

NO. 122 N-THIRTEENTH ST., San Jose.
Remodel residence.
Owner.....S. Darling, Premises.
Architect...None.
Day's work. COST, \$450

NW PARK AND SPENCER AVES., San Jose. One-story cottage.
Owner.....Miss L. W. Ortle, Prem.
Architect...None.
Contractor..P. E. Keesling, 38 Cae Ave., San Jose. COST, \$1800

N WILLIAM, 2nd Lot W Third St., San Jose. Remodel two-story residence.
Owner.....Mrs. J. C. Murphy, 653 8-Th St., San Jose.
Architect...None.
Contractor..Frank Zingham, 210 8-9th St., San Jose. COST, \$3800

NO. 113 N-TWENTY-SEVENTH ST., San Jose. Two-room additions and repairs.
Owner.....A. W. Mau, Premises.
Architect...None.
Day's work. COST, \$400

SW VIRGINIA AND LOCUST STS., San Jose. Two-story store and residence.
Owner.....I. Santaro, Premises.
Architect...None.
Day's work. COST, \$3500

NE ELEVENTH AND SANTA CLARA, San Jose. Two-room addition.
Owner.....C. T. O'Connell, Premises.
Architect...None.
Day's work. COST, \$700

BUILDING CONTRACTS.

SAN MATEO COUNTY.

HILLSBOROUGH. Delivery, erecting, riveting and painting of the structural steel work for addition to present residence.
Owner.....Wm. H. Crocker, Premises.
Architect...Lewis P. Hohart, 1122 Crocker Bldg., S. F.
Contractor..Western Iron Works, 141 Beale, San Francisco.
Filed May 15, '14. Dated May 12, 14.
15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$6900

Bond, \$2450. Surety, Pacific Coast Casualty Co. Limit, June 15. Forfeit, \$25 per day. Plans and specifications filed.

LOT 8 BLK 21 Crocker Estate Sbdwn No. 1. All work for one and one-half-story frame building.

Owner.....Carl A. Anderson.
Architect...None.
Contractor..Edw. Anderson.
Filed May 11, '14. Dated Mar. 27, '14.
Foundation in & rough frame up.....\$187
1st coat plaster on..... 487
Building completed..... 488
Usual 35 days..... 487
TOTAL COST, \$1949

Bond, none. Limit, 75 working days. Forfeit, none. Plans and specifications none.

LOT 6 AND PART LOT 7 BLK 30, Easton Addition No. 2, City of Burlingame. All work except plumbing, gas fitting, listting, paper hanging, window shades, outside painting and plastering for two-story and basement dwelling.
Owner.....Wm. Eldred, Hillsborough.
Architect...None.
Contractor..S. McClure, San Mateo.
Filed May 15, '14. Dated May 15, '14.
Frame up.....\$1150
1st coat plaster on..... 1150
Building completed..... 1150
Usual 35 days..... 1150
TOTAL COST, \$4600

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
May 9, 1914—LOT 9 BLK 8 "Blossom Heath Manor," San Mateo. Annie Dunne to Fred J. Maurer. May 1, 1914
May 9, 1914—BERESFORD, Beresford Country Club to F. L. Hansen & Frederick W. Snook Co.. May 1, '14

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

BANK—1 story and base, Class C construction, \$15,000. Suisun, Solano Co., Cal. Architect, O. R. Thayer, Merchants' National Bank Bldg., S. F. Owners, First National Bank of Suisun. The building will cover an area of 24 by 74 feet, and has been designed with foundations and exterior walls of sufficient strength to carry an additional story. Interior will be arranged for a large public space, banking work space, president's office and directors' rooms. Interior finish will be of pine, oak and mahogany. Marble and tile with ornamental plaster and ornamental iron and bronze will be used extensively. Plans provide for coin and safe deposit vaults. Exterior of the building will be faced with red pressed brick. Large granite columns and pilasters will be used. Plans are complete and work has been started by Day Labor. Some subcontracts will be let through the owners.

BRIDGES—Reinforced concrete and wood. Cost not stated. Madera, Madera Co., Cal. Engineers, Federal Engineering Co., Central Bldg., L. A. associated with County Surveyor T. E. Smith, Madera. Owners, Madera County. Bids will be received by the Board of Supervisors of Madera County up to 11 a. m. of June 2nd, 1914, for the erection of seven reinforced concrete bridges in accordance with plans and specifications prepared by the Federal Engineering Co., Central Bldg., L. A. Plans may be obtained at the office of the engineers or from the County Sur-



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veyor T. E. Smith, of Madera. The structures include two 3-hinge arch bridges—one 145 feet long, consisting of two spans over Walker Creek; one 133 feet long of two spans over Gold Creek; and the following concrete girder type bridges: One 600-foot structure over Ash Slough, one 200-foot structure over Cottonwood Creek, one 140-foot structure over Cottonwood Creek, and 50 and 70-foot structures over creeks south of Berendo. R. W. Curtin is County Clerk. Bids will also be received by the Board of Supervisors up to 11 a. m. on Monday, June 2nd, 1914, for constructing a wood and steel bridge 180 feet long over Chowchilla Creek, and also a wood trestle bridge in accordance with plans and specifications on file in the office of the County Surveyor T. E. Smith.

Contracts Awarded.

HOSPITAL ADDITION—2 story and base, brick. Cost not stated. Martinez, Contra Costa Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Contra Costa County. Contractors, Boyd, Kerr & McLean, S. F., general construction. Contract price, \$28,752. Plumbing and heating to Timothy Collins, S. F. Contract price, \$2,185. A complete list of these figures appears under the heading of Marin, Contra Costa and Sonoma Counties.

Award Contract For County Infirmary.

Boyd, Kerr and McLean Awarded General Construction and Timothy M. Collins Gets Plumbing.

(By Special Wire.)

MARTINEZ, CONTRA COSTA CO., CAL., May 18, 1914.—The Board of Supervisors opened ten sets of figures to-day for the construction of the two-story brick addition to the County Infirmary, designed by Architect W. H. Weeks, San Francisco. Boyd, Kerr & McLean, of San Francisco, submitted the lowest figures for the general construction at \$28,752 and were awarded the contract. Timothy M. Collins was awarded the plumbing and heating at \$2,185. Following is a complete list of all bids received:

Contra Costa Hospital.

Schnebley, Hostrawser & Pedgrift	\$31,329
J. Collin	29,268
Carl Nelsen	29,788
R. H. Ingham	36,400

Graham & Jensen	33,090
Ludden & Lambley	29,700
Pluth & Morton	33,282
Welch Bros.	29,691
Peterson & Wilson	31,874
Boyd, Kerr & McLean	28,752

Heating and Plumbing.

Mangrum & Otter	\$2,625
Timothy M. Collins	2,185
Scott Company	2,360
Klernan & O'Brien	2,853

BUILDING CONTRACTS.

MARIN COUNTY.

SITUATE IN FAIRFAX, Marin Co. All work for one-story frame building. Owner.....Rocca Land Co., (Corp). Architect...C. O. Clausen, Phelan Bldg., San Francisco. Contractor...Elling Ellingson, S. F. Filed May 16, '14. Dated May 8, '14. Frame up\$350 Building Completed350 Usual 35 days.....100 TOTAL COST, \$1100 Bond, \$550. Surety, Pacific Coast Casualty Co. Limit, 30 working days. Forfeit, none. Plans and specifications filed.

SITUATE IN TIBURON, Marin Co. Concrete work, carpenter work and plastering for building. Owner.....Edward A. Creighton, Sausalito. Architect...Henry L. Wilson, Los Angeles.

Contractor...H. J. Campbell, Sausalito.	
Filed May 15, '14. Dated Apr. 20, '14.	
Frame up	25%
When plastered	25%
When accepted	25%
Usual 35 days.....	25%
TOTAL COST, \$2604.49	
Bond, none. Limit, 60 working days.	
Forfeit, none. Plans and specifications filed.	

SITUATE IN SAUSALITO, Marin Co. Carpenter work, etc., for dwelling. Owner.....J. Mecchi and S. G. Ratto, Sausalito.

Architect...C. H. Smith, Sausalito.	
Contractor...A. W. Feather, Sausalito.	
Filed May 18, '14. Dated May 9, '14	
Frame up	\$820.25
Brown coated	820.25
When completed	820.25
Usual 35 days.....	820.25
TOTAL COST, \$3281.00	
Bond, \$1640. Surety, Southwestern	
Surety Insurance Co. of Oklahoma.	
Limit, 90 working days. Forfeit, none.	
Plans and specifications filed.	

E. H. Williams Chalmers Munday

Munday & Williams

Attorneys-at-Law

Special Attention Given to Building
Law and Bankruptcy Cases

Telephone Kearny 2622

615 Phelan Building, San Francisco

BUILDING CONTRACTS.

CONTRA COSTA COUNTY.

LAND LYING between Portola Ave and the S. P. right of way just N and adjoining the property occupied by the Pacific Porcelain Ware Co., City of Richmond. Concrete work, carpenter work, galvanized iron work and electric work for frame and galvanized iron ware house. Owner.....L. M. La Sell, Berkeley. Architect...James T. Narbett, Richmond.

Contractor...A. W. Josselyn. Filed May 18, '14. Dated May 16, '14. Entire frame completed & ready for the galvanized iron.....\$500 Entirely completed and contractor shows receipts for labor and materials and acceptance certificate signed by architect.....629 TOTAL COST, \$1129 Bond, \$1150. Surety, Limit, forfeit, none. Plans and specifications filed.

LIENS FILED.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
May 13, 1914—LOT 14 BLK "I,"
Nicholl Shbyn, Town of Richmond.
V A Fenner vs W H Paul.....\$89.15

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
May 5, 1914—LOT 8 BLK "C, City of
Pittsburg. Margaret D and Mamie
L Royce to George H Field Co.....
.....May 11, 1914

FRESNO, MODESTO, STANIS. LAUS AND CENTRAL CALIFORNIA.

STORES AND OFFICES—4 story and base, brick and steel. Cost not stated. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson, Forsythe Bldg. Fresno. Owner, Mr. Cory. The building will be erected at the corner of Fresno and J streets, and will have a frontage of 50 feet on J street and 150 feet on Fresno. There will be a number of stores on the first floor and upper floors will be arranged for offices. Interior finish will be of pine and redwood. There will be elevator service, steam heat, oil burning stove and vacuum cleaning. Patent store fronts and metal window sash and

frames will be specified. Interior partitions will be of metal lath and plaster. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

CHURCH—1 story and base, brick, \$20,000. Fresno, Fresno Co., Cal. Architect, H. F. Starbuck, Fresno. Owners, German Free Lutheran Church of Fresno. The building will be erected at the corner of F and San Diego streets and will cover a considerable ground area. There will be a large main auditorium and Sunday school rooms, pastor's study and social rooms. Interior will be finished in pine with some ornamental plaster. There will be a central heating system. Exterior of the building will be faced with pressed brick. Plans also include art glass windows. Plans are now being prepared and figures will be called for shortly.

RESIDENCE—2 story and base, frame, \$11,500. Hollister, San Benito Co., Cal. Architect, Edward F. Helms, 5th avenue and California, S. F. Owner, Dr. Curtis. The dwelling has been designed for a country home and will contain eleven rooms, three baths and sleeping porches. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath rooms will have tile floors and wainscot and will be equipped with showers. Exterior of the dwelling will be covered with cement plaster. A red clay tile roof will be used. Plans are complete and the work is now being done by Day Labor.

SCHOOL—1 story and base, frame. Cost not stated. Lemoore, Kings Co., Cal. Architect, none. Owner, San Jose School District. Plans have been completed for a small frame building of four class rooms. Bids are now being taken and will be opened on May 30th. Plans can be secured from the Clerk of the San Jose School District, Lemoore.

ROCK CRUSHER—Cost not stated. Keene, Kern Co., Cal. Engineer, County Engineer. Bakerfield. Owners, Kern County. The following bids were received by the Kern County Board of Supervisors for the construction of a rock crushing plant to be installed at Keene. The plant will be used in connection with the construction of the State Highway in Kern and adjoining counties: San Francisco Bridge Co., S. F., \$87,963; John R. Cahill Co., S. F., \$17,000; Langford, Felts & Mayers, \$81,777.77; American Machine Works, \$22,000. All bids were referred to the State Highway Commission, and no action will be taken until the June meeting of the Commission. Each contractor furnished plans and specifications.

RESIDENCE—2 story and base, frame. Cost not stated. Fresno, Fresno Co., Cal. Architect, W. T. Bowen, Fresno. Owner, W. W. Hanger. The dwelling will be erected on Wishon avenue and has been designed for a ten-room house with three baths and sleeping porch. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath rooms will have tile wainscot

and composition floors. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

Bids For Rock Crushing Plant.

John R. Cahill Co. of San Francisco Low. Action Will Not Be Taken Until June Meeting.

The following bids were received by the Kern County Board of Supervisors for the construction of a rock crushing plant to be installed at Keene. The plant will be used in connection with the construction of the State Highways in Kern and adjoining counties.

Rock Crushing Plant.

S. F. Bridge Co., S. F. \$87,963.00
John R. Cahill Co., S. F. 47,000.00
Langford, Felts & Mayers, 81,777.77
American Machine Works, 22,000.00

All bids were referred to the State Highway Commission and no action will be taken until the June meeting of the Commission. Each contractor furnished plans and specifications.

COMPLETION NOTICES.

FRESNO COUNTY.

RECORDED **ACCEPTED**
May 20, 1914—COR. J & KEHN STS., Fresno City, E Gottschalk & Co., Inc to Pacific Fire Extinguisher Co., Inc. May 14, 1914

LIENS FILED.

FRESNO COUNTY.

RECORDED **AMOUNT**
May 19, 1914—REAR 50 FEET LOTS 13 to 16 Blk 62, Fresno, Central State Elec Co vs J I Mitrovich Blk Co and G A Turner, \$324.50
May 18, 1914—REAR PTN LOTS 14 to 16 Blk 62; No. 1837 Mariposa St., Fresno. Nudd Johnson vs G A Turner, \$644.95
May 16, 1914—SW 71-51½ LOTS 13 to 16 Blk 39, Fresno. Nudd Johnson vs D Fujimori, \$287.25

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

BRIDGE—Reinforced concrete and steel. Cost not stated. Stockton, San Joaquin Co., Cal. Engineer, City Engineer, Stockton. Owners, City of Stockton. The City Engineer has been instructed to prepare plans for a reinforced concrete bridge to be erected over the Mormon Channel at Sutter street. Working drawings will be completed as rapidly as possible and figures will be taken. Further mention will be made of the work.

RESIDENCES—1 and 2 story, frame. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, none. The following Day Labor jobs are reported as about to be started in Stockton: Henry Boddling, 1 story frame, \$1,200; Liner Silber, 1 story frame, \$2,000; Joseph Reine, 1422 North Van Buren, 1 story frame, \$2,000; Mr. and Mrs. Gus Viola, 138 East Oak, repairs and addition, \$3,000; W. A. Fann, 2 story frame, \$8,-

500; C. C. Henderson, 765 East Anderson, 1 story frame, \$2,000; D. S. Matthews, 1143 East Oak, 1 story frame, \$2,000, and A. T. Peterson, 1610 North Ophir, 1 story frame, \$2,000. Materials are now being purchased.

LODGE HALL—1 story and base, brick and steel, \$70,000. Sacramento, Cal. Architect, Washington J. Miller, 15 Kearny street, S. F. Owners, Sacramento Parlor Native Sons of the Golden West. The building will be erected at the corner of 11th and J streets, covering a large ground area. There will be stores on the first floor and the lodge rooms, ball room and office on the upper three floors. Interior will be finished in pine and hardwood. Plans provide for steam heat, elevator service and a vacuum cleaning system. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures will be called for shortly.

HOTEL—7 story and base, brick and steel. Cost not stated. Chico, Butte Co., Cal. Architect's name not given. Owners, Wendell Miller and F. J. Notelmann, Chico. The building will be erected at the corner of Main and Third streets and will be arranged for a number of stores on the first floor besides the hotel entrance and lobby. Upper floors will contain in the neighborhood of 120 rooms, a large percentage of which will have private baths. Interior will be finished in pine throughout. There will be steam heat, elevator service and a hot water supply. Bath rooms will be finished in tile and will have composition floors. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans will shortly go out for figures.

RESIDENCE—2 story and base, hollow tile, \$20,000. Sacramento, Cal. Architect, E. C. Hemmings, Sacramento. Owner, Dr. W. A. Briggs. The dwelling has been designed for a 12 room house and will be erected on 21st street between T and U streets. There will be three baths and sleeping porches. Interior finish will be of pine and hardwood with hardwood and in-laid floors. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath rooms will have tile floors and wainscot and will be equipped with showers. Exterior of the dwelling will be faced with cement plaster. Plans are complete and figures are being taken.

SCHOOL—2 story and base, brick, \$30,000. Chico, Butte Co., Cal. Architect, Chester Cole, Chico. Owners, Oakdale School District. Revised plans for this building are now complete and figures are being taken. Bids will be opened on June 3rd. Plans and specifications can be secured from the architect.

SCHOOL—1 story and base, brick, \$15,000. Escalon, San Joaquin Co., Cal. Architects, Young & Jeffery, Wolf Bldg., Stockton. Owners, Escalon School District. The building will contain four class rooms and teachers' rooms. Interior finish will be of pine throughout. A central heating system, probably warm air, will be installed. Modern school plumbing will be specified. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

SCHOOL—1 story and base; brick or reinforced concrete, \$20,000. Manteca, San Joaquin Co., Cal. Architects, Young & Jeffery, Wolf Bldg., Stockton. Owners, Manteca School District. Bids opened for this work show W. Baysinger of Manteca low on all three propositions. No action has been taken by the Board of School Trustees. A complete list of the bids will be found under the heading of Sacramento, Stockton and Northern California in this issue.

SEWER SYSTEM—Vitrified clay pipe, \$45,000. Exeter, Tulare Co., Cal. Engineer, City Engineer, Exeter. Owners, City of Exeter. Bonds have been voted for the construction of a new sewer system in Exeter. Construction will be undertaken within a few weeks. Plans and complete particulars can be secured from the City Clerk. Further mention will be made of the work.

MECHANICAL EQUIPMENT—Cost not stated. Reclamation District No. 1001, Yuba Co., Cal. Engineer, Emory Oliver, Forum Bldg., Sacramento. Owners, Reclamation District No. 1001. Plans have been completed and figures will be opened on May 28th for furnishing mechanical equipment for the new pumping plant in District No. 1001. The work will include pumps, motors, switch boards, auxiliary pumps, gates, valves, etc. Complete information will be furnished by the engineer in charge.

STORES AND OFFICES—5 story and base, brick and steel. Cost not stated. Stockton, San Joaquin Co., Cal. Architects, Stone & Wright, 24 South California street, Stockton. Owners, Charles Belding Co. The building will be erected at the corner of Weber and San Joaquin streets and will cover a considerable ground area. There will be a number of stores on the first floor and modern offices on the upper floors. Construction will be semi-fireproof. Interior partition will be of metal lath and plaster. There will be steam heat, elevator service and a hot water supply. Patent store fronts and metal window sash and frames are specified. Exterior of the building will be faced with pressed brick and terra cotta. Plans are now being prepared.

Contracts awarded.

BRIDGE—Steel and concrete, \$7,000. Henderson, Shasta Co., Cal. Engineer, County Surveyor, Redding. Owners, Shasta County. Contractor, M. B. White, Stockton. Contract price, \$6,135.

COURT HOUSE—2 story and base, reinforced concrete, \$90,000. Alturas, Modoc Co., Cal. Architect, F. J. De Longchamps, Reno, Nev. Owners, Modoc County. Contractors, W. N. Concannon Co., Monadnock Bldg., S. F. general construction only. Contract price, \$81,444. Plumbing and heating awarded to Jacob Meyer, Reno, Nev. Contract price, \$7,596.

SCHOOL—2 story and base, reinforced concrete. Cost not stated. Sacramento, Cal. Architects, Shea & Loftquist, Bankers' Investment Bldg., S. F. Owners, City of Sacramento. Contractor, H. S. Williams, Hearst Bldg., S. F. Contract price not stated.

BRIDGE—Steel and concrete, \$49,650. Redding, Shasta Co., Cal. Engineer, City Engineer, Redding. Owners, City of Redding. Contractors,

Chico Construction Co. Contract price, \$49,650. Other bids submitted were as follows: Ross Construction Co., Sacramento, \$57,777; F. Rolandi, San Francisco, \$53,450; W. H. Concannon, San Francisco, \$52,785.

DIVISION DAM, ETC.—Cost not stated. Orland, Glenn Co., Cal. Engineer, United States Reclamation Service, Orland. Owners, United States Government. Contractor, M. Fisher, S. F. Contract price, \$16,388.30.

Open Bids For Manteca School.

Five Sets of Figures Opened for New Building Designed by Architects Young & Jeffery.

MANTECA, San Joaquin Co., Cal.—Bids were opened by the Board of Education at Manteca for the construction of a one-story brick or reinforced concrete school designed by Architects Young & Jeffery of Stockton. Bids were taken for brick, reinforced concrete and hollow tile construction.

W. Baysinger, Manteca, brick, \$17,537 concrete, \$17,537; hollow tile, \$18,880.

Henry Green, Stockton, brick, \$17,980; concrete, \$18,675; hollow tile, \$19,480.

F. Scammon, brick, \$18,493; concrete, \$17,462; hollow tile, \$18,098.

Daly, brick, \$18,890; concrete, \$18,090; hollow tile, \$17,959.

R. Powell, brick, \$18,145; concrete, \$18,000; hollow tile, \$18,301.

An award of contract has not been made.

Award Contract On Alturas Court House.

W. N. Concannon Co. Awarded General Construction and Heating and Plumbing Goes to Meyer.

(By Special Wire.)

ALTURAS, Modoc Co., Cal.—Only three figures were submitted for the construction of the Modoc County Court House under the revised plans of Architect F. J. De Longchamps of Reno, Nevada. The building will be a two-story and basement reinforced concrete structure. A contract for the general construction was awarded to W. N. Concannon, Monadnock Bldg., San Francisco, on his bid of \$81,444. The heating and plumbing was awarded to Jacob Meyer of Reno for \$7,596. A complete list of the bids follow:

Alturas County Court House,

C. G. Sellman.....\$82,970

W. N. Concannon.....81,444

Williams Bros & Henderson 90,000

Plumbing and Heating,

Jacob Meyer.....\$7,596

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

CITRUS HEIGHTS, 104 Tract No. 5, Sacramento. Erect house.

Owner.....W. M. Berry.

Architect.....None.

Contractor..Dillard & Kennedy.

Filed May 20, '14. Dated May 6, '14.

COST, \$2340

S 45 FT. LOT 5, M. N. 2ND AND 3RD STs., Sacramento. Two-story frame and addition to brick lodging house. Owner.....John M. Teicheiro, 315 K St. (rear), Sacramento.

Architect.....None.

Contractor..Chas. A. Vanina, 2022 M St., Sacramento.

COST, \$3300

W 1/2 LOT 3, C. D. 23RD AND 24TH STS Sacramento. One-story frame dwlg.

Owner.....O. Buckins, 2008 D St., Sacramento.

Architect.....None.

Contractor..E. G. Johnson, 626 16th St., Sacramento.

COST, \$2960

W 50 FT. OF E 272.08 FT. OF S 80 FT. OF N 180 Ft. Bk 3, 2-21 acres M. J. Dillman, Sacramento. Move dwelling and remodel interior.

Owner.....Wm. Chapin, 4008 Magnolia Ave., Sacramento.

Architect.....None.

Contractor..W. C. Cuel, 3212 3rd St., Sacramento.

COST, \$950

S 1/2 OF N 1/2 OF LOT 5, M. N. 26TH and 27th Sts., Sacramento. Two-story apartment house (4 apartments)

Owner.....E. M. and A. S. Brogan, 811 23rd St., Sacramento.

Architect.....None.

Contractor..G. E. Harvie, 2212 T St., Sacramento.

COST, \$5600

E 20 FT. OF S 1/2 LOT 1, K. L. 8TH & 9th Sts., No. 806 K St., Sacramento.

Make barber shop on mezzanine floor

Owner.....P. J. O'Brien, Premises.

Architect.....None.

Contractor..W. M. Kennedy, 3350 Orange Ave., Sacramento.

COST, \$106

E 1/2 LOT 1, N. O. 22ND AND 23RD STS., No. 2294 N St., Sacramento. One-story frame barn.

Owner.....W. J. Pendergast, Premises

Architect.....None.

Contractor..C. W. Strathmire, 1820 10th St., Sacramento.

COST, \$100

LOT 17 MIER & SOWELL HIGH School Tract, S. T. 23rd and 24th Sts., No. 2325 1 St., Sacramento. One-story five-room frame dwelling.

Owner.....Samuel James, 1108 H St. (rear), Sacramento.

Architect.....None.

Contractor..C. H. Chatterton Bros, 3126 T St., Sacramento.

COST, \$2500

E 1/2 LOT 2, U. V. 25TH AND 26TH STS., No. 2516 V St., Sacramento. Two-story frame dwelling.

Owner.....B. F. Colton, 1319 13th St., Sacramento.

Architect.....None.

Contractor..C. A. Gray, 2833 I St., Sacramento.

COST, \$4800

LOT 38 TRESCH TRACT, Sacramento. One-story frame dwelling.

Owner.....J. Tresch, 2231 Orange Ave Sacramento.

Architect.....None.

Contractor...W. Grant, 3231 Orange Ave., Sacramento.
COST, \$1000

LOT 185 WEST CURTIS OAKS ADD'N., Sacramento. One-story 6-room frame dwelling.

Owner.....John McCarty, 2633 First St., Sacramento.

Architect...None.

Contractor...E. A. Pierce, Forum Bldg., Sacramento.

COST, \$3200

LOT 1, O. P. 19TH AND 20TH STS., No. 1515 19th St., Sacramento. Frame tenement House (4 apartments).

Owner.....Anthony A. Restano, 1511 19th St., Sacramento.

Architect...None.

Contractor...E. W. Book, 2912 G St., Sacramento.

COST, \$

PALMETTO AND LOWER STOCKTON Road, Sacramento. One-story frame auditorium.

Owner.....Sacramento Orphanage & Farm Ass'n, Premises.

Architect...None.

Contractor...Frank P. Williams, 523 Ochsner Bldg., Sacramento.

COST, \$6000

LOT 118 CASA LOMA TERRACE 3109 E. Sacramento. One-story 6-room frame dwelling.

Owner.....James Barnes, 926 28th St., Sacramento.

Architect...None.

Contractor...W. D. McKay, 3109 E St., Sacramento.

COST, \$2750

W ½ LOT 6, R. S. 28TH AND 29TH STS., No. 2917 S St., Sacramento. Two story frame dwelling.

Owner.....E. H. Sloman, Cor 28th and M Sts., Sacramento.

Architect...None.

Contractor...G. B. Stahl, Coloma Heights.

COST, \$1000

N ¼ LOT 1, I. J. 2ND, 3RD STS., Nos. 204-206 1 St., Sacramento. Store front on building.

Owner.....John Rasmussen et al, Mote Vista.

Architect...None.

Contractor...D. S. Stafford, 1408 T St., Sacramento.

COST, \$975

E 20 FEET OF E ½ LOT 3, L. M. 5TH AND 6th STS., No. 522 L St., Sacramento. Addition to pr sent building

Owner.....E. Shewlin, 1608 7th St., Sacramento.

Architect...None.

Contractor...C. C. Finnigan, 618 L St., Sacramento.

COST, \$600

N ¼ LOT 5, V. W. 3RD AND 4TH STS., No. 2216 4th St., Sacramento. One-story frame dwelling.

Owner.....Frank L. Tina, 416 T St., Sacramento.

Architect...None.

Contractor...C. Valline, 2417 15th St., Sacramento.

COST, \$1500

S 70 FT. LOT 16 BLK 9, South Sacramento. One-story frame dwelling.

Owner.....Paul Leriche, Colonial

Heights, Sacramento.
Architect...None.
Contractor...C. Valline, 2417 15th St., Sacramento.
COST, \$1200

LOT 1, K. L. 9TH AND 10TH STS., No. 1107 9th St., Sacramento. Four-story reinforced concrete addition to office building making 10 stories.

Owner.....C. I. Mathews and R. A. Herold, Premises.

Architect...R. A. Herold, Forum Bldg., Sacramento.

Contractor...C. J. Mathews, 1107 9th St., Sacramento.

COST, \$125,000

U. V. 11TH AND 12TH STS., bet 11th and 12th Sts., Sacramento. Excavations, filling, etc., plain and reinforced concrete and cement, etc., for two-story reinforced concrete Grammar School.

Owner.....Board of Education of the Sacramento School District.

Architect...Shea & Lofquist, Examiner Bldg., San Francisco.

Contractor...H. S. Williams, Examiner Bldg., San Francisco.

Filed May 16, '14. Dated May 15, '14.

COST, \$188,913

S ½ OF N ½ LOT 5, M. N. 26TH AND 27th Sts., Sacramento. Masonry, carpentry, etc., for two-story flats.

Owner.....Eva M. and Annie E. Brogan, 815 23rd, Sacramento.

Architect...None.

Contractor...G. E. Harvie, 2212 T St., Sacramento.

Filed May 19, '14. Dated May 18, '14.

COST, \$3600

S 50 FEET LOT 1 AND S 50 FEET OF W 40 feet Lot 2, I. J. 12th and 13th Sts., No. 915 12th St., Sacramento. Frame office and shed.

Owner.....S. P. Comstock, 1629 G St., Sacramento.

Architect...None.

Contractor...C. A. Grey, 2836 I St., Sacramento.

COST, 575

W 37½ LOTS 7 AND 8 BLK 33, South Sacramento Oak Park, Sacramento. One-story frame dwelling.

Owner.....Wilson C. Carter, 3710½ Cypress Ave., Sacramento.

Architect...Wilson C. Carter.

Day's work.

COST, \$950

W ½ LOT 3 BLK hded by 13th and 14th S and T Sts., No. 1316 S St., Sacramento. One-story five-room frame dwelling.

Owner.....Mrs. M. Muluvius, 1518 17th St., Sacramento.

Architect...None.

Contractor...A. Miller, 3205 3rd St., Sacramento.

COST, \$1800

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

S ½ LOTS 10 AND 12 BLK 58 W OF Center St., Stockton. All work for two-story frame building (2 flats and store 50x50).

Owner.....Frank B. Briare, 227 W. Poplar St., Stockton.

Architect...Joseph Lasekann, 79 San Joaquin Bldg., Stockton.

Contractor...Chas. E. Rose, 218 South

American St., Stockton.
Filed May 13, '14. Dated May 12, '14.
Foundation completed and frame work up\$1000
Building enclosed 1000
Plastering completed 1000
Inside finish completed 1000
Building completed 1541
TOTAL COST, \$5541

Bond, \$2800. Sureties, C. Totten and F. W. Winstler. Limit, 65 days. Forfeit, \$3. Plans and specifications filed.

LOT 10 BLK 64 S M C. Stockton. Erect frame building.

Owner.....Henry Boddling.

Architect...None.

Day's work.

COST, \$1200

LOT 13 BLK 61 W. St. Ckton. Erect frame building.

Owner.....W. A. Fann.

Architect...None.

Day's work.

COST, \$8500

LOT 2 BLK 123 E. Stockton. Remodel frame building.

Owner.....Mr. and Mrs. Gus Viola, 738 E-Oak St., Stockton.

Architect...None.

Day's work.

COST, \$3000

NO. 10½ W-WEBER AVE., Stockton. Remodel brick building.

Owner.....Nelle C. Carroll and Annie B. Nash.

Architect...None.

Day's work.

COST, \$994

LOT 14 BLK 94 W. Stockton. Erect frame building.

Owner.....Joseph Reine, 1422 N-Van Buren, Stockton.

Architect...None.

Day's work.

COST, \$2000

LOT 21 BLK 10, THE OAKS, Stockton. Frame building.

Owner.....Lina Silber.

Architect...None.

Day's work.

COST, \$2600

LOT 11 BLK "D," E Stockton. Remodel frame building.

Owner.....Western Pacific Railway Co., Main & Union, Stockton.

Architect...Engineering Dept. Western Pacific, Stockton.

Day's work.

COST, \$300

LOT 8 BLK 6, The Oaks, Stockton. Erect frame building.

Owner.....A. T. Peterson, 1040 North Ophir St., Stockton.

Architect...None.

Day's work.

COST, \$2000

LOTS 10 AND 12 BLK 45 E. Stockton. Erect corrugated iron building.

Owner.....Holt Mfg. Co., Church and Aurora Sts., Stockton.

Architect...Engineering Office.

Contractor...A. L. Healy, 527 E-Anderson St., Stockton.

COST, \$2000

LOT 7 BLK 14, THE OAKS, Stockton. Erect frame building.

Owner.....C. C. Henderson, 705 E-Anderson, Stockton.

Architect...None.

Day's work.

COST, \$2000

NO. 202 E-MARKET, Stockton. Remodel interior of brick building.

Owner.....Valley Creamery Co., 202

E-Market St., Stockton.
 Architect...None.
 Day's work. COST, \$500

LOT 1 BLK 261 E. Stockton. Two-story brick building.
 Owner.....Louise Corradini.
 Architect...None.
 Day's work. COST, \$3200

S 60 OF LOTS 1 AND 3 BLK 56 E. Stockton. Remodel frame building.
 Owner.....Wm. Bennett, 215 E-Vine, Stockton.
 Architect...None.
 Day's work. COST, \$500

N ½ LOTS 10 AND 12 BLK 131 E. Stockton. Remodel brick building.
 Owner.....Sadie E. Gavin, '013 N-San Joaquin St., Stockton.
 Architect...None.
 Day's work. COST, ?

LOT 19 BLK 12, THE OAKS, Stockton. Erect frame building.
 Owner.....D. S. Matthews, 1143 E-Oak St., Stockton.
 Architect...R. P. Morrell, 12-15 I. O. O. F. Bldg., Stockton.
 Day's work. COST, \$2800

LOTS 2, 4, 6 BLK 70 E. Stockton. Remodel brick building.
 Owner.....Mrs. Maria Hubbard, 845 N-Eldorado, Stockton.
 Architect...Walter King, 309 Elks' Bldg., Stockton.
 Day's work. COST, \$3000

NW SUTTER AND MAIN, Stockton. All excavating, foundation and basement construction for ten-story and basement bank and office building.
 Owner.....Commercial & Savings Bank, 320 E-Main St., Stockton.

Architect...L. B. Dutton, Chronicle Bldg., San Francisco.
 Contractor...A. P. Brady, Humboldt Bank Bldg., San Francisco.
 Filed May 16, '14. Dated May 13, '14.
 On list of each month..... 75%
 Usual 35 days..... Balance
 TOTAL COST, \$19,345
 Bond, \$10,000. Surety, Aetna Accident & Liability Co. Limit, June 15. Forfeit, none. Plans and specifications filed.

LOTS 10 AND 12 BLK 7, W. of Center St., Stockton. All work for three-story brick stores and rooms.
 Owner.....G. Campodonico and L. Oneto, 248 W-Park St., Stockton.
 Architect...W. B. Thomas, Yosemite Bldg., Stockton.
 Contractor...Daniels & Green, 623 West Park St., Stockton.
 Filed May 14, '14. Dated May 13, '14.
 2nd floor joists on.....\$5875
 Building ready for plastering..... 5875
 Building completed..... 5875
 Usual 35 days..... 5875
 TOTAL COST, \$23,000
 Bond, limit, forfeit, none. Plans and specifications filed.

LOTS 25, 27, 29 AND 31 BLK 1, Jackson Addition to Stockton. All work for one-story frame dance hall.
 Owner.....Stockton Amusement Co.
 Architect...Walter King, 309 Elks' Bldg., Stockton.
 Contractor...Arthur Paulson.
 Filed May 19, '14. Dated May 14, '14.
 Frame up.....\$1500

All work completed..... 1657
 Usual 35 days..... 1657
 TOTAL COST, \$1210
 Bond, \$2105. Sureties, George Smith and Walter Herson. Limit, none. Forfeit, \$15. Plans and specifications filed.

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
 May 15, 1914—E ½ LOT 4, M. N. 2ND and 3rd; SW 3rd and M. No. 230 M Street, Sacramento. Mrs. Hattie Isaacs to H Enkoji. May 11, 1914

LIENS FILED.

SACRAMENTO COUNTY.

RECORDED AMOUNT
 May 14, 1914—LOT 7 OF HILLSIDE Terrace, Sacramento. Sacramento Bldg Block Co vs Harry B Holmes.....\$46.58
 May 14, 1914—LOT 26 HILLSIDE Terrace, Sacramento. Sacramento Bldg Block Co vs Harry B Holmes.....\$80.55

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
 May 19, 1914—E ½ OF W ½ AND W ½ OF E ½ Lot 2, M. N. 3rd and 4th Sts., Sacramento. William H Moll to Gene Pendergast. May 15, 1914

LOS ANGELES AND SOUTHERN CALIFORNIA.

CLUB HOUSE—1 and 2 story, reinforced concrete, \$200,000. San Pedro, Los Angeles Co., Cal. Architect, Howard Shaw, Chicago, associated with Myron Hunt, Hibernian Bldg., L. A. Owners, Palos Verdes Syndicate. The building will be erected on Portuguese Bend north of San Pedro, and has been designed in the Mission style. There will be a large lobby, living room, main and private dining rooms, card rooms, reading and lounging rooms and in the neighborhood of 150 guest rooms, all of which will have private baths. Interior finish will be of pine and hardwood. There will be steam heat and a hot water system. A large open air plunge 60 by 120 feet will also be installed. Exterior of the building will be faced with cement plaster with a red clay tile roof. Plans are now being prepared.

HOTEL—1 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, Western Building Co., Lankershim Bldg., L. A. Owner, G. A. Thiele. The building will be erected on Wall street, having a frontage of 50 feet and a depth of 113 feet. There will be several stores and 76 rooms. Nearly all rooms will have private baths. Plans provide for steam heat and elevator service and a hot water supply. Bath rooms will have tile wainscot and composition floors. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken on subcontracts and materials.

HOTEL—4 story and base, brick and steel. Cost not stated. Los Angeles,

Cal. Architects, Walker & Vawter, Hibernian Bldg., L. A. Owner, D. F. Hill. The building will be erected at the northwest corner of Sixth and Wall streets, covering an area of 79 by 120 feet. Plans show four stores on the first floor besides the hotel entrance and lobby. Upper three floors will contain a total of 110 rooms and 40 baths. Interior will be finished in pine throughout. There will be steam heat, a hot water system and elevator service. Bath rooms will have tile wainscot and composition floors. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and a contract will be awarded on the percentage basis.

MEDICAL COLLEGE—2 story and base, brick and frame, \$25,000. Los Angeles, Cal. Architect, Harrison Albright, Laughlin Bldg., L. A. Owner, Dr. Carl Schultz. The building will be erected on 17th street near Magnolia avenue, covering an area of 50 by 150 feet, and will be used temporarily while a larger institution is being constructed. The first floor will be arranged for class rooms and clinic. Upper floors will contain treatment rooms, equipped with all modern appliances. Interior finish will be of pine and tile. There will be steam heat and a hot water system. Exterior of the building will be faced with cement plaster. Plans are being prepared.

SCHOOL—1 story and base, brick, \$10,000. Tustin, Orange Co., Cal. Architects, Elwing & Tedford, Trust and Savings Bldg., L. A. Owners, Tustin School District. The building will cover a ground area of 198 by 136 feet, and will contain ten class rooms, manual training and domestic science departments, library and principal's office. Interior will be finished in pine with maple floors in the class rooms. There will be a central heating system and modern ventilation. Exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for about June 1.

PORTLAND AND OREGON.

FACTORY—1 story and base, brick, \$90,000. Portland, Ore. Architects, McNaughton & Raymond. Title and Trust Bldg., Portland. Owner, Oscar Heintz. The building will be erected on the East Side, covering an area of 100 by 200 feet. Interior finish will be of pine. Plans provide for two large freight elevators, automatic sprinklers, metal window sash and frames and fireproof doors. Exterior will be faced with stock brick. Plans are complete and figures will be called for shortly.

Contracts Awarded.

HOTEL—2 story and base, brick and concrete, \$25,000. Sutherlin, Ore. Architect, Earl A. Roberts, Selling Bldg., Portland. Owner, F. B. Waite. Contractor, A. E. Shiria, Sutherlin. Contract price, \$25,000.

SEATTLE AND WASHINGTON.

Contracts Awarded.

WAREHOUSES—2, 1 story, frame and concrete, \$105,147. Seattle, Wash. Architect, Port of Seattle Commission, Seattle. Owners, City of Seattle, Contractors, Dow & Ryden, Melhorn Bldg., Seattle. Contract price, \$105,147.

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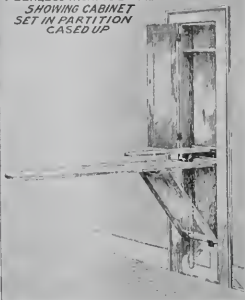
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 Wm. Burham, President.

Atlas Heating &
 Ventilating Co.

Burham Plumb-
 ing Co.

Collins, T. M.
 Central Elec. Co.

Dabziel, Robt. Jr.
 Eng. Eng. Co.

Gilley-Schmid Co.
 Levy, M.

O'Mara, J. E.
 Decatur Elec. Co.

Petersen, James
 Simmons Eng. Co.

Sutton, C. J. G.
 Turner Co.

The Walsh, F. P.
 W. H. Johnson Co.

William, Lyman & Williams, E. D.

Official Roster of Stockholders & Members General Contractors' Association.

Phone Suter 3580

110 JESSIE ST.

President, Chas. Wright. Treasurer, Chas. W. Gompertz.
Vice-Pres., A. H. Bergstrom. Secretary, Wm. E. Hague.

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Bergstrom, A. H.
F. Grant
Ginley, Edward
Gompertz, Chas. W.
Floor Manager
Geo. A. MaasLansing, Frank P.
Linder, Wm.
Lindgren, A. F.
McLeran, Ralph
Bookkeeper
C. S. Dorrel

MEMBERS.

General Contractors

(Stockholders)

Ackerson & Son,

O. B.

Anaweg, Fred J.

Armstrong & Co.,

W. W.

Beach & Heffer-

nan.

Beck, John E.

Beetham, A. H.

Berggren & Son,

Louis G.

Biller, John C.

Bleeth, E. C.

Blumaxe & Co.

Born

Bosworth, P. H.

Boyd & Kerr

Brandt & Stevens

Greenwood Bros.

Brutcher & Serna

Caine, Theo. W.

Caldwell & Co.

Carlson, Elmer

Casty, John

Cavanagh & Vezl-

man

Conroy, J. W.

Cole, P. J.

Collman & Coll-

man

Commy - Peterson

Co. (Inc.)

Cox Brothers

Cramer, O. A.

Day's Sons, T. H.

Farquharson, D. E.

Foe, Grant

Ferreille Co.

Finlayson, M. M.

Flaherty & Ogile

Fletcher, James P.

Ginley, Ed.

Glaze, Robert

Gleson, James

Hansen, C. W.

Hampden & Son,

Wm. C.

Hamilton, Peter

Hansen, C. W.

Harsom, J. J.

Heaving, George

Healy Tibbitts

Constr. Co.

Heaphy, J. J.

Heckenroth &

Schell

Hennings, Adolf

Henning, W. H.

Hill, J. A.

Holt, C.

Johnson, J. Eric

Johnson, Joel

Jones, Fred C.

K. F. J.

Klve, Harvey A.

Koenig, C. J. U.

Koenig, L. B. G.

Kos, S. B.

Kuxkendall, J. O.

Lange & Berg

Lansing, Frank P.
Linder, Wm.
Lindgren, A. F.
McLeran, Ralph
Bookkeeper
C. S. Dorrel

MEMBERS.

Moore & Morlin-

gane

McLaughlin, Jas. L.

McLeran & Peter-

son

Monk, J.

Monson Bros.

Munster & Born-

holdt

Neal, Joseph

Neidick, Frank

Newsom, World

& Kohn

Nielsen, N. F.

O'Brien, J. J.

Olson, Andrew

Owlsley, Burt T.

Peterson, W. O.

Peterson & Per-

son

Prait, J. J.

Quinn, F. E.

Ramsen Concrete

Co.

Reid, W. W.

Reese & R. W.

Reite, J. B.

Rickon, Fred, J. H.

Rolandi, F.

Sauer, Adin

Saywell, Sylvester

Schulz, J. F.

Sjogren Brothers

Siller Brothers

Spiehl, P. F.

Stockholm & Al-

lyn

Strehlow, Freese

& Peterson.

Taylor & Goerlicke

Terral, W. A. &

C.

Tessmer, H. A.

Thurston & Co.

E. T.

Trost, Robert

Van Sant-Hough-

ton Company

Wagner, G. H.

Ward & Goodwin

Wendling, J. S.

Witzberger J. C.

Williams Bros.

Henderson

Wright, Chas.

"Honorary Mem.

Architectural Iron

Works

Acme Iron and

Wire Works

Baker Iron Works

Barker Wire &

Iron Works

Barnkopf &

Sons

Classer & Kloeres

Hillard & Co., C.

Kell Iron Works

Kevstone Orn.

Iron & Bronze

Kos, S. B.

Lenthall & Co., M

Monarch Iron

Thurston, E. T.
Walker, Geo. H.
Wright, Chas.
Clerk
E. A. McCallum

MEMBERS.

Beau Co.

Beckman Brick

Steiger Terra Cot-

to Co.

Vaeje Brick and

Tile Co.

Art Ceilings.

Berger Mfg. Co.

Tile Co.

Art Glass.

Grosslicht & Din-

nigene

Niedick, Frank

Newsom, World

& Kohn

Nielsen, N. F.

O'Brien, J. J.

Olson, Andrew

Owlsley, Burt T.

Peterson, W. O.

Peterson & Per-

son

Prait, J. J.

Quinn, F. E.

Ramsen Concrete

Co.

Reid, W. W.

Reese & R. W.

Reite, J. B.

Rickon, Fred, J. H.

Rolandi, F.

Sauer, Adin

Saywell, Sylvester

Schulz, J. F.

Sjogren Brothers

Siller Brothers

Spiehl, P. F.

Stockholm & Al-

lyn

Strehlow, Freese

& Peterson.

Taylor & Goerlicke

Terral, W. A. &

C.

Tessmer, H. A.

Thurston & Co.

E. T.

Trost, Robert

Van Sant-Hough-

ton Company

Wagner, G. H.

Ward & Goodwin

Wendling, J. S.

Witzberger J. C.

Williams Bros.

Henderson

Wright, Chas.

"Honorary Mem.

Architectural Iron

Works

Acme Iron and

Wire Works

Baker Iron Works

Barker Wire &

Iron Works

Barnkopf &

Sons

Classer & Kloeres

Hillard & Co., C.

Kell Iron Works

Kevstone Orn.

Iron & Bronze

Kos, S. B.

Haben, James
Johnson, J. W.
Koberling, Jos.
Kolden, Ed. F.
McWhirter, W. J.
Mealey & Collins
Millerick, Phil. J.
O'Brien, Chas.
O'Rourke, T. F.
Reed & White
Thinzberg, John
Watson Bros.
Whitney & Davies

Brick Dealers.

Bay Develop. Co.

Cal. Pottery Co.

Carnegie Brick &

Pottery Co.

City Supply Co.

Clark & Sons, N.

Diamond Brick Co.

Till Co.

Gladding & Mc-

Bean Co.

Golden Gate Brick

Co.

McNear Brick

Agency

Steiger Terra Cot-

to Co.

Watson Bros.

Western Develop-

ment Syndicate

Western Lime &

Cement Co.

Cement Co.

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Cement Co.

Western Asbestos
Magnesia Co.
Western Builders'
Supply Co.
Western Develop-
ment Syndicate.
Western Lime &
Cement Co.
Whitaker & Coburn
Reed & White
Woods & Had-
dard

Cement Dealers.

Algetinger, E.

Alsen's Portland

Cement Co.

City Supply Co.

Cowan, Lime &

Cement Co.

Dwan & Co., J. E.

Herrin & Co., J. S.

Holland, J. F.

Lennon Co., J. E.

Lilly & Thurston

Co.

Meyer, Adolph

Pacific Portland

Cement Co.

Standard Portland

Cement Co.

Waterhouse &

Price Co.

Western Lime &

Cement Co.

Cement Co.

Cement Co.

Cement Co.

Cement Co.

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Cement Co.

Cement Co.

Ferguson, W. H.
Horwege H. J.
Miser, E. J.
Priddle, Milton

Wood Lumber Co.
E. K.

Floors, Composition.

Artolth Mfg. Co.
Bender R.&P. Co.
J. W.
Dunn Co., J. E.
Fibresone &
Roofing Co.
Flaherty R. & P.
Co., R. H.
Malott & Peterson
Goodman, A. K.
Watsonite Co.

Floors, Hardwood
Hardwood Int. Co.
Inland Floor Co.
Pac. Floor Sand-
ing Co.

Galvanized Iron.
Baker & Hamilton
Berger Mfg. Co.

Gas Fixtures.
Day Co., Thomas
Gas Heating Sys-
tem

Reactor System
Gas Heating Co.

Gasoline Tanks &
Pumps

Glass & Glazing.
Cal. Plate & Win-
dow Glass Co.
Cohen, I.
Fuller Co., W. P.

Grosslight & Din-
lene
Habenicht &
Howlett

Monarch Plate &
Window Glass Co.
Pioneer Plate &
Window Glass Co.

Schwarz & Gott-
lieb
United Glass Works
(Inc.)

Grading.

Brackley, J. P.
Buttlin, L. V.
Carlin Bros.
Cassaretto, John
Devincenzi & Co., L.

Dillon Teaming Co.
Georgi Co., G.
Hixnet, J. D.
Holland, J. P.

Lennon Co., J. E.
Leffler, Fred
McGlinchey &
Monahan

Montague Co., P.
O'Day Co., Dan'l
O'Donnell, Philip
Pico, Edw. F.

Powers, Chas. J.
Rehman & Woods
Schmid, A.
Shibley Grading &
Teaming Co.

Stanton Co., C. J. H.
Wright Co., J. H.

Granite Curbing.
Gram Granite Co.
Lead Granite Co., W.

Pacific Granite Co.
Placer Granite Co.

Gravel.
Bay Devel. Co.
Cal. Building Ma-
terial Co.

Cassaretto, John
City Supply
Eaton Co., Crushed
Rock Co.

Star Contracting
Company
Stone Co., E. B. &
A. L.

Hardwood Deal-
ers.
Inland Floor Co.
Hardwood Inter-
ior Co.

Limbs & Plaster

Dealers.
Arden Plaster Co.
Cal. Lime & Hy-
drate Co.

Cowell Lime &
Cement Co.
Guerita & Co., J. S.
Holland, J. F.

Lennon Co., J. E.
Pacific Portland
Cement Co.
Western Lime &
Cement Co.

Lumber Dealers.

Acme Lumber Co.
Christenson Lum-
ber Co.
Columbia Lumber
Co.

Doe Co., Frank F.
Hart-Wood Lum-
ber Co.
Hauptman Lum-
ber Co.

Kruse Co., J. H.
Hooper Lumber Co.
Higgins Lumber
Co.

Loop Lumber Co.
MacDonald Lum-
ber Co.
Fred W.
Turner Co., The

Houses Mavris &
Raisers.
Hatch, H. L.
Pearson, N. H.

Sullivan D. J. & T.
Inland Floors.
Hartwood Inter-
rior Co.

Inland Floor Co.
Pac. Floor Sand-
ing Co.

Iron Foundry.
Enterprise Found-
ry Co.
Steiger & Kerr,
Stove & Found-
ry Co.

Iron & Steel.
Baker & Hamil-
ton
Dutton & Noyes
Judson Mfg. Co.

Pacific Coast Steel
Company.
Portland Concrete
Steel Company,
Woods & Huddart

Iron Works.
Brode Iron Wks.
Dyer Bros.
Eureka Wire &
Iron Wks.

Glasser & Kloeres
Golden Gate Iron
Works
Hillard Co., C. J.

Kell Iron Works
Michel & Pfeffer
Monarch Iron
Works

Ralston Iron
Works
S. F. Iron Works
Sartorius Co.

Schraeder's Iron
Works
Security Iron &
Works

Steiger & Kerr
Stove & Found-
ry Co.
Vulcan Iron Wks.

West Coast Wire
& Iron Works
Western Iron
Works

Zenith Iron Wks.
Jolt Hangers &
J. P. Chappin
Kortick & Falls
Mfg. Co.

Lilley & Thurst-
on
Roman Co., C.
Waterhouse &
Price Co.

Western Bldgs.
Supply Co.
Lathers, Wood &
Metal.

Balzke, Robt.
Edwards, C. H.
Hayden, Fred
Lynch, Richard
McAbee, E. T.

Raymond, Wm. H.
Snell & Dennis
Ward, J. E.

Limbs & Plaster
Dealers.
Arden Plaster Co.
Cal. Lime & Hy-
drate Co.
Cowell Lime &
Cement Co.

Guerita & Co., J. S.
Holland, J. F.
Lennon Co., J. E.
Pacific Portland
Cement Co.

Western Lime &
Cement Co.

Lumber Dealers.
Acme Lumber Co.
Christenson Lum-
ber Co.

Columbia Lumber
Co.
Doe Co., Frank F.

Hart-Wood Lum-
ber Co.
Hauptman Lum-
ber Co.

Kruse Co., J. H.
Hooper Lumber Co.
Higgins Lumber
Co.

Loop Lumber Co.
MacDonald Lum-
ber Co.

Fred W.
Turner Co., The

Houses Mavris &
Raisers.
Hatch, H. L.

Pearson, N. H.
Sullivan D. J. & T.
Inland Floors.

Hartwood Inter-
rior Co.
Inland Floor Co.

Pac. Floor Sand-
ing Co.

Iron Foundry.
Enterprise Found-
ry Co.

Steiger & Kerr,
Stove & Found-
ry Co.

Iron & Steel.
Baker & Hamil-
ton

Dutton & Noyes
Judson Mfg. Co.

Pacific Coast Steel
Company.

Portland Concrete
Steel Company,
Woods & Huddart

Iron Works.
Brode Iron Wks.

Dyer Bros.
Eureka Wire &
Iron Wks.

Glasser & Kloeres
Golden Gate Iron
Works

Hillard Co., C. J.
Kell Iron Works
Michel & Pfeffer

Monarch Iron
Works
Ralston Iron

Works
S. F. Iron Works
Sartorius Co.

Metal Stomping
S. P. Metal Stamp-
ing & Corr. Co.
Oils and Greases.
Hatch, J. A.
Standish, Joe.
Ornamental Plas-
tering.
Benkman, Ed. G.
Binner, Furport.
Larson, O. J.
Lipp & Co., J. P.

Painters and Dec-
orators.
Baker Co., W. T.
Bernick, Wm.
Blum, Louis
Brock & James
Burns Bros.

Clark & Dickson
Cramer Bros.
Connor, E. W.
Cotton, W. J.
Dant, T. H.

Dodovans, W. J.
Erickson, V. N.
Hart, W. C.
Lewis, S.
Miller, I.

McCobbin, James
Manning, John
Neal, L. J.
Quand, C.
Ruderman, J.

Schaffsbury, Ben.
Scheller, Wm.
Simms, Wm.
Smith, J. B.
Sovig, C. S.

Spark & Sons
John H.
Swanson, Peter
Walker, Mayer

Wagner, Herman
Wagner Bros.
Zellinsky, R.

Paints, Oil Var-
nishes, Etc.
Clark & Dickson
Cohn & Co., Mar-
low

Fuller Co., W. P.
O'Brien, J. S.
Paraffin Paint Co.
Pratt & Lambert

Whittier - Coburn
Co.
Paint, Chalmers
Clawson Co.

Dresser - M. D.
Hughes, H. J.
Dunlevy & G.

Pile Driving.
Lambuth, C. E.

Paving Brick.
Cal Brick Co.

Planning Mills.
Anderson Bros.
Atlas Planing
Mill Co.

Birth Co., L. H.
Builders' Supply
Depot
Cal. Door Co.

Cal. Planing Mill
Emanuel, L. & E.
(Inc.)
Empire Planing

Hermann, A.
Herrling's Mill
Holding, L. D.

Lorden Mill Co.
J. P.
Main St. Planing
Moore Mill & Lum-
ber Co.

Premiss Planing
Reinhart Lumber
& Planing Mill
Ryan, George

San Mateo Plan-
ing Mill
Santa Clara Val-
ley Mill & Lum-
ber Co.

Spanner St. Plan-
ing Mill
Taylor Co.
Young Mfg. Co.

Western Planing
Co.
Veeble & Collins
Yates, Wm. F.

Plasterers.
Bosch, Herman
Bradley & O'Reilly
Brannan, James
Burt, Chas. J.

Campbell, Chas.
Cashman, M. J.
Chambers, H. A.
(Inc.)
Fay, John
Greenick, Joe.
Connell Co., J. E.
Daly, J. H.

Duthie, Chas.
Fraser, Simon
Fry, A.
Gilmour, W. G.
Jacobson, N.

Knowles, A.
Leaf & Kaiser
Lyden & Bickel
Macdon, C. Co.

Nowat Donald
Orford, J. A.
Philbin, T. J.
Sexton, T. D.
Tetranova, M. J.

The Pacific Plas-
tering Co.
Wagner James A.

Plumbing and Gas
Fitting.
Ahlbach & Mayer
Alton, Thom. W.

Bosch Bros.
Bernard, Geo. F.
Condon & Band
Dunn, Nell H.

Empire Plumbing
Co.
Goss, Wm. P.
Grondona, A.

Houston, J. J.
Kara, F. E.
Kierman & O'Brien
Kirschbaum, W. F.

Lacey Bros.
Lauder, H. I.
Lawson, Herman
Lettich Bros.

Levy Plumbing
Co., M.
Lonely Co., J.
May, Gus

McNeill, Leo. J.
McLeod, J. J.
Penkerton, J. H.
Perash, H. J.

Skelly, Thomas
Shears, John
S. H. & Co.
Stewart, James E.

Turner Co., The
Weitzel, Theo.
Wilson & Co. W.

Plumbers Supplies.
Mark-Lally Co.
Nelson Mfg. Co.

Railroad Agent.
Freight & Pas-
senger.
Kent, James B.

Railway Materials.
Langford, Felts &
Myers.

Orenstein - Ar-
thur Koppel Co.
Rigging.
Lambuth, C. E.

Markley, James E.

Roofing, Gravel &
Composition.
Bender Roofing &
Paving Co.

Cal. Roofing Co.
Cantley & Co., J.
Enterprise Roof-
ing Co.

Fibresone &
Roofing Co.
Flaherty, R. H.
Goodman, A. K.

Larkin Asphalt
Co.
Lawson Roofing
Co.

Lovett Bros.
Malott & Peterson
Parry & Co., H. M.
Raphel Roofing
Co.

Samuel Co., H. D.
Thibbets Roofing
Co.
Watsonite Co.

Roofing Materials.
Bird & Son, F. W.
Johns - Mayville
Co., H. W.
Paraffine Paint Co.
Waterhouse &
Price
Western Asbestos
Magnessa Co.

Western Builders'
Supply Co.
Whittier - Coburn
Co.

Snow, Gravel, Etc.
Bay Develop. Co.
Cal. Building Ma-
terial Co.

Holland, J. P.
McMullen Bros.
Storr, Co., E. B. &
L.

Western Building
Material Co.
Western Develop-
ment Syndicate.

Sanitary Garbage
Brid & Sons.
Bill & Jacobsen
Sand Blasting.
McErmot, W.

Sheet Metal Wks.
Appman
Cornice
Works
Atlas Heating &
Ventilating Wks.

Barth
Cornice
Works
Capitol Sheet
Metal Works

Comyns & Nygren
Cornice
Works
Forderer Cornice
Works

G. & M. S. & S.
Metal Works.
Gulffoy Cornice
Hinterland Sheet
Metal Works

Hughes, H. J.
Hurebelle Bros.
Hutcheon, S. W.
Korrell & Co., J. A.

Modern Sheet Metal
Works
Morrison &
S. F. Metal Stamp-
ing & Corr. Co.

U. S. Metal & Metal
Products Co.
Western Furnace
& Cornice Co.

Sidewalk Lights.
Jackson Co., P. H.
Owan & Co., J. E.
McGulgan & Co.,
John

Phoenix Sidewalk
Light Co.
Waterhouse &
Price

Stair Builders.
Elshop & Perraino
Boiler, John
Jacobson, J.

Ideas, E. Wm.
Porter, W. F.
Stewart, J. K.

Stallaberry.
Foster & Short
Wright, J. H.

Steel Erector.
Schauer, Fred C.
Higdon, C. Co.
Williams & Con-
struction Co.

Street Carts.
Conningham and
Elliot.
None Found.

Kawner Mfg. Co.
Conniham & Elliot

Structural Steel
Contractors.
Judson Mfg. Co.
Schraeder's Iron
Works

Western Iron Sup-
ply Co.
Woods & Huddart

Stoves.
Mangum & Otter
Steiger & Kerr

Structural Steel Contractors.
Brode Iron Wks.
Dyer Bros.
Golden Gate Iron Works
S. A. Francisco Iron Works
Raitson Iron Wks
Vulcan Iron Wks.
Zenith Iron Wks.

Surveyors.
Morser, E. J.
Sanborn & Corbin
Wetherell, Chas E
Teaming & Grading.
Brank, J. P.
Button, L. V.

Carlin Bros.
Devenenzi & Co., L.
Dillon Teaming Co.
Hartnett, J. D.
Holland, J. P.
Lorenz, C. J. E.
Lettier, Fred
Laggen, Ernest
McGlinchey & Monahan
Montague Co. P.
O'Day Co. D.
Pico Bldg. P.
Powers, Chas.
Sibley Teaming & Grading Co.
Star Contracting Co.
Stor Contracting Co.

Wright Co., J. H.
Thilag.
Ginsberg & Co., S.
Mangrum & Otter
Peerless Agency
Tile Mfg. Co.
Watson Manuf.
Venema
Bill & Jacobson
Hyde, Henry C.
United Elec Co.
Sherman, Kimball Co.
Wall Bldg.
Marshall - Stearns Co.

Water Company.
Spring Valley Water Works.
Whitewashing.
Simon Neilson Co.
Brickley, P. J.
Reich & Jamelson
Taylor, L. A.
Window Cleaning.
American Window Cleaning Co.
Progressive Window Cleaning Co.
United Window Clean Co.
Windows, Patent.
Hill Co., L. H.
Simplex Window Co.

Electrical.
American Electrical Engineering Co.
California Electrical Works.
Central Electric Co.
City Electric Co.
Decker Electric Co.
Globe Elec. Co.
Levy Elec. Co.
National Elec. Co.
Progressive Co.
Van Emmon Elevator Co.
Fibre.
S. F. Fibre & Cordage Co.
Fireproof Doors.
Gervais, Henry.
Norris, L. A.
Roebing Sons.
John A.
Floor Sanding.
Inland Floor Co.
Pacific Floor Sanding Co.
Grill Work.
Cal Art Metal & Wire Works.
Merle Co., A.
Sartorius Co.
Wittington, C. W.
Gen. Contractors.
Andrus, R. C.
Brigham, H. B.
Caldwell & Co.
Cereghino & Son, Louis
Currie & Currie
Demppiak Bros.
Parquharson, D. B.
Pluth & Morton
Fraser & Fraser
Graham, D. E.
Griffith, Wm.
Hannah, J. D.
Hannah & Co. J.S.
Hayes, W. W.
Jackson, A.
Kuykendall, J. O.
Malley, Edward
Mathies, Henry
Peschke, John
Schnebley, Host
Trausner & Pedersit
Van Sant-Houghton
Glass and Glazing.
Cal. Plate & Window Glass Co.
Cohen, L.
Cobbedick-Kibby Glass Co.
Friedman Bros.
Futter, W. P. & Co.
Habenlicht & Howlett
Holland, J. P.
Schwarz & Guttleib (Inc.)
Grading & Teaming.
Church, D. O., Co.
Dillon, D.
Eureka Teaming Co.
Fay, S. J.
McClure, H. N.
Wilhelm, A. H.
Wilkie Co., A.
Williams, F. A.
Wright, Chas.
Monarch Teaming Co.
Sibley, L. B.
McLennan, S. B.
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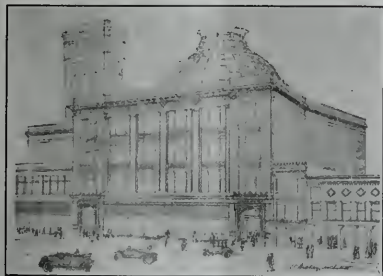
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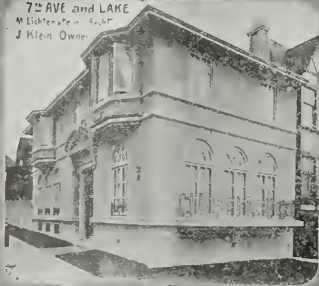
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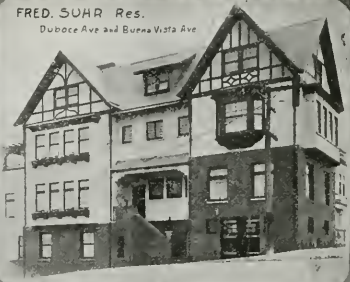
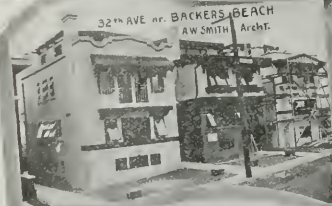
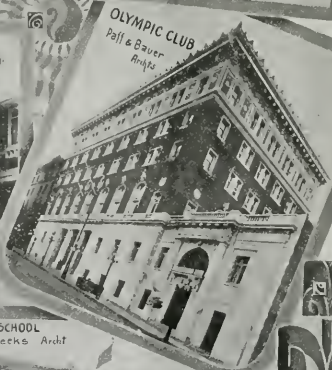
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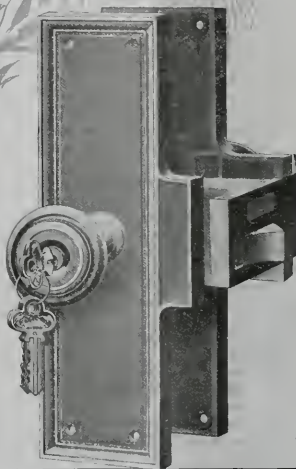
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OFFICIAL ORGAN

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ASSOCIATION OF CALIFORNIA.

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Editorial Comment.

The aeroplane has been used in the last three wars that have occurred and so far it has not demonstrated any particular ability as a fighting machine. The Italians used it in their war with Tripoli and the Bulgarians and the Turks used it in the conflict in Southern Europe. It proved to be a valuable scout as it possesses all the qualities of such an accessory to an army. It has speed almost unlimited, it has the range of vision and can ascend to heights that make it almost invisible itself. But as a bomb-thrower its destructive force is very limited. In the first place its carrying power is very limited. And the vibration of the machine makes it almost impossible to drop a bomb or fire a gun with any degree of accuracy. So that while a bomb that is dropped may kill some of the enemy at the same time it is no more effective than a mortar shell that might be dropped from a battery a couple of miles away.

The dirigible balloon that the Germans have perfected seems to be more effective in this regard. While having less speed it has no vibration in its car and can be used effectively to prevent aeroplanes from coming into its territory. It is, after all, a strange thing to watch the progress of mankind and then to contemplate the perfection of modern engines of war devised for the destruction of other people who happen to inhabit a different political division of the country.

It appears that there are not sufficient names on the referendum petition to prevent the construction of the depot at Third and Townsend streets. As the time for filing the petition has expired there is every reason to hope that the structure will go on and that there will be some accommodation to the public who will visit us next year.

The State Railroad Commission is our great help in time of need. No longer can the Southern Pacific snap its fingers in the face of the public and do as it pleases, give accommodations or not and hold up the people at every turn. The Commission must now be shown, and the heads of the several departments of the Railroad Company are not the insolent autocrats they were in former years.

The referendum like most of our other laws is designed to protect the people from those who would do wrong.

It is a safeguard thrown around the enactment of laws and the granting of franchises. And while it may sometimes be used for improper purposes it is a good thing to have on such legislation, as oftentimes it prevents jokers from being slipped over on the people and improper advantages taken.

The more effective feature of the war against flies would be not their capture, but the measures to be taken to prevent their existing. All flies must die in the course of time, and the ones that die in traps are hardly missed in the world of flydom. Those who die before they are born will go to the greater creoit of the City Beautiful committee. This will be really curing typhoid fever "at the source." Every horse corral probably taken care of, every automobile substituted for a horse, every garbage can covered where before it went uncovered—every possible residence for a fly abolished will mean that by just so much he will not hereafter exist.

For the last generation the young people of Vermont in large numbers have been leaving the state. In forty years the state's population increased only twenty-five thousand.

A thorough survey of the state has just been completed by the Carnegie Foundation, and President Pritchett summarizes the results in the Independent. "There can be no question," he writes, "that the failure of the school system in the past generation to interest the youth of the state in the problems of their own environment has been one large factor in the continuation of emigration."

In a state in which the majority of the people are farmers, the schools have continued to educate young people in academic subjects—that is, to be clerks and bookkeepers. They haven't had a word to say about the fascinating problems of the great laboratory of the out-of-doors, the farms from which the state is getting its living.

The States and the National Government are beginning to learn that this is generally an agricultural country and that all prosperity begins with the soil. So that the farm is at least coming into its own.

Only last week was advertised a series of civil service examinations for the government agricultural departments. Positions of soil chemists, dairy inspector, plant investigators and several different jobs were seeking competent, and offering salaries from two to three thousand dollars per year for such men. As such places mean a life job to the holder, a life in the open with comparatively little expense, and with comparatively little original research the jobs are certainly desirable ones.

Ten years ago there were no such opportunities for young men in these departments. Now the farming industry offers opportunity in its scientific relations with the chemist, the botanist and the soil expert and the government realizes that the main support of its existence is the prosperity of its farms.

The Quantity System Of Figuring On Contracts

**Historical, Modern Competition and Definition,
Advantages, Adaptability and Progress.**

G. Alexander Wright.*

The measurement and description of mechanics' work and the placing of money values against such description is not new. Occasionally, when discussing the quantity system, one hears it spoken of as a "new idea." But it is not new by any means. The practice, however, of making a fixed "quantity" of material and labor the "essence" of the contract, if not new, is certainly "modern."

Historical Aspects of Quantity System.
Historically speaking, there were measures of quantity, areas and distances, in very early times. Ezekiel, the prophet, speaks of a man with a line and a measuring rod in his hand. Someone has said it was just a twelve-foot rod, such for example, as we might use today. Then in Zachariah, reference is made to the length and breadth being taken of Jerusalem.

That the Greek architects took their measurements and made up their estimates of costs is generally admitted. Vitruvius, in his Handbook of Architecture, written about the time of Augustus, mentions as one of the essential qualifications of an architect, that he must be a good arithmetician "to work out measurements and to estimate the cost of buildings." Indeed, in the case of public work in the city of Ephesus, the architect was obliged to give a figure representing the cost of the work, which was retained by the chief magistrate, and honors were conferred upon the architect if, at the end of the job, this estimate of cost had not been exceeded. If, however, the cost materially exceeded the estimate, the architect had to make up the deficiency, and it is said that it was a matter of regret to Vitruvius that there was no such provision in the Roman law. Then, again, among the Greeks, it was customary upon public work to publish itemized detailed accounts of the actual cost of such works, as well as the architect's estimate. Payment by measurement was very common, and we find references to a type of engineer-architects who measured buildings and whose reports finally settled matters—a sort of arbitrator. Here it will be seen therefore, that we have distinct references to the principle of "payment by measurement," the modern equivalent for which is the quantity system, whilst the Greek engineer-architect accords very close, to the quantity surveyor of today.

Enough has been said to show that the measuring or we say "quantity" surveyor has existed, certainly from the time of the Greeks and Romans. The quantity system as we know it today had its origin some eighty years ago when competing bidders met and one of their number was selected to take off the quantities and furnish a copy to each of his competitors.

Better methods in time prevailed until the system was evolved such as I expect to see adopted in the United States, i. e., compensation to the contractor through definite measurement being made the basis of the contract.

Competition, so called, among contractors is comparatively a modern innovation. The words "so called" are used intentionally, for under the prevailing conditions, competition intelligently and conservatively conducted is the exception, and not the rule. Our methods today are largely gambling methods when it comes to ascertaining the quantities of materials which go to make up a structure and which must, of course, be accurately ascertained before an intelligent, satisfactory bid can be made. So true is this that it is a matter of common knowledge, that fully 50 per cent of the contracts let are the result of error, and further, that the more capable and careful a bidder is to get in all his items, the less chance he has of securing a contract, profitable or even otherwise. The lowest bid, the one generally accepted, is usually anything but the most accurate.

One of the greatest inconsistencies also in competitive estimating lies in the fact that no sooner are bidders invited to give a price on a job than they seem to compete among themselves to see who can take off the least quantity of material, etc., and it is surprising how well some of them succeed.

The quantity system is not, as some persons have supposed, merely the taking off of a list of items by one person, for one other person's use, nor does it consist solely of the listing of items by individual contractors with varying methods and uncertain accuracy, owing in part to the fact that contractors are seldom, if ever, allowed proper time in which to make up an accurate bid. It must not be overlooked that some "training" is also essential to the accurate preparation and classification of quantities.

The Meaning of Quantity System.

What the quantity system does mean, however, is the careful measurement by an independent person specially trained in this special kind of work, and the present age is undoubtedly the age of the specialist. This specialist or quantity surveyor proceeds with his work somewhat differently to the average contractor, for he follows certain recognized rules in taking off, abstracting and billing, with a view to eliminating error. He uses also certain uniform standards of measurements and expression. Every written word or figure is preserved for future reference. His checking and rechecking methods to ensure accuracy must be studied to be appreciated by those to whom the quantity system is unknown. A record is made of every item, however small, having a money value. These items are then all classified and arranged, each under its proper trade or department in methodical order. Guess-work methods are unknown to the quantity surveyor, whilst his accuracy and attention to details is well worthy of commendation.

The surveyor who does this work is a professional man similar to the engineer and the architect. He should, in fact, have, and usually has had

some experience at least in the work of these professions, and in addition, a practical experience acquired in the field, in actual superintendence of construction work.

Such a surveyor then upon commencing to take off the quantity from an architect's or engineer's drawings, readily detects any ambiguities, or discrepancies which exist, through hasty preparation or otherwise. Attention of the architect or engineer is at once called to such matters by the quantity surveyor as he goes along. Being so detected, such ambiguities and uncertainties can be, and are, corrected and adjusted, so that by the time the drawings and specifications reach the bidder for estimating purposes, all doubts have been cleared up, and every thing has been made so plain and accurate, that the possibility of error in quantities can be practically disregarded.

This document, prepared exclusively in the surveyor's office, is then either printed or similarly reproduced, and a fac simile copy supplied free of cost to each bidder, who inserts his unit price opposite each item, and readily foots up the money cost in dollars and cents, and which really is all that he should be asked to do. The quantities of material and labor then set forth in this document, or bill of quantities, represents the limit of what the contractor will be called upon to perform or furnish in order to complete his contract. In short, the bid becomes a proposal to do a certain "fixed quantity" of work, indicated in the quantities, no more and no less. The contract to be drawn accordingly. This then very briefly is the main underlying principle of the quantity system of estimating, a definite quantity of work for a definite price, and payment according to a well defined systematized method of measurement, and the entire elimination of those well-known conditions and elements which now compel bidders to take chances, and for which all parties usually suffer in the end, the owner included.

The Wastes of American Practices.

Most of us are familiar with these wasteful, unsatisfactory methods and sometimes, even pernicious practices, which are followed today in bidding upon and carrying out the work. These injure both parties to a contract, and they arise largely from bidders' mistakes in figuring, because accuracy has to be so often sacrificed for an ill-advised speed. A large proportion of these mistakes occur in the hurried figuring of the "quantity" by bidders. Some of us, when we have the opportunity of looking behind the scenes, so to speak, become appalled at the resultant effects of existing practices, such as the enormous waste in time and money in senseless figuring, disputes, harassing conditions, hard feeling, lack of confidence, delays suits at law and so forth, nearly all of which may be avoided by adopting more conservative methods in our preparatory work before contracts are let. Further, interpretation of plans and

specifications being, in common fairness to both parties to the contract, he made wherever possible before a contract is let, and not be left until afterwards, nor to be done "as directed." Under the quantity system, where the quantities are made the basis of the contract, this becomes practically imperative. Regarding interpretations, one might be excused for saying that it would seem, as engineers or architects, to be a question of policy, as well as fairness whether we should continue to even assume the responsibility of deciding things already contracted for, according to our "judgment." If our judgment is to govern what a contractor must do, would it not be better to consider those things which can be considered, and then determine them finally before a contract is let? Many an architect and engineer has suffered professionally through assuming to exercise judiciary powers unnecessarily. But to return, notwithstanding the fact that over 40 per cent of the entire population of our cities are dependent directly or indirectly upon the construction of buildings, yet the methods generally followed to determine the important question of contract cost are those used generations ago; they come to us as a tradition from the period when tallow candles were used. Whilst we have made wonderful strides in constructive methods and materials, and, let us hope, in design, little or no attention has been given to standardizing estimating methods. We seem to have been too busy "speeding up" to regard seriously the advantages of accuracy when it comes to spending money on construction. In the end, of course, it is the owner, the financier, who suffers. There are, however, indications as a result of the movement initiated in San Francisco, that more conservatism and a closer adherence to business principles are going to be preferred by the moneyed interests in place of the guess work and gambling methods which they have overlooked in the past.

A contract, according to Blackstone, is "an agreement upon sufficient consideration to do, or not to do, a particular thing." The lowest bidder today will scarcely admit that the contract consideration is sufficient, or that his contract obligations are limited to do any one particular thing. It would also seem that architects or engineers who permit an unduly low bidder to sign up for a piece of work are courting trouble, and in such cases, where they have constituted themselves sole arbiters of the contract, their judicial power, if exercised, is open to criticism.

The principle of measure and value, or payment by measurement, usually designated as the quantity system, is based upon equity and square dealing. On large work it is used in Germany, France, Ireland, England, Australia, Scotland, and even South Africa, where some thousand of miles or more north of Cape Town we find not only an Institute of Architects, but an Institute of Quantity Surveyors, and it is a significant fact, that in no instance where the system has been once established has it ever been abandoned for their former haphazard methods, and which corresponds with those we have employed for generations past and still use.

Among the advantages and improved methods of estimating afforded by the quantity system may be mentioned:

First: The enormous saving of time and money now wasted by numerous bidders all doing the same thing, going over the same ground.

Second: Safer bids will be made, as the volume of work to be performed is clearly indicated by the bill of quantities which is the essence of the contract.

Third: No expense to the bidder, the owner pays for his own quantities "knowingly," and they benefit him as well as the contractor. The owner pays now, but this fact is not emphasized or brought to his attention, and so he does not know it. The percentage added to a bidder's net cost is not all profit, a certain portion of such percentage is absorbed in running his business and similar overhead charges, which ultimately are, of course, paid by the owner.

Fourth: Saving of disputes arising from extra claims which often occur through vagueness of drawings and omissions, or other error in specifications.

Fifth: Better opportunity for the careful competent bidder. With the quantity system the bidders all work up from the same basis. The incompetents cannot omit or forget the painting, glass or other items, and so take work away from more careful or competent bidders.

Sixth: Better work and more harmony will result, for the reason that if no part of the work has been omitted there will be less temptation to "let up" on the work, and which usually results in dissatisfaction, if not friction or worse.

Seventh: Misunderstanding reduced to a minimum. The Bill of Quantities is the "interpreter" of what is intended, a sort of clearing house for the drawings and specifications.

Eighth: Neither party to the contract can obtain any advantage over the other on quantity or description of work.

Ninth: No disputes with sub-bidders, it being clearly stated what each trade is to furnish.

Tenth: Contractors having much less figuring to do can then devote more time and give more attention to buildings in hand, and especially in supervising and directing their sub-contractors.

Eleventh: Owners and architects would be less liable to have inferior contractors as the lowest bidders.

Twelfth: Fewer extras. These are usually a trouble to all concerned. Should any occur, they can be easier adjusted if the schedule prices govern in such case.

Thirteenth: The architect or engineer, if he so desires, can have the advantage of collaboration with the professional Quantity Surveyor, who also would be available when preliminary figures are required, which information is now so often furnished by the contractors, thereby creating an undesirable obligation.

Fourteenth: No change or re-organizing of architects' or engineers' offices necessary, whilst much detail work now involved when taking figures, will be taken care of by the Quantity Surveyor's office.

Fifteenth: When contracts are signed, the drawings and specifications

will previously have been made as complete as it would be possible to make them, thereby avoiding subsequent inconvenience to the contractor and his foreman on the job, and doing away largely with inquiries at the architect's office by contractors during progress of the work.

Adaptation to American Needs.

The particular system suggested for our use should be one best adapted to American needs and sentiment, a practical system which would meet our special requirements and endorsement. Such a system has been under consideration for some years past, one that is expected to meet with general approval and adoption, at least until experience or wiser heads suggest something better. For many reasons it would be undesirable to accept the English system in either of its forms. That is to say as a "system" for general use. The great principal it stands for, however, viz: that of giving, as well as receiving a square deal, can be both accepted and used with much advantage to both owner and contractor. It suggests no haphazard or guess-work methods, which is true business and fair to all.

Now, very briefly: How can this system be adopted? It takes time of course to get rid of old customs or old habits, however bad they may be. But considerable progress has already been made, and the outlook all over the country favoring better methods is now certainly encouraging. At the inception of this movement, however, in 1881, it was not easy to find anyone willing, even to admit, that betterment in estimating conditions were necessary or even possible, and there were fewer people still who knew anything about the quantity system. Happily we are a progressive people, and things are not done today as they were twenty or thirty years ago. Indeed, it is now very generally recognized that estimating and certain contract conditions are about as bad as they can be. Quite recently it was stated by an experienced contractor whose opinions both deserve and command respect, that if a bidder figured to do everything just exactly as it was called for, he would not get one job in fifty, and the reasons why are well known to those in the business.

After once the principle and the safety of the quantity system is understood, (and the words "safety first" should become a national slogan), after its many advantages are recognized, its equity between owner and contractor becomes immediately manifest.

To adopt the system generally, the organization referred to hereafter, advocates that the United States Government and every state and county in the Union, should furnish, free of cost, to every bidder detailed bills of quantities, setting forth clearly and squarely exactly what quantity and nature of work it is that a bidder will, if successful, be required to perform in order to properly complete the contract. The next step, it is thought, will be that municipalities will follow the same practice. The advantages obtained will quickly become known in every locality among private owners and the building community, and the present practice, which is already tottering, will be a thing of the past, and we shall be all wondering why such a labor saving, sensible method has

hitherto been neglected in the present day and in our generation.

The Quantity Surveyor.

Accuracy and honesty are the quantity surveyor's chief essentials apart from his professional ability. It seems, therefore, that the practice of quantity surveying should be legalized in each state, somewhat similar to that of the public accountant, through examination and subsequent issue of licenses to persons thus qualified and wishing to practice. The furnishing of surety company's bonds by the quantity surveyor has been suggested in some quarters to guarantee his accuracy and honesty, but it would seem that until a similar guarantee is demanded from other technical practitioners, the expediency and efficiency of this course may fairly be questioned.

It may be stated perhaps that to still further advocate the adoption of better estimating methods and more satisfactory contract conditions, an organization was formed last year known as the American Institute of Quantity Surveyors, which is doing much good work along these lines. Its membership is open to all architects, engineers, contractors and others (including owners) who are in sympathy with the efforts being made to bring about better conditions. The dues are merely nominal including the official bulletin every month which gives the progress of this movement throughout the United States, whilst its columns are open to all for suggestions or inquiries regarding the work of the organization in general, or the quantity system in particular.

Progress of System in America.

It may perhaps be only fair to add (with due modesty, however, let us hope) that to San Francisco belongs the credit of being the first city in the United States in which a systematic effort was ever made to bring about better estimating conditions such as the quantity system affords. This movement commenced many years ago. In 1891, when in the month of April, an informal address and discussion took place before members of the Builders' Association of California (now the General Contractors' Association.)

Immediately following this came an address entitled "The Quantity System of Estimating" in the Academy of Sciences Building before the San Francisco Chapter of the American Institute of Architects. Much interest having been aroused, no opportunity was afterward lost of sustaining it. Articles were contributed to architectural and building journals in the East and elsewhere. "Better estimating methods" was the slogan consistently urged for years. In 1905 a paper on this subject was given and discussed before the Technical Society of the Pacific Coast. The conflagration of 1906 somewhat disturbed the progress of the work temporarily, but it was soon resumed and brought once again to the front. It has since grown until now the movement has spread from the Pacific to the Atlantic and from Boston to New Orleans. Everywhere today the subject is being received by engineers and contractors, as well as by architects with the greatest interest. I can testify to this, having but recently completed a tour of some 14,500 miles undertaken solely for the purpose of meeting the leading architects, contractors and engineers of our large

cities, and of personally still further advocating higher contract ideals and better methods, such as always follows the adoption of the quantity system of estimating.

*Consulting architect, San Francisco, and president of the Technical Society of the Pacific Coast.

HIGHEST BUILDING WEST OF MISSISSIPPI.

The highest building west of the Mississippi has just been completed in Seattle, Wash. The tower rises 450 ft. above street level, and is so conspicuous that it is already being used as a beacon by mariners in making their way on Puget sound, and it is planned to have it illuminated at all hours of the night to make it available for this use night and day. The building covers a lot that is 180 by 120 feet. The main structure is 21 stories high, and to this a tower adds 12 stories. In addition to this there are two stories below street level. The height to the lantern at the top of the tower is equivalent to 42 stories. The foundation rests on 1,376 concrete piles driven to a depth of 50 feet below the surface. In building the foundation 4,000 barrels of cement and more than 1,000 tons of steel were used. On the foundation piles a total weight of 76,560 gross tons will be carried, the steel for the superstructure alone weighing 4,732 gross tons.—Exchange.

RUINS OF ANCIENT TIHUANACU.

Indicating a Civilization in Bolivia Antedating that of Ancient Egypt.

A city so old that even the legendary lore of the Incas, who traced an unbroken line of kings back to the eleventh century, is dumb concerning the people who built it; a city which a thousand years ago had been so long dead that even song, story and tradition had forgotten every vestige of its history when Columbus discovered the "New World." Such is the ancient city of Tiahuanacu, whose ruins are crumbling surely, but very slowly, into dust not far from the southern shore of Lake Titicaca, in Bolivia.

"The little present-day village of Tiahuanacu is located on the railroad which connects La Paz, the modern capital of Bolivia, with the part of Guayaquil on Lake Titicaca, and may be reached in about two hours from the former place. The ruins of ancient Tiahuanacu, covering an area of about a square mile, are not over a half mile from the village"—write Edward Albes in the Monthly Bulletin of the Pan American Union, Washington, D. C.

"A traveler stopping in the little town, and ignorant of the proximity of the ruins, would be astounded to observe the number of beautifully cut stones built into parts of adobe huts of the most primitive character, and sometimes forming portions of a small patio. A doorway to a dilapidated, thatch-roof hut, may have a lintel or jamb formed by an artistically carved stone. In the walls of the little Catholic Church and in those enclosing its yard, and even in the paving, may be seen these smooth stones. The pedestal on which is mounted the stone cross in front of the church is

made up of them, while on either side of the gateway to the inclosure stands a carved stone idol whose lines, marred by the ravages of time, still show the artistic skill of the ancient sculptors who wrought them."

Thus the ruins of the ancient city have furnished much of the material to build the village of today, and while the strict utilitarian may find no fault with this work of destroying the artistic monuments of a hoary antiquity to cater to present needs, to the student of archaeology it seems almost like desecration. The Bolivian Government has recently enacted a law which forbids the carrying off or willful destruction of that portion of the ruins which vandal hands have left intact.

The ruins themselves include the remnants of temples, palaces, and great structures of what once must have been a large and densely populated city. Not a vestige remains of the dwellings and less pretentious houses in which this population must have lived. These were naturally of a more temporary character, and the relentless agents of destruction, working through countless centuries, have obliterated all traces.

The question which confronts the archaeologist is—how a population sufficiently numerous to accomplish the building of such a city have maintained itself in this region? The ruins are located 13,000 feet above the level of the sea on a vast plateau where the constant cold prevents the maturing of corn or other grain. At present potatoes, cocoa, and some other edible roots are grown, but the region sustains only a scanty mountain population. The city once covered a large area, the great structures were built by skilled masons. One stone is 36 feet long by seven feet wide and weighs 170 tons, another is 26 feet by 16, and 6 feet thick. Only the monoliths of ancient Egypt equal those found in Tiahuanacu. The movement and placing of such monoliths point to a dense population, to an organized government, and consequently to a large agricultural area with means of transportation from various directions. The only tenable explanation is that at the time when Tiahuanacu flourished the Andes were from 2,000 to 3,000 feet lower than at present. Geologists hold that in the Jurassic and even in the Cretaceous period there were no Andes and that through a gradual upheaval they have been formed in more recent geological times. The bones of a mastodon have been discovered in Bolivia at an altitude of 13,000 feet above the sea, and such an animal could not have existed at such an elevation. Skeletons of gigantic anteaters have been found in the deserts of Tarnpaca, and these could only have existed in regions of arboreal vegetation. These, and other geological facts, support the theory that the ancient city of Tiahuanacu existed when the Andes were much lower than at present, perhaps when the cave man or Britain was fighting for his life with cave bear, wild boar, and mastodon, and sketching their rude pictures on the walls of his primitive, subterranean dwelling.

The business man who does not advertise because he tried it once, and failed, should throw away his cigar because the light went out.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 2 story and base, frame, \$16,000. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner, John McConaughy. The building will be erected at the corner of Army and Serpentine streets, and has been designed to contain a number of two and three room suites. All apartments will have wall beds and private bath rooms. There will be a central heating system and hot water supply. Bath rooms will have composition floors and tile wainscot. Interior will be finished in pine and redwood. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 5 story and base, reinforced concrete, \$20,000. Architect, L. M. Hausmann, Sharon Bldg., S. F. Owner, I. S. Poorman. The building will be erected on the south side of O'Farrell street, east of Jones, covering an area of 22½ by 60½ feet. There will be nine apartments of two and three rooms. Interior finish will be of pine with some elm panels and hardwood floors. Plans provide for steam heat, elevator service and a hot water supply. All suites will have wall beds and private bath rooms. The wainscot and composition floors will be used in the bath rooms. Entrance will be finished in tile and marble. Exterior of the building will be faced with cement plaster. Plans are complete and figures have been taken under advisement. A contract will be awarded shortly.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, E. P. Antonovich, 333 Kearny street, S. F. Owner, W. E. Trefts. The building will be erected at the corner of Green and Steiner streets and has been designed to contain suites of two and three rooms with wall beds and private bath rooms. Interior finish will be of pine, redwood and elm panels. Some oak floors will be used. There will be a central heating system and hot water supply. All bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 6 story and base. Class C construction. Cost not stated. Architect, J. R. Miller, Lick Bldg., S. F. Owner's name withheld. The building will be erected on Ellis street between Jones and Leavenworth. There will be a number of suites arranged in two, three and four rooms. Interior finish will be of pine with elm panels and some oak floors. Plans provide for steam heat, elevator service, hot water system and vacuum cleaning. All suites will have wall beds and private bath rooms. The wainscot and composition floors will be used in the bath rooms. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed

brick. Plans are complete and figures have been taken under advisement. An award of contract will be made this week.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$20,000. Architect, O. E. Evans, 2367 Mission street, S. F. Owner's name withheld. The building will be erected in the southern part of the city and has been designed to contain 21 modern apartments of two and three rooms with private baths and wall beds. Interiors will be finished in pine and redwood. Plans provide for steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$16,000. Architect, E. P. Antonovich, 333 Kearny street, S. F. Owner, F. J. Clark. The building will be erected on the east side of Lapidge street near 18th and will contain six suites of three and four rooms. Interior finish will be of pine throughout with some hardwood floors. All suites will have wall beds and private bath rooms. Plans provide for a central heating system and hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures will be called for at once.

SAN FRANCISCO—Apartment house, 2 story and base, frame. Cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Mrs. C. Dorn. The building will be erected on the east side of Pierce street south of Page, and has been designed to contain four suites of four rooms and bath each. Interior will be finished in pine, redwood and elm panels. Some hardwood floors will be used. Plans provide for a hot water system. Bath rooms will be finished in tile and will have composition floors. All suites will have wall beds and private bath rooms. Exterior of the building will be covered with shiplap and pressed brick veneer. Plans are complete and figures are now being taken.

SAN FRANCISCO—Apartment houses, 2, 3 story and base, frame, \$15,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Carl and Theo. Rulfs. These two buildings will be erected on the east side of Franklin street south of Clay. Each building has been designed to contain six suites of four rooms and bath. Each building will have a frontage of 30 feet and a depth of 85 feet. Interiors will be finished in pine, redwood and some elm panels. Hardwood floors will be used in the living and dining rooms. There will be steam heat and a hot water system. Portable vacuum cleaners will be installed. Bath rooms will have tile wainscot and composition floors. All apartments will be equipped with wall beds. Exterior of the buildings will be covered with cement plaster. Plans are nearly com-

plete and figures will be taken this week.

BEIKKELEY, ALAMEDA CO., CAL.—Apartment house, 3 story and base, frame, \$15,000. Architect, none. Owner, E. L. Lamb, 1126 Poplar street, Oakland. The building will be erected on the east side of College avenue south of Haste, and has been designed to contain two, three and four room suites with private baths and wall beds. Interior finish will be largely of pine with some elm panels and hardwood floors. There will be steam heat, a hot water supply and vacuum cleaning system. Bath rooms will be finished in tile and will have composition floors. Entrance will be of marble and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$30,000. Architect, Joseph Cahen, 45 Kearny street, S. F. Owner's name withheld. This building has been mentioned here a number of times before. Plans have been revised and figures are again being taken. The building will be erected at the corner of Perkins and Grand avenue and will contain a number of two and three room suites. There will be steam heat, a hot water supply and vacuum cleaners. Entrance will be finished in tile and marble. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$20,000. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner's name withheld. The building will be erected at the corner of Market and 11th streets and will contain a number of two and three room suites. Interiors will be finished in pine throughout. Plans provide for steam heat, a hot water supply and portable vacuum cleaners. Bath rooms will have tile wainscot and composition floors. All suites will have wall beds and private bath rooms. There will be stores on the first floor. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken by the architects.

PORTLAND, ORE.—Apartment house, 3 story and base, brick, \$28,000. Architect, none. Owner, H. O. Triplett, 510 Lewis Bldg., Portland. The building will be erected on Harrison street between 11th and 12th streets, covering an area of 35 by 100 feet. There will be a total of 18 apartments of two and three rooms. Interior finish will be of pine and elm with some hardwood floors. Plans provide for steam heat and a hot water supply. All suites will have wall beds and private bath rooms. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

Contracts Awarded.

SEATTLE, WASH.—Apartment house, 5 story and base. Class A construction, \$150,000. Architect, John Graham, Lyon Bldg., Seattle. Owner, D. R. McKay. Contractors, W. T. Butler Contracting Co., Central Bldg., Seattle. Contract price, \$150,000.

SANTA MONICA, LOS ANGELES CO.,

CALA—Apartment house, 3 story and base. Class C construction, \$36,000. Architect, Albert C. Martin, Higgins Bldg., L. A. Owner, Thomas Higgins. Contractors, The Broadway Construction Co., Security Bldg., L. A. Contract price, \$36,000.

CHURCHES.

SAN FRANCISCO—Church, 2 story and base. Class C construction, \$75,000. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owners, Second Church of Christ, Scientist. The building will be erected at the corner of Dolores and Cumberland streets, and will cover a considerable ground area. There will be a large main auditorium, Sunday school rooms and reading rooms. Interior will be finished in pine throughout. Plans provide for steam heat and a modern system of ventilation. Art glass will be used. Ornamental plaster is also specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be taken within the next two or three weeks. Further mention will be made of the work.

MT. OLIVET, SAN MATEO CO., CAL.—Columbarium, 1 story and base, reinforced concrete, \$100,000. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owners, Mt. Olivet Cemetery. The building has been mentioned here before when the architect was first commissioned to prepare plans. The structure will be fireproof throughout. Interior will be finished in Onen stone and marble. Special plumbing fixtures, lighting fixtures and heating will be installed. Marble and tile will be used extensively. Exterior of the building will be faced with cement plaster. Plans are now complete and figures will be taken within a week or ten days.

FLATS.

SAN FRANCISCO—Flats, 3 story and base, frame, \$5,500. Architect, Paul D. De Martini, 2133 Powell street, S. F. Owner's name withheld. The building will be erected on the north side of Filbert street between Polk and Larkin streets, and has been designed to contain three flats of five and six rooms. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Automatic water heaters will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are now being taken.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, W. S. Rhodes, 3372 15th street, S. F. Owner's name withheld. The building will be erected on 20th street between Dolores and Guerrero, and has been designed to contain two flats of six rooms and bath each. Interiors will be finished in pine throughout. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Entrance will be finished in tile. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Flats, 3 story and base, frame, \$1,000. Architect, O. E. Evans, 2367 Mission street, S. F. Owner, Gertrude I. Pierson. The building will be erected on the north side of Cortland avenue near Moultrie, and will be arranged for a store on the first floor and two five-room flats above. Interiors will be finished in pine and redwood. Some hardwood floors will be used. There will be open fire places and tile mantels. Automatic water heaters will be installed. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 2 story and base, frame, \$6,000. Architect, O. E. Evans, 2367 Mission street, S. F. Owner's name withheld. The building will be erected on Page street between Shrader and Stanyan streets. Each flat will contain six rooms and bath. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be large open fire places in each of the living rooms. Mantels will be of tile. Automatic water heaters will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 2, 3 story and base, frame, \$5,000 each. Architect, L. Traverso, 854 Union street, S. F. Owner, E. Torreggino. These two buildings will be erected on adjoining property on the east side of Jasper Place north of Green street. Each building will have a frontage of 22½ feet by a depth of 58 feet 3 inches. There will be three flats in each consisting of five rooms and bath. Interiors will be finished in pine and redwood. There will be gas grates and tile mantels. Bath rooms will have tile wainscot. Automatic water heaters will be installed. Exterior will be covered with cement plaster on metal lath and rustic. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, O. E. Evans, 2367 Mission street, S. F. Owner, Gertrude I. Pierson. The building will be erected on the north side of Highland avenue west of Holly Park, and has been designed to contain two modern flats of five and six rooms. Interiors will be finished in pine throughout. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Automatic water heaters will be installed. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with cement plaster on metal lath and rustic. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 2 story and base, frame, \$6,000. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner, John McCormick. The building will be erected on 5th avenue at the corner of C street, and has been designed to contain two flats of six rooms and bath each. Pine and redwood with elm panels will be used in the living rooms and dining rooms. Hardwood floors will be used in the principal rooms. There will be open

fire places and tile mantels. Automatic water heaters will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

GARAGES.

SAN FRANCISCO—Garage, 1 story and base, reinforced concrete and steel, \$30,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. The building will be erected in the Western Addition, and will cover a large ground area. Construction will be fireproof throughout with reinforced concrete walls, floors and roof slabs. Steel roof trusses will be used. Besides the usual storage space plans provide for a machine shop and offices. Interior will be finished in pine. There will be metal window frames and sash and special gasoline storage tanks. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

OALAND, CALA—Garage, 2 story and base, frame, \$5,000. Architect, William H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owner, J. H. Fuller. The building will be erected on Bellevue avenue and will contain storage space for three machines. Interior finish will be of pine. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

GOVERNMENT WORK AND SUPPLIES.

Canal Circular No. 854.

The general purchasing officer of the Panama Canal will open bids June 11, 1914, under circular No. 854 for furnishing oil handling plants, which include four steam-driven, horizontal, duplex, noncondensing, double-acting pumps, two for the Atlantic plant and two for the Pacific plant, which will be used for handling fuel oil from oil ships to storage tanks, from storage tanks to steamers and from storage tanks to tanks which supply shops and power houses. The normal capacity of the pumps is 1,200 barrels per hour of crude oil against a total head of 150 pounds per square inch, and 400 barrels per hour against a total head of 250 pounds per square inch. Equipment also includes cast iron pipe and fittings, valves, gaskets, etc. Proposals will also be asked for a 225-gallon per minute centrifugal pump unit, complete, with motor, automatic starting apparatus, float switch, foot valves and certain piping for insulation at the Barven wireless station, Radio, C. Z. The pump shall be designed to lift 225 gallons of water per minute against a total head of 150 feet.

The Canal Circular will also contain a request for bids for furnishing 243,810 square feet of paving brick and 6,630 lineal feet special brick for use on pier No. 1, head wall and quay wall, Balboa terminals. Included in the circular will also be a request for furnishing three altitude gauges and one compound gauge to be installed in the Miraflores pumping station No. 2 and in the Mt. Hope Miraflores filter building for the purpose of indicating the height of water in the wash water tanks. Bids will also be asked for furnishing 200 untreated piles 80 feet long.

Army Work Authorized.

The quartermaster general has directed the construction quartermaster of the Letterman General Hospital, San Francisco, Cal., to call for bids for installing a 5-ton ice machine in the power plant.

Puget Sound, Fireproofing Building.

The bid of C. H. Schaar, 721 Twenty-first avenue, Seattle, Wash., \$9,000 in amount, has been accepted for fireproofing pattern shop at the Puget Sound navy yard.

Balanced Valves.

Abstract of proposals for balanced valves for U. S. Reclamation Service, Boise project, Arrowrock dam, opened at Los Angeles, Cal.:

Item 1, 7 valves, lump price and weight per valve; 2, 3 valves, lump price and weight per valve; 3, 7 valves, lump price and weight per valve; 4, 3 valves, lump price and weight per valve; 5, 2 valves, lump price and weight per valve; 6, lump bid on items 1, 2, 3, and 4.

Joshua Handy Iron Works, San Francisco, Cal., delivery Sunnyvale, Cal., item 1, \$23,170, 42,974 lbs; 2, \$11,466, 44,089 lbs; 3, \$23,534, 46,682 lbs; 4, \$11,757, 47,797 lbs; 5, \$5,350, 42,725 lbs; 6, \$6,417; item 5, \$6,211 if included with items 1, 2, 3, and 4.

Power & Mining Machinery Co., New York City, delivery Cudahy, Wis., item 5, \$6,890, 41,635 lbs; 7, \$71,016; weight of items 1, 2, 3, and 4 \$81,000 lbs; item 5 only if other items are accepted.

Stacey-Schmidt Mfg. Co., York, Pa., delivery York, Pa., item 1, \$26,381; 49,000 lbs; 2, \$12,977, 50,000 lbs; 3, \$26,900, 50,600 lbs; 4, \$13,153, 51,600 lbs; 5, \$7,500, 48,450 lbs; 6, \$76,823.

Coffin Valve Co., Neponset, Mass., delivery Neponset, Mass., item 1, \$29,100, 49,300 lbs; 2, \$17,700, 56,560 lbs; 3, \$28,550, 48,950 lbs; 4, \$14,450, 48,200 lbs; 5, \$9,050, 48,950 lbs; 6, \$32,600; lump bid on items 1, 2, 3, 4, and 5, \$30,400.

Bethlehem Steel Co., South Bethlehem, Pa., delivery South Bethlehem, Pa., item 1, \$30,150, 43,780 lbs; 2, \$15,110, 44,930 lbs; 3, \$30,455, 46,070 lbs; 4, \$15,100, 47,280 lbs; 5, \$10,400, 43,370 lbs; lump bid on items 1, 2, 3, 4, and 5, \$35,320.

Pittsburgh Valve, Foundry & Construction Co., Pittsburgh, Pa., delivery Pittsburgh, Pa., item 1, \$29,862, 48,000 lbs; 2, \$13,958, 48,800 lbs; 3, \$20,541, 50,200 lbs; 4, \$14,248, 51,400 lbs; 5, \$8,427, 47,250 lbs; 6, \$88,619.

Platt Iron Works, Dayton, Ohio, delivery Dayton, Ohio, item 1, \$33,200, 47,000 lbs; 2, \$16,700, 48,500 lbs; 3, \$33,900, 51,000 lbs; 4, \$17,000, 52,500 lbs; 5, \$11,100, 46,500 lbs; 6, \$93,500; lump bid on items 1, 2, 3, 4, and 5, \$102,000.

Best Mfg. Co., Pittsburgh, Pa., delivery Verona, Pa., item 1, \$36,295, 47,850 lbs; 2, \$18,747, 48,700 lbs; 3, \$26,820, 52,350 lbs; 4, \$19,450, 52,250 lbs; 5, \$9,865, 47,500 lbs; 6, \$95,000.

Rosedale Foundry & Machine Co., Pittsburgh, Pa., delivery at Pittsburgh, Pa., item 1, \$34,000, 50,000 lbs; 2, \$16,400, 51,000 lbs; 3, \$33,700, 52,000 lbs; 4, \$16,600, 51,000 lbs; 5, \$9,995, 50,000 lbs; 6, \$97,900; item 5, \$9,295 if included with items 1, 2, 3, and 4.

Union Iron Works, San Francisco, Cal., delivery San Francisco, Cal., item 1, \$26,812, 45,805 lbs; 2, \$18,037, 46,843 lbs; 3, \$20,959, 47,416 lbs; 4, \$18,120, 48,444 lbs; 5, \$11,000, 45,550 lbs; 6, \$105,101.

The Exeter Machine Works, Pittsburgh, Pa., delivery Arrowrock dam, item 1, \$39,000, 52,000 lbs; 2, \$18,704, 53,800 lbs; 3, \$39,700, 52,300 lbs; 4, \$18,791, 54,500 lbs; 5, \$11,736, 52,000 lbs; 6, \$13,054; lump bid on items 1, 2, 3, 4, and 5, \$125,748.

The Wm. Cramp & Sons Ship & Engine Building Co., Philadelphia, Pa., delivery Philadelphia, Pa., item 1, \$39,900, 47,000 lbs; 2, \$19,110, 48,000 lbs; 3, \$41,000, 48,200 lbs; 4, \$19,600, 49,200 lbs; 5, \$13,300, 46,500 lbs; 6, \$114,600.

The Westinghouse Machine Co., East Pittsburgh, Pa., delivery East Pittsburgh, Pa., item 1, \$41,040, 45,000 lbs; 2, \$18,610, 40,000 lbs; 3, \$41,040, 47,000 lbs; 4, \$18,610, 48,000 lbs; 5, \$11,290, 45,000 lbs; 6, \$115,300.

The Pelton Water Wheel Co., San Francisco, Cal., delivery San Francisco, Cal., item 1, \$38,772.54, 41,750 lbs; 2, \$18,442.65, 46,500 lbs; 3, \$39,781.25, 48,000 lbs; 4, \$19,032.80, 50,000 lbs; 5, \$11,812.20, 41,500 lbs; 6, \$116,008.64.

Norberg Mfg. Co., Milwaukee, Wis., delivery Milwaukee, Wis., item 5, \$10,300, 50,000 lbs; 6, \$135,000; weight of items 1, 2, 3, and 4, \$1,060,000 lbs.

Seattle Construction & Dry Dock Co., Seattle, Wash., delivery Seattle, Wash., item 1, \$4,650, 51,500 lbs; 2, \$18,820, 52,000 lbs; 3, \$11,030, 52,250 lbs; 4, \$18,900, 51,650 lbs; 5, \$11,500, 51,470 lbs; 6, \$119,400.

S. Morgan Smith Co., York, Pa., delivery York, Pa., item 1, 55,000 lbs; 2, 56,700 lbs; 3, 56,800 lbs; 4, 58,400 lbs; 5, \$11,400, 51,400 lbs; \$129,900.

Poole Engineering & Machine Co., Baltimore, Md., delivery Baltimore, Md., item 1, \$43,000, 46,500 lbs; 2, \$18,100, 46,350 lbs; 3, \$45,500, 50,000 lbs; 4, \$19,850, 50,850 lbs; 5, \$13,450, 46,000 lbs; 6, \$121,100.

Washington Iron Works, Seattle, Wash., delivery Seattle, Wash., item 1, \$13,400, 48,000 lbs; 2, \$20,100, 49,000 lbs; 5, \$12,000, 47,500 lbs.

Otis Elevator Co., New York City, delivery Harrison, N. J., or Yonkers, N. Y., item 1, \$43,500, 44,125 lbs; 2, \$21,325, 46,000 lbs; 3, \$44,425, 46,630 lbs; 4, \$21,700, 48,505 lbs; 5, \$14,300, 43,125 lbs; 6, \$123,875; item 5, \$11,900 if included with items 1, 2, 3, and 4.

Minneapolis Steel & Machinery Co., Minneapolis, Minn., delivery Minneapolis, Minn., item 6, \$124,000; exception taken to leakage test.

Fulton Engine Works, Los Angeles, Cal., delivery Los Angeles, Cal., item 1, \$12,320, 49,000 lbs; 2, \$20,308, 51,000 lbs; 3, \$44,172, 53,000 lbs; 4, \$20,653, 51,000 lbs; 5, \$12,818, 51,000 lbs; 6, \$126,443.

Camden Iron Works, Camden, N. J., delivery Camden, N. J., item 5, \$11,600, 50,000 lbs; 6, \$129,000.

Prospective Bidders.

Specifications for work under the office of the supervising architect have been furnished to the following firms in addition to those previously noted in these columns:

Chicago, Cal., Construction, June 10.
California Construction Co., Monadnock Building, San Francisco, Cal.

Daniel T. McCarthy, 411 Walnut street, Philadelphia, Pa.
E. D. Sharp, Chico, Cal.

F. P. Amweg, Marston Building, San Francisco, Cal.
Frank Gallagher, 180 Jessie street, San Francisco, Cal.

J. B. Reite, 110 Jessie street, San Francisco, Cal.
Welch Bros., 15th and Jefferson streets, Oakland, Cal.

Wm. H. Henning, Examiner Building, San Francisco, Cal.

B. J. Duffy, University State Farm, Cal.

Falmberg & Mattson, 831 Connecticut street, Astoria, Ore.

San Francisco, Cal., Lighting Fixtures, June 10.

Edward F. Caldwell & Co., 36 W. 15th street, New York City.

Mitchell-Vance Co., 836 Broadway, New York City.

Wahle-Phillips Co., 551 W. 52nd street, New York City.

R. Williamson & Co., 88 W. Washington street, Chicago, Ill.

Stirling Bronze Co., 109 W. 25th street, New York City.

David J. Braun Mfg. Co., Washington and Union streets, Chicago, Ill.

Edward Schroeder, 200 5th avenue, New York City.

Frank Adam Electric Co., 904 Pine street, St. Louis, Mo.

Giese Manufacturing Co., Philadelphia, Pa.

Horn & Brannan Manufacturing Co., 427 N. Broad street, Philadelphia, Pa.

Gaites, Peace & Co., 661 Manhattan avenue, Brooklyn, N. Y.

Minnesota Chandeliers Co., 371 Jackson street, St. Paul, Minn.

Enos & Watkins, 36 W. 37th street, New York City.

Rivers Brass & Bronze Co., 332 7th avenue, New York City.

Harter Manufacturing Co., 1136 W. Austin avenue, Chicago, Ill.

Gas Fixture & Brass Co., High avenue and E. 4th street, Cleveland, Ohio.

F. Storsberg Co., 20 Atlantic street, Newark, N. J.

Wilson-Maitman Electric Co., 30 S. Charles street, Baltimore, Md.

The Home Light Co. of America, 1955 Park avenue, New York City.

Reading Chandelier Works, 503 Penn street, Reading, Pa.

Cassidy & Son Manufacturing Co., 133 W. 23rd street, New York City.

-HALLS & SOCIETY BLDGS-**Contracts Awarded.**

ALAMEDA, ALAMEDA CO., CAL.—Lodge hall, 2 story and base, frame, \$13,000. Architect, William Dufour.

2326 Santa Clara avenue, Alameda. Owners, Eagles' Hall Association. Contractors, Delaney & Randlett.

2302 Central avenue, Alameda. Contract price, \$13,000.

HOSPITALS

SAN FRANCISCO—Hospital addition, 5 story and base. Class A construction. Cost not stated. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Leland Stanford University. The present Lane Hospital, located on Webster street between Clay and Sacramento, will be enlarged by the construction of a five-story addition. The new portion of the building will contain wards, private rooms and lecture rooms. Construction will be fireproof with a complete steel frame and brick exterior walls. Interior will be finished in pine and metal. Modern hospital plumbing and fixtures will be installed. Exterior will be faced with pressed brick. Plans are nearly complete and figures will be called for during the present month.

HOTELS.

SAN FRANCISCO—Hotel, 6 story and base, reinforced concrete, \$30,000. Architect, O. E. Evans, 2367 Mission street, S. F. Owner's name withheld. The building will be erected on Mission street between 17th and 18th streets, and will cover a considerable ground area. There will be stores on the first floor and about 65 guest rooms on the upper floors. Interior will be finished in pine throughout. There will be steam heat, elevator service and a hot water supply. Bath rooms will have tile wainscot and composition floors. Patent store fronts will be used. Exterior of the building will be faced with cement plaster. Plans are being prepared.

SAN FRANCISCO—Hotel, 15 story and base, Class A construction, \$190,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, J. Sokolov. The building will be erected on the west side of Powell street, 90 feet north of Post, and will have a frontage of 46 feet and a depth of 80 feet. Construction will be fireproof throughout with a complete steel frame, brick exterior walls and hollow tile interior partitions. Plans provide for a total of 140 guest rooms and 140 baths. Interior finish will be of pine and hardwood. There will be elevator service, vacuum cleaning, hot water supply and steam heat. Exterior will be faced with pressed brick and terra cotta. Bids are now being taken on the structural steel and other parts of the work will be figured within a week or ten days.

SAN FRANCISCO—Hotel, 6 story and base, brick and steel, \$50,000. Architect, O. E. Evans, 2367 Mission street, S. F. Owner's name withheld. The building will be erected on Taylor street near Sutter, and will contain in the neighborhood of 120 guest rooms, all of which will have private baths. Interior will be finished in pine and hardwoods. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will be finished in tile. Entrance will be finished in marble. Some ornamental plaster will be used in the lobby. Exterior of the building will be faced with pressed brick and terra cotta. Plans are now being prepared.

SAN FRANCISCO—Hotel, 6 story and base, Class C construction, \$40,000. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, Dr. F. C. Keck. The building will be erected at the corner of O'Farrell and Leavenworth streets, and has been designed to contain 80 rooms, all of which will have private baths. Interior will be finished in pine and hardwood. There will be steam heat, elevator service and a hot water system. There will be one store besides the hotel lobby on the first floor. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are nearly ready for figures and bids will be called for within a week.

SAN FRANCISCO—Hotel, 5 story and base, Class C construction. Cost not stated. Architect, A. W. Burgren, Holbrook Bldg., S. F. Owner's name withheld. The building will be erected on Jones street near Leavenworth, covering an area of 45 by 120 feet. There will be a total of 80 guest rooms and 40 baths. Interior finish will be of

pine throughout. Plans provide for steam heat, elevator service and a hot water system. Bath rooms will have tile wainscot and composition floors. Some ornamental plaster will be used. Exterior of the building will be faced with pressed brick. Plans will be ready for figures within a week.

SAN FRANCISCO—Hotel, 7 story and base, Class C construction, \$75,000. Architects, L. B. Dutton & Co., Chronicle Bldg., S. F. Owner's name withheld. The building will be erected on the south side of Ellis street east of Mason, having a frontage of 52 feet and a depth of 100 feet. There will be a total of 84 guest rooms and 70 baths. Interior will be finished in pine and hardwood with some ornamental plaster in the lobby. There will be steam heat, elevator service, hot water system, vacuum cleaning, metal window sash and frames. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures will be called for shortly.

ARCATA, HUMBOLDT CO., CAL.—Hotel, 4 story and base, brick and steel, \$50,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Arcata Hotel Co. The building will be erected on one of the most important business corners and will be arranged for stores, hotel office, lobby and public dining room on the first floor. Upper floors will contain 80 guest rooms and a number of public and private baths. Interior will be finished in pine throughout. There will be steam heat, elevator service and a hot water supply. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Bids will close on June 12th.

RAILROAD CONST., STATIONS AND EQUIPMENT.

Contracts Awarded.

SAN DIEGO, CAL.—Railroad station, 1 and 2 story and base, reinforced concrete, \$210,000. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Santa Fe Railroad Co. Contractor, W. Simpson, San Diego. Contract price, \$210,000.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Exposition Natatorium, 1 story, frame and plaster, \$14,000 to \$15,000. Architect, Carl Werner, Phelan Bldg., S. F. Owners, Neptune Amusement Co., Monadnock Bldg. The building will be erected in the Concessions Division of the Exposition Grounds and will cover an area of 90 by 120 feet. There will be a large auditorium seating over 1,000 people, swimming tanks of tile, the largest of which will be 50 by 60 feet. Plans provide for a complete steam heating system and special water filters. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and out for figures. Bids will be opened on June 12th. Plans and specifications can be secured from the architect.

SAN FRANCISCO—Exhibit building, 1 story, frame and plaster. Cost not stated. Architect, C. W. Dickey, Central Bldg., Oakland. Owners, Territory of Hawaii. The building has been men-

tioned here a number of times before when the architect was first commissioned to prepare plans. The style of architecture will typify the country. Interior of the building has been arranged for display rooms and reception hall. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures will be called for at once.

SAN FRANCISCO—Exhibit building, 1 story, frame and plaster. Cost not stated. Architect, M. E. Metzinger, Dayton, Ohio. Owners, State of Ohio. Plans for the building which will be constructed for the State of Ohio have been completed and forwarded to this city for figures. Plans can be secured from either the Director of Works, Service Bldg., or from the Commissioner, D. B. Torpey, who is now at the Palace Hotel. The building has been designed for display space and reception rooms. Exterior will be covered with cement plaster on metal lath. Bids will be opened on June 4th.

SAN FRANCISCO—Exhibit building, 2 story, frame and plaster, \$80,000. Architect, A. F. Heide, 46 Kearny street, S. F. Owners, State of Washington. The following firms have applied for plans and specifications for the Washington State exhibit building from the office of Architect A. F. Heide, 203 Maskey Building, S. F. Bids will close at 12 o'clock, noon, June 10th. Bids should be at Mr. Heide's office on or before June 6th so same can be forwarded to Seattle: W. W. Hayes, L. A. Williams, Northwestern Construction Co., F. L. Hanson, Monson Bros., Larsen & Sampson, Knowles & Reichley, Lester H. Stock, J. L. Brown, J. Monk, J. Hannah, Poster-Vogt, Van Sant-Houghton Co., Murphy-Brooks Co., Pierre Zucco Co.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$7,500. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Dr. Louis Gross. The dwelling will be erected in Jordan Park, and has been designed to contain eight rooms, three baths and sleeping porch. A garage will also be erected on the rear of the lot. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the living room, dining room, library and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the house will be covered with cement plaster on metal lath. Plans are being revised and new figures will be called for shortly.

SAN FRANCISCO—Residence, 1½ story and base, frame, \$2,000. Architect, none. Owners, Oscar Heyman & Bro., 742 Market street, S. F. The dwelling will be erected on the east side of 21st avenue near Fulton, and has been designed to contain six rooms and bath. Interior will be finished in pine with oak floors. There will be a large open fire places in the living room. Mantel will be of tile. The wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, E. A. Schakade, 240 20th avenue, S. F. The dwelling has been designed for a seven-room house and will be erected on the east side of 19th avenue south of California. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the living room and dining room. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$8,500. Architect, Herman Barth, 12 Geary street, S. F. Owner, F. Stroh. The dwelling will be erected on 10th avenue between A and B streets, covering an area of 25 by 60 feet. The dwelling will contain eight rooms, two baths and sleeping porch. Interior will be finished in pine with elm panels and hardwood floors. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the house will be covered with shingles and pressed brick veneer. Plans have been out for figures and bids are now under advisement.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,000. Architect, none. Owner, Albert Mattson, 3919 Folsom street, S. F. The dwelling will be erected on the west side of Newton street south of Morse, and has been designed to contain six rooms and bath. Pine will be used for interior finish in all rooms. Some hardwood floors are specified. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,000. Architect, none. Owners, Parkside Home Building Co., 405 Crocker Bldg., S. F. The dwelling has been designed to contain six rooms and bath and will be erected on the east side of 20th avenue near Ulloa street. Interior will be finished in pine throughout. Hardwood floors will be used in the living and dining rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with shingles and klunker brick veneer. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 1½ story and base, frame, \$2,500. Architect, O. E. Evans, 2367 Mission street, S. F. Owner, B. S. Berry. The dwelling will be erected in the Cracker Amazon Tract, and has been designed to contain six rooms and bath. Interior will be finished in pine through-

out. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire place. Mantel will be of tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,250. Architect, none. Owners, McArthur Bros., 1560 Fell street, S. F. The house has been designed for a seven-room residence and will be erected on the east side of 5th avenue near Cabrillo. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. A brick veneer base will also be used. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are being purchased.

SAN FRANCISCO—Bungalow, 1½ story and base, frame, \$2,000. Architect, O. E. Evans, 2367 Mission street, S. F. Owner, A. Read. The dwelling will be erected on Laidley near Mateo, and has been designed to contain six rooms and bath. Interior finish will be of pine throughout. Oak floors will be used in the living and dining rooms. There will be a large open fire place in the living room with a tile mantel. An automatic water heater is specified. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath and rustic. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, E. Nelson, 39 Presidio Terrace, S. F. The dwelling will be erected at the northwest corner of California and 15th avenue, and has been designed to contain six rooms and bath. Interior finish will be of pine and hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

OAKLAND, CAL—Residence, 2 story and base, frame, \$3,000. Architect, George Anderson, 6046 Lawton avenue, Oakland. Owner, T. Anderson, 6046 Lawton avenue, Oakland. The dwelling has been designed for seven-room house with bath and sleeping porch and will be erected on Lawton avenue near Gray. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile floor and wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are com-

plete and the work will be done by Day Labor.

OAKLAND, CAL—Residence, 2 story and base, frame, \$4,000. Architect, Frederick Soderberg, Union Savings Bank Bldg., Oakland. Owner, Charles H. Burman. The dwelling will be erected on Mandana Blvd. near Paloma, and has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be largely of pine with some hardwood veneer. Hardwood and inlaid floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath rooms will have tile wainscot and floors, and will be equipped with showers. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL—Residences, 2, 2 story and base, frame, \$2,500 each. Architect, none. Owner, William A. Le Baron, 1029 45th avenue, Oakland. These two houses will be erected on Wentworth avenue near 54th avenue, and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood with some hardwood floors. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

PIEDMONT, ALABAMA CO., CAL—Residence, 1 story, attic and base, frame, \$10,000. Architect, Albert Parr, Foxcroft Bldg., S. F. Owner, Edgar H. Vance. The dwelling will be erected on Blair avenue between Highland and Bonita, and has been designed to contain ten rooms, several baths and a sleeping porch. A garage will also be erected on the lot. Interior finish will be of pine and hardwood. Hardwood floors will be used in the living room, dining room, library and den. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath rooms will be finished in tile and will have showers. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

PIEDMONT, ALABAMA CO., CAL—Residence, 1½ story, attic and base, frame, \$12,000. Architects, Milwan Bros., Delger Bldg., Oakland. Owner, Mrs. Stelle. The dwelling has been designed for a ten-room house with three baths and sleeping porch. The owner has a large lot on Park Way at the corner of Monte avenue. A garage will be erected in the rear. Interior will be finished in pine and hardwoods with hardwood and inlaid floors in the principal rooms. Plans provide for a central heating system, probably warm air, a vacuum cleaning system, open fire places and automatic water heaters. Bath rooms will have tile floors and wainscot and will be equipped with showers. Tile will also be used in the kitchen. Exterior of the dwelling will be covered with shingles. Plans are being prepared.

BERKELEY, ALABAMA CO., CAL—Residence, 2 story and base, concrete and steel, \$10,000. Architect, none.

Owner, S. A. Buchanan, 2947 Magnolia street, Berkeley. The dwelling will be erected at the northwest corner of Hillgard and La Verde, and has been designed to contain seven rooms and bath. There will be reinforced concrete walls and roof slabs and steel beams. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be faced with cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, \$10,000. Architect, Samuel Arnold, Sharon Bldg., S. F. Owner, Z. P. Smith. The dwelling will cover an area of 48 by 70 feet with a wing in which will be a large art gallery 24 by 47 feet. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath rooms will be finished in tile and equipped with showers. A private garage will be erected in the rear of the lot. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and figures will be called for within a week.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, E. A. Kruse. The dwelling will be erected in Thousand Oaks, and has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans have been revised and new figures are being taken.

SAN JOSE, SANTA CLARA CO., CAL.—Residences, 1 and 2 story and base, frame. Cost not stated. The following Day Labor jobs are reported as about to be started in San Jose: A. De Smet, 398 North 11th street, five-room cottage; F. O. Nelson, 249 South 13th street, six-room cottage; John Harter, East 12th street, five-room cottage; John Waihei, 180 North 12th street, two-room addition, and 1 Santaro, southwest Virgil and Locust avenue, 2 story store and flat. Materials are now being purchased.

WATSONVILLE, SANTA CRUZ CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, W. H. Weeks, 75 Post street, S. F. Owner, Roy Eaton. The dwelling has been designed for an eight-room house with two baths and sleeping porch. Interior will be finished in pine and hardwood. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath rooms will have tile floors and wainscot. An automatic water heater will be installed. Exterior

of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

WATSONVILLE, SANTA CRUZ CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, W. H. Weeks, 75 Post street, S. F. Owner, Dr. Wayland. The dwelling has been designed for an eight-room house with two baths and sleeping porch. Interior will be finished in pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot will be used in the bath rooms and kitchen. An automatic water heater will be installed. Showers will be used in the bath rooms. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

PALO ALTO, SANTA CLARA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, H. L. Haehl. The dwelling will contain eight rooms, bath and sleeping porch. Interior finish will be largely of pine with some elm. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile floor and wainscot and will be equipped with a shower. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

TOLENSA, SOLANO CO., CAL.—Residence, 1 story and base, frame, \$2,000. Architect, O. B. Evans, 2567 Mission street, S. F. Owner, C. Anderson. The dwelling has been designed for a six-room house with bath and will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. A large open fire place will be used in the living room. Mantels will be of tile. An automatic water heater is specified. Exterior of the dwelling will be covered with rustic and shingles. Plans are complete and the work is now out for figures.

PASADENA, LOS ANGELES CO., CAL.—Residence, 2 story and base, hollow tile construction, \$20,000. Architects, Richards-Neustadt Co. Wright and Callender Bldg., L. A. Owner, Mrs. E. M. Neustadt. The dwelling will contain twelve rooms, three baths and sleeping porch. Interior will be finished in pine, hardwoods and white enamel. Hardwood and inlaid floors will be used in the principal rooms. Plans provide for steam heat and a hot water system. Vacuum cleaning is also specified. Open fire places will be used. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors. Exterior of the house will be faced with cement plaster. Plans are complete and the work will be carried out by the Richards-Neustadt Co., Wright and Callender Bldg.,

Contracts Awarded.

SAN FRANCISCO—Residence, walls, etc., \$76,681. Architect, G. A. Applegar, 511 Call Bldg., S. F. Owner, A. B. Spreckels. Contractors, McGivray Stone Co. Contract price, \$76,681. Electric work, Butte Engineering and Electric Co., \$650. Ornamental iron grilles, Sartorius Co., \$1,950. Plumbing, William F. Wilson, \$1,893.

SCHOOLS.

BERKELEY, ALAMEDA CO., CAL.—College tennis courts. Cost not stated. Architect, none. Owners, Regents of the University of California. Bids are now being called for constructing the Hearst Tennis Courts on the grounds of the University of California at Berkeley. Plans and specifications can be secured from the office of the Comptroller at Berkeley. Bids must be in the hands of the Regents of the University not later than 10 o'clock a. m. on June 11th. An official proposal appears in another column of this issue.

CODORA, GLENN CO., CAL.—School, 1 story and base, frame, \$12,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Codora School District. The building will contain four class rooms and an assembly hall. Interior finish will be of pine throughout. Maple floors will be used in the class rooms. A warm air heating system will be installed. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

SANTA CRUZ, SANTA CRUZ CO., CAL.—School, 2 story and base, reinforced concrete, \$80,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Santa Cruz School District. The building has been designed to contain fourteen class rooms, assembly hall seating 600 people, domestic science and manual training departments and principal's office. Interior finish will be of pine and hardwood with maple floors in the class rooms. Plans provide for steam heat, oil burning system, program clocks and vacuum cleaning system. Exterior will be faced with cement plaster. Working drawings will be completed and ready for figures within ten days.

RIVERBANK, STANISLAUS CO., CAL.—School, 1 story and base, frame, \$10,000. Architects, Woollett & Woollett, Newhall Bldg., S. F. Owners, Riverbank School District. The building will contain four class rooms and an assembly hall. Interior will be finished in pine throughout. There will be a warm air system of heating. Exterior will be covered with cement plaster on metal lath. Plans are being prepared.

HOLTVILLE, IMPERIAL CO., CAL.—School, 1 story and base, reinforced concrete, \$50,000. Architects, Allison & Allison, Hibernal Bldg., L. A. Owners, Holtville School District. The building has been designed in the Mission style, and will contain twelve class rooms, assembly hall and principal's office. Interior will be finished in pine throughout. There will be a modern system of heating and ventilating. Exterior of the building will be covered with cement plaster. A red clay tile roof will be used. Plans are now being prepared.

ALHAMBRA, LOS ANGELES CO., CAL.—Schools, 4, 1 and 2 story, brick, \$100,000. Architects, Allison & Allison, Hibernal Bldg., L. A. Owners, Alhambra School District. An eight-room building will be erected at Ramona Acres, a four-room building on Fair Oaks avenue, and three-room primary buildings at the Garfield avenue and Marengo avenue school sites. The Ramona Acres and Fair Oaks buildings will have concrete foundations, hollow tile exterior walls and interior partitions, pine joists and floors, modern

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school plumbing, heating plant, cement plaster exterior and tile roof. The primary buildings will have brick walls, hollow tile partitions, tile roof and heating plant. Plans are being prepared.

Contracts Awarded.

CORCORAN, KINGS CO., CAL.—School, 2 story and base, brick, \$39,984. Architect, J. Carl Thayer. Forsythe Bldg., Fresno. Owners, Corcoran Union High School District. Contractors, Campbell & Turner, Ochsner Bldg., Sacramento. Contract price, \$39,984.

SEWERS, STREET WORK AND WATER SYSTEMS.

SAN FRANCISCO—Pumping plant and machinery. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for a sewage pumping plant and its equipment show Davis Rogers low for the construction at \$6,980 and for the machinery and equipment at \$10,948. He will probably be awarded the work.

CALIFORNIA—Highway construction. Cost not stated. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids opened at the last meeting of the State Highway Commission for the construction of highway in eight counties will be found under the heading of Sacramento, Stockton and Northern California in this issue.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Stores and offices, 2 story and base. Class C construction, \$15,000. Architect, C. E. Gottschalk. Phelan Bldg., S. F. Owner, James D. Phelan. The building will be erected on the north side of Sutter street east of Powell, and will contain one store on the first floor. Upper floor will be arranged for offices. Foundations and walls are designed heavy enough to carry additional stories. Interior finish will be of pine and hardwood. A cement floor will be used on the first floor. There will be patent store fronts. Exterior of the building will be faced with pressed brick and terra cotta. Plans are now being prepared.

SAN FRANCISCO—Store fixtures. Cost not stated. Architect, William H. Crim, Jr., 125 Kearny street, S. F. Owners name withheld. Plans are now being prepared for elaborate store fixtures for a new drug store which is to be opened in the Physicians' and Surgeons' Building at the corner of Powell and Sutter street. The work will require marble, tile, cabinet work, hardwood interior finish, ornamental plaster and art glass. Plans are nearly complete and figures will be called for shortly.

SAN FRANCISCO—Stores, 1 story and base. Class C construction, \$10,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners, Waterfront Realty Co. Plans have been completed for a building to be erected at the corner of Clay and East streets. There will be six stores. Interiors will be finished in pine throughout. Patent store fronts, marble wainscot and plate glass windows are specified. Exterior will be faced with pressed brick. Bids have been taken and a contract will be awarded in a few days.

HUGHSON, STANISLAUS CO., CAL.—Stores, 1 story and base, brick, \$6,000. Architect, W. H. Weeks, 75 Post street, S. F. Owner, George A. Kennedy. The building will contain two modern stores. Interior finish will be of pine and redwood. Plans provide for plate glass display windows and patent store fronts. A marble base will be used. Exterior will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

PORTLAND, ORE.—Stores and offices, 4 story and base. Class A construction, \$100,000. Architect, Aaron H. Gould, Henry Bldg., Portland. Owners, Ferrell Investment Co., Contractors, Boylston-Arnold Co., Panama Bldg., Portland. Contract price, \$100,000.

THEATRES.

FRESNO, FRESNO CO., CAL.—Theatre, \$50,000. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, T. C. White. The building will be erected on a corner of 1 street and will be fireproof throughout with a complete steel frame reinforced concrete walls, floors and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. Interior finish will be of pine, hardwoods and metal. Plans provide for steam heat, a modern system of ventilation and vacuum cleaning. The first floor will contain the theatre and several stores, while the upper floors will be arranged for modern offices. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

OAKLAND, CAL.—Theatre, 2 story and base. Class A construction, \$50,000. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, Roger Colt. The building will be class A throughout with a complete steel frame, reinforced concrete walls, floors and roof slabs. Interior will be finished in pine, hardwoods and metal trim. Plans provide for a steam heating system, vacuum cleaning and modern ventilation. There will be one store besides the theatre on the first floor. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and the architect is now taking figures on the work.

SEALED PROPOSALS.**PROPOSALS FOR CANAL SUPPLIES.**

OIL HANDLING PLANT—Proposals for Material for Oil Handling Plants including Pumps, Headers, Valves, Pipe and Fittings, Centrifugal Pump Unit, Complete, With Motor, Automatic Starting Apparatus, Float Switch, Etc., Altitude Gauges, Compound Gauge, Paving Brick and Piles.—Sealed proposals will be received at the office of the general purchasing officer, Panama Canal, Washington, D. C., until 10:30 a. m. June 11, 1914, at which time they will be opened in public, for furnishing the above mentioned articles. Plans and general information relating to this circular (No. 834) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; E. C. BOGGS, major, corps of engineers U. S. Army, general purchasing officer.

PROPOSALS FOR OLD MATERIAL.

SALE OF OLD MATERIAL—There will be sold at the navy yard, Mare Island, Cal., material belonging to the navy, to be used for the construction therein, consisting of whaleboats, cutters, launches, saws, medical and dental supplies, safes, furniture, ordinance, ordnance stores, scales, books, nautical instruments, clothing, shoes, incandescent lamps, musical instruments, pianos, machine tools, engines, motors, pumps, generating sets, boiler tubes, etc. The sale will be for cash to the highest bidder by sealed proposals to be opened at 10 o'clock a. m. June 11, 1914. Schedules containing form of proposals and terms of sale can be obtained upon application to the general storekeeper, Navy and Mare Island, Cal. JOSEPHUS DANIELS, Secretary of the Navy.

PROPOSALS FOR BRIDGE.

HIGHWAY BRIDGE—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals plainly marked on the outside of the sealed envelope "Proposals for Steel Highway Bridge Across the Colorado River at Yuma, Ariz." and addressed to the Commissioner of Indian Affairs, Washington, D. C., will be received at the Indian Office until 2 o'clock p. m. of June 6, 1914, for furnishing materials and labor for the erection of a steel highway bridge across the Colorado River at Yuma, Ariz., in strict accordance with the plans and specifications and instructions to bidders which may be examined at the office of the paper or periodical in which this advertisement appears, the U. S. Indian warehouse at San Francisco, Cal., and at the Fort Yuma School. For further information apply to the superintendent of the Fort Yuma Indian School, Yuma, Ariz. CATO SELLS, Commissioner.

PROPOSALS FOR REINFORCEMENT.

REINFORCEMENT FOR DYKE—Sealed proposals indorsed "Proposals for Reinforcement for Dyke No. 12" will be received at the bureau of canals and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. June 6, 1914, and then and there publicly opened for reinforcement of Dyke No. 12, United States navy yard, Mare Island, Cal. Plans and specifications can be obtained at the bureau of canals and docks or to the commandant of the navy yard named. H. R. STANDFORD, chief of bureau.

NOTICE TO CONTRACTORS.**PANAMA-PACIFIC INTERNATIONAL EXPOSITION.**

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213 in the Service Building, Fillmore and Chestnut streets, San Francisco, California, at 9:00 A. M., Thursday, May 28, 1914, for Constructing The Scaffolding Pier in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Ten Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

BIDS will be received up to June 12th, 1914, for a frame Natatorium, 90x120 ft. Building to be erected in Amusement Street, Exposition Site.

For further particulars, plans and specifications apply to N. E. F. T. N. E. AMUSEMENT CO., Room 21, Monahan Bldg., San Francisco. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received at the office of the Comptroller, University of California, Berkeley, Cal., at 10 A. M., Thursday, June 11, 1914, for the construction of the Debra Hall dormitory, on the grounds of the University of California, Berkeley, as per plans and specifications on file at said office. A deposit of \$5.00 will be required for each set of plans and specifications, which will be refunded upon return of said plans and specifications.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA. (*)

PROPOSALS FOR CONSTRUCTING DREDGE.

DREDGE—Sealed proposals for constructing the steel sea-going hydraulic hopper dredge San Pablo will be received at this office until 11 o'clock a. m., June 18, 1914, and then publicly opened. Information on application to THOMAS H. REES, lieutenant colonel, engineers, custom house, San Francisco.

STATE OF CALIFORNIA.

DEPARTMENT OF ENGINEERING. CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 315 Forum Bldg., Sacramento, Cal., until the time hereinafter noted, at which time they will be publicly opened and read, for construction in accordance with the specifications hereon or to which reference is made, portions of State highway as follows:

Until 11 o'clock A. M. June 18th, 1914, Shasta County from La Grana to Hazel Creek P. O. (II-Sha-3-D), about 9.9 miles in length, to be graded.

Yuba County from the southerly boundary to Corning (II-Yub-7-A), about 8.8 miles in length, to be built of Portland cement concrete.

Butte County from Line Channel to the northerly boundary (III-But-3-D),

about 11.2 miles in length, to be built of Portland cement concrete.

Glenn County from Grapit to the northerly boundary (III-Gle-7-O), about 7 miles in length, to be built of Portland cement concrete.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the said office, and they may be seen at the offices of the Division Engineers of the divisions in which the work is situated. The Division Engineers' offices are located at Williams, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the

'Notice to Contractors' annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

CHARLES D. BLANEY,
NEVELL D. DARLINGTON,
CHARLES F. STERN,
California Highway Commission.
AUSTIN B. FLETCHER,
Highway Engineer.

WILSON R. ELLIS,
Secretary. T

Dated: May 5, 1914.

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal., May 6, 1914.—SEALED PROPOSALS in triplicate, for constructing railroad track system for Army Supply Depot, Fort Mason, Cal., will be received here until 11 A. M. June 6, 1914, and then opened. Plans, etc., can be obtained here. Deposit of \$25.00 required to insure return of plans, etc. Proposals to be enclosed in sealed envelopes and addressed to GEO. McK. WILLIAMSON, Lt. Col., Q. M. C. (*)

NOTICE TO CONTRACTORS.

SEALED PROPOSALS for the construction of the Washington State Building at the Panama-Pacific Universal Exposition, at San Francisco, will be received at the office of the Washington State Exposition Commission, 709 Central Building, Seattle, Wash., until 12 o'clock, noon, June 10th, 1914.

Plans and specifications prepared by A. F. Helde, Architect, are on file at the office of the Commission and at the office of A. F. Helde, 46 E. Second St., San Francisco. Cash deposit required on plans.

The successful bidder will be required to furnish an approved bond in the full amount of the contract. Proposals must be accompanied by certified check in the sum of 5 per cent of the amount bid.

The Commission reserves the right to reject all and all proposals.

WASHINGTON STATE EXPOSITION COMMISSION.

John Schram, President.
Lewis W. Clark, Secretary.
Date of first publication, 22nd Day of May. (*)

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal., May 22, 1914.—SEALED PROPOSALS in triplicate for constructing an additional water system at Fort Winfield Scott, Cal., will be received here until 11 A. M. June 11, 1914, and then opened. Plans, specifications, etc., obtained here. Deposit of \$10.00 required to insure return of plans, etc. Proposals to be enclosed in sealed envelopes and addressed to LIEUT. COL. GEO. McK. WILLIAMSON, Q. M. C. (*)

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., April 28, 1914.—SEALED PROPOSALS will be opened in this office at 3 P. M., on June 9, 1914, for the construction, including mechanical equipment, lighting fixtures and approaches)

of a two-story and basement (with a one-story rear extension) of a brick-faced building of 6,000 square feet ground area; nonfireproof construction (except first floor); composition and tile roof; for the United States post office at Chico, Cal. Drawings and specifications may be obtained from the Architect at Chico, Cal., or at this office, in the discretion of the Supervising Architect. O. WENDEROTH, Supervising Architect. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 10 A. M., Thursday, June 18, 1914, for Constructing The Ferry Building, in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$25.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Twenty-five Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

PROPOSALS FOR MACHINERY.

MACHINERY AND VALVES—U. S. Engineer Office, Burke Building, Seattle, Wash.—Sealed proposals for machinery and valves for Lake Washington Canal locks will be received at this office until 12 m. June 15, 1914, and then publicly opened. Information on application to submit bona fide bids will be given at Seattle, Wash.; Chicago, Ill., and Pittsburgh, Pa. J. B. CAVANAUGH, major, engineers.

PROPOSALS WANTED FOR FURNISHING AND EQUIPPING NEW SAN FRANCISCO HOSPITAL.

SEALED PROPOSALS FOR FURNISHING the required Furniture, White Enamel Furniture, China, Glassware and Enamelware, Cutlery and Kitchen Utensils, Bedding, Linen and Clothing, X-Ray Apparatus, Surgical Instruments, for the new Crocker-Henrichsen Hospital will be opened in open session of the Board of Supervisors on June 29th, 1914, at 3 p. m.

Proposals blanks furnished on application.

J. S. DUNNIGAN, Clerk.

PROPOSALS FOR BUILDING.

BRICK FOR INDUSTRIAL BUILDING—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals plainly marked on the envelope "The sealed envelope 'Proposals for Brick Industrial Build-

ing, Phoenix Indian School, Ariz.," and addressed to the commissioner of Indian Affairs, Washington, D. C., will be received at the Indian Office until 2 o'clock p. m. of June 8, 1914, for furnishing materials and labor for the construction of a girl's brick industrial building at the Phoenix Indian School, Ariz. In strict accordance with the plans and specifications and instructions to bidders, which may be examined at the office of the paper or periodical in which this advertisement appears, the U. S. Indian warehouse at San Francisco, Cal., and at the Phoenix Indian School. For further information apply to the superintendent of the Phoenix Indian School, Phoenix, Ariz. CATO SELLS, commissioner.

PROPOSALS FOR LIFT AND PUMP PLANT.

FREIGHT LIFT AND PUMP PLANT—Treasury Department, Supervising Architect's Office, Washington, D. C.—Sealed proposals for furnishing and installing this office at 3 o'clock p. m., June 10, 1914, and then opened for miscellaneous changes, hydraulic lift, pumping plant, etc., at the U. S. Indian warehouse at Astoria, Ore., in accordance with specification and drawings, copies of which may be obtained at this office, at the discretion of the supervising architect, O. WENDEROTH, supervising architect.

NOTICE TO CONTRACTORS.

SEALED bids will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Monday, June 8, 1914, said bids then and there to be publicly opened and read for furnishing all material, except glass, for the Green House Superstructure of a building to be known as the New Conservatory, State Capitol Park, Sacramento, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Five (\$5) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope "Greenhouse Superstructure, State Capitol Park, Sacramento, California." (Signed) W. F. McClure, State Engineer.

NOTICE TO CONTRACTORS.

SEALED bids will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Monday, June 8, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the New Conservatory, State Capitol Park, Sacramento, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Five (\$5.00) Dollars will be required on plans and specifications,

the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope "Proposal for New Conservatory, State Capitol Park, Sacramento, California." (Signed) W. F. McClure, State Engineer.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., May 2, 1914.—SEALED PROPOSALS will be received at this office until 3 o'clock p. m., June 10, 1914, and then opened for furnishing and installing lighting fixtures in the United States substructure at San Francisco, Cal., in accordance with the specifications and drawings enumerated therein, copies of which may be obtained at this office, at the discretion of the Supervising Architect, O. WENDEROTH, Supervising Architect. (*)

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

EXPOSITION NATATORIUM—1 story, frame and plaster, \$14,000 to \$15,000. San Francisco, Architect, Carl Werner, Phelan Bldg., S. F. Owners, Neptune Amusement Co., 318 Mondrino Bldg., S. F. The building will be erected in the Concessions Division of the Exposition Grounds, and will cover an area of 90 by 120 feet. There will be a large auditorium seating over 1,000 people, swimming tanks of tile, the largest of which will be 30 by 60 feet. Plans provide for a complete steam heating system and special water filters. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and out for figures. Bids will be opened on June 15th. Plans and specifications can be secured from the architect.

EXHIBIT BUILDING—1 story, frame and plaster. Cost not stated. San Francisco, Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owners, Territory of Hawaii. The building has been mentioned here a number of times before when the architect was first commissioned to prepare plans. The style of architecture will typify the county. Interior of the building has been arranged for display rooms and reception hall. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures will be called for at once.

EXHIBIT BUILDING—1 story, frame and plaster. Cost not stated. San Francisco, Architect, M. E. Metzinger, Dayton, Ohio. Owners, State of Ohio. Plans for the building which will be constructed for the State of Ohio have been completed and forwarded to this city for figures. Plans can be secured from either the Director of Works, Service Bldg., or from Commissioner D. B. Torrey, who is now at the Palace Hotel. The building has been designed for display space and reception rooms. Exterior will be covered with cement plaster on metal

lath. Bids will be opened on June 4th. **EXHIBIT BUILDING**—2 story, frame and plaster, \$80,000. San Francisco, Architect, A. F. Heide, 46 Kearny street, S. F. Owners, State of Washington. The following firms have applied for plans and specifications for the Washington State exhibit building from the office of Architect A. F. Heide, 203 Maskey Bldg., S. F. Bids will close at 12 o'clock, noon, June 10th. Bids should be at Mr. Heide's office on or before June 6th, so same can be forwarded to Seattle: W. W. Hayes, L. A. Williams, Northwestern Construction Co., F. L. Hanson, Monson Bros, Larsen & Sampson, Knowles & Reichley, Lester H. Stock, J. L. Brown, J. Monk, J. Hannah, Foster-Vogt, Van Sant Houghton Co., Murphy-Brooks Co., Pierre Zucco Co.

APARTMENT HOUSE—2 story and base, frame, \$16,000. San Francisco, Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner, John McConaughy. The building will be erected at the corner of Army and Serpentine streets, and has been designed to contain a number of two and three room suites. All apartments will have wall beds and private bath rooms. There will be a central heating system and hot water supply. Bath rooms will have composition floors and tile wainscot. Interior will be finished in pine and redwood. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE—5 story and base, reinforced concrete, \$20,000. San Francisco, Architect, L. M. Hausman, Sharon Bldg., S. F. Owner, J. S. Fournier. The building will be erected on the south side of O'Farrell street east of Jones, covering an area of 22½ by 60½ feet. There will be nine apartments of two and three rooms. Interior finish will be of pine with some elm panels and hardwood floors. Plans provide for steam heat, elevator service and a hot water supply. All suites

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., May 2, 1914.—SEALED PROPOSALS will be opened in this office at 3 p. m., June 18, 1914, for the construction complete (including mechanical equipment, interior lighting fixtures and approaches) of the United States post office at Hanford, Cal. The building is one-story, with a mezzanine and basement, with a ground area of approximately 4,515 square feet; stone, stucco, and terra cotta facing; composition and the roof of first floor of fireproof construction. Drawings and specifications may be obtained from the custodian of site at Hanford, Cal., or at this office, in the discretion of the Supervising Architect, O. WENDEROTH, Supervising Architect. (*)

will have wall beds and private bath rooms. Tile wainscot and composition floors will be used in the bath rooms. Entrance will be finished in tile and marble. Exterior of the building will be faced with cement plaster. Plans are complete and figures have been taken under advisement. A contract will be awarded shortly.

APARTMENT HOUSE—3 story and base, frame, \$10,000, San Francisco. Architect, E. P. Antonovich, 333 Kearny street, S. F. Owner, W. E. Trefts. The building will be erected at the corner of Green and Steiner streets, and has been designed to contain suites of two and three rooms with wall beds and private bath rooms. Interior finish will be of pine, redwood and elm panels. Some oak floors will be used. There will be a central heating system and hot water supply. All bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Plans are complete and figures are being taken.

APARTMENT HOUSE—6 story and base, Class C construction. Cost not stated. San Francisco. Architect, J. R. Miller, Lick Bldg., S. F. Owner's name withheld. The building will be erected on Ellis street between Jones and Leavenworth. There will be a number of suites arranged in two, three and four rooms. Interior finish will be of pine with elm panels and some oak floors. Plans provide for steam heat, elevator service, hot water system and vacuum cleaning. All suites will have wall beds and private bath rooms. The wainscot and composition floors will be used in the bath bath rooms. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are complete and figures have been taken under advisement. An award of contract will be made this week.

APARTMENT HOUSE—3 story and base, frame, \$20,000, San Francisco. Architect, O. E. Evans, 2367 Mission street, S. F. Owner's name withheld. The building will be erected in the southern part of the city, and has been designed to contain 21 modern apartments of two and three rooms with private baths and wall beds. Interiors will be finished in pine and redwood. Plans provide for steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

APARTMENT HOUSE—3 story and base, frame, \$10,000, San Francisco. Architect, E. P. Antonovich, 333 Kearny street, S. F. Owner, F. J. Clark. The building will be erected on the east side of Lapidge street near 18th, and will contain six suites of three and four rooms. Interior finish will be of pine throughout with some hardwood floors. All suites will have wall beds and private bath rooms. Plans provide for a central heating system and hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures will be called for at once.

APARTMENT HOUSE—2 story and base, frame. Cost not stated. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Own-

er, Mrs. C. Dorn. The building will be erected on the east side of Pierce street south of Page, and has been designed to contain four suites of four rooms and bath each. Interior will be finished in pine, redwood and elm panels. Some hardwood floors will be used. Plans provide for a hot water system. Bath rooms will be finished in tile and will have composition floors. All suites will have wall beds and private bath rooms. Exterior of the building will be covered with shiplap and pressed brick veneer. Plans are complete and figures are now being taken.

APARTMENT HOUSES—2, 3 story and base, frame, \$15,000, San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Carl and Theo Rulis. These two buildings will be erected on the east side of Franklin street south of Clay. Each building has been designed to contain six suites of four rooms and bath. Each building will have a frontage of 30 feet and a depth of 55 feet. Interiors will be finished in pine, redwood and some elm panels. Hardwood floors will be used in the living and dining rooms. There will be steam heat and a hot water system. Portable vacuum cleaners will be installed. Bath rooms will have tile wainscot and composition floors. All apartments will be equipped with wall beds. Exterior of the buildings will be covered with cement plaster. Plans are nearly complete and figures will be taken this week.

RESIDENCE—2 story and base, frame, \$7,500, San Francisco. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Dr. Louis Gross. The dwelling will be erected in Jordan Park, and has been designed to contain eight rooms, three baths and sleeping porch. A garage will also be erected on the rear of the lot. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the living room, dining room, library and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the house will be covered with cement plaster on metal lath. Plans are being revised and new figures will be called for shortly.

RESIDENCE—1½ story and base, frame, \$2,000, San Francisco. Architect, none. Owners, Oscar Heyman & Bro., 742 Market street, S. F. The dwelling will be erected on the east side of 24th avenue near Fulton, and has been designed to contain six rooms and bath. Interior will be finished in pine with some oak floors. There will be a large open fire place in the living room. Mantel will be of tile. The wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$3,000, San Francisco. Architect, none. Owner, E. A. Schkade, 240 20th avenue, S. F. The dwelling has been designed for a seven-room house and will be erected on the east side of 19th avenue south of California. Interior finish will be of pine with some

elm panels. Hardwood floors will be used in the living room and dining room. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$8,500, San Francisco. Architect, Herman Barth, 12 Geary street, S. F. Owner, F. Stroh. The dwelling will be erected on 10th avenue between A and B streets, covering an area of 25 by 60 feet. The dwelling will contain eight rooms, two baths and sleeping porch. Interior will be finished in pine with elm panels and hardwood floors. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the house will be covered with shingles and pressed brick veneer. Plans have been out for figures and bids are now under advisement.

RESIDENCE—2 story and base, frame, \$2,000, San Francisco. Architect, none. Owner, Albert Mattson, 3919 Polson street, S. F. The dwelling will be erected on the west side of Newton street south of Morse, and has been designed to contain six rooms and bath. Pine will be used for interior finish in all rooms. Some hardwood floors are specified. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$3,000, San Francisco. Architect, none. Owners, Parkside Home Building Co., 408 Crocker Bldg., S. F. The dwelling has been designed to contain six rooms and bath and will be erected on the east side of 20th avenue near Ulloa street. Interior will be finished in pine throughout. Hardwood floors will be used in the living and dining rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with shingles and klinker brick veneer. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—1½ story and base, frame, \$2,500, San Francisco. Architect, O. E. Evans, 2367 Mission street, S. F. Owner, B. S. Berry. The dwelling will be erected in the Crocker Amazon Tract, and has been designed to contain six rooms and bath. Interior will be finished in pine throughout. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire place. Mantel will be of tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath.

Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$3,250. San Francisco. Architect, none. Owners, McArthur Bros., 1560 Fell street, S. F. The house has been designed for a seven-room residence, and will be erected on the east side of 5th avenue near Cabrillo. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. A brick veneer base will also be used. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are being purchased.

BUNGALOW—1½ story and base, frame, \$2,000. San Francisco. Architect, O. E. Evans, 2367 Mission street, S. F. Owner, A. Read. The dwelling will be erected on Laidley near Mateo, and has been designed to contain six rooms and bath. Interior finish will be of pine throughout. Oak floors will be used in the living and dining rooms. There will be a large open fire place in the living room with a tile mantel. An automatic water heater is specified. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath and rustic. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco. Architect, none. Owners, F. Nelson, 30 Presidio Terrace, S. F. The dwelling will be erected at the northwest corner of California and 15th avenue, and has been designed to contain six rooms and bath. Interior finish will be of pine and hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

FLATS—3 story and base, frame, \$3,500. San Francisco. Architect, Paul D. De Martini, 2123 Powell street, S. F. Owner's name withheld. The building will be erected on the north side of Filbert street between Polk and Larkin streets and has been designed to contain three flats of five and six rooms. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Automatic water heaters will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are now being taken.

CHURCH—2 story and base. Class C construction, \$75,000. San Francisco. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owners, Second Church of Christ, Scientist. The build-

ing will be erected at the corner of Dolores and Cumberland streets and will cover a considerable ground area. There will be a large main auditorium. Sunday school rooms and reading rooms. Interior will be finished in pine throughout. Plans provide for steam heat and a modern system of ventilation. Art glass will be used. Ornamental plaster is also specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be taken within the next two or three weeks. Further mention will be made of the work.

FLATS—2 story and base, frame, \$4,000. San Francisco. Architect, W. S. Rhodes, 3372 16th street, S. F. Owner's name withheld. The building will be erected on 20th street between Dolores and Guerrero, and has been designed to contain two flats of six rooms and bath each. Interiors will be finished in pine throughout. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Entrance will be finished in tile. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are now being prepared.

FLATS—3 story and base, frame, \$4,000. San Francisco. Architect, O. E. Evans, 2367 Mission street, S. F. Owner, Gertrude I. Pherson. The building will be erected on the north side of Cortland avenue near Montre, and will be arranged for a store on the first floor and two five-room flats above. Interiors will be finished in pine and redwood. Some hardwood floors will be used. There will be open fire places and tile mantels. Automatic water heater will be installed. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$6,000. San Francisco. Architect, O. E. Evans, 2367 Mission street, S. F. Owner's name withheld. The building will be erected on Page street between Shrader and Stanyan streets. Each flat will contain six rooms and bath. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be large open fire places in each of the living rooms. Mantels will be of tile. Automatic water heaters will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

FLATS—2, 3 story and base, frame, \$5,000. San Francisco. Architect, L. Traverso, 854 Union street, S. F. Owner, F. Torriggino. These two buildings will be erected on adjoining property on the east side of Jasper Place north of Green street. Each building will have a frontage of 22½ feet by a depth of 33 feet 3 inches. There will be three flats in each consisting of five rooms and bath. Interiors will be finished in pine and redwood. There will be gas grates and tile mantels. Bath rooms will have tile wainscot. Automatic water heaters will be installed. Exterior will be covered with cement plaster on metal lath and rustic. Plans are com-

plete and the work will be done by Day Labor. Materials are now being purchased.

FLATS—2 story and base, frame, \$3,000. San Francisco. Architect, O. E. Evans, 2367 Mission street, S. F. Owner, Gertrude I. Pherson. The building will be erected on the north side of Highland avenue west of Holly Park, and has been designed to contain two modern flats of five and six rooms. Interiors will be finished in pine throughout. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Automatic water heaters will be installed. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with cement plaster on metal lath and rustic. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$6,000. San Francisco. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner, John McCormick. The building will be erected on 5th avenue at the corner of C street, and has been designed to contain two flats of six rooms and bath each. Pine and redwood with elm panels will be used in the living rooms and dining rooms. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Automatic water heaters will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

GARAGE—1 story and base, reinforced concrete and steel, \$30,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. The building will be erected in the Western Addition and will cover a large ground area. Construction will be fireproof throughout with reinforced concrete walls, floors and roof slabs. Steel roof trusses will be used. Besides the usual storage space plans provide for a machine shop and offices. Interior will be finished in pine. There will be metal window frames and cash and special gasoline storage tanks. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

HOSPITAL ADDITION—3 story and base. Class A construction. Cost not stated. San Francisco. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Leland Stanford University. The present Lane Hospital, located on Webster street between Clay and Sacramento, will be enlarged by the construction of a five-story addition. The new portion of the building will contain wards, private rooms and lecture rooms. Construction will be fireproof with a complete steel frame and brick exterior walls. Interior will be finished in pine and metal. Modern hospital plumbing and fixtures will be installed. Exterior will be faced with pressed brick. Plans are nearly complete and figures will be called for during the present month.

HOTEL—6 story and base, reinforced concrete, \$30,000. San Francisco. Architect, O. E. Evans, 2367 Mission street, S. F. Owner's name withheld. The building will be erected on Mission street between 17th and 18th streets, and will cover a considerable ground area. There will be stores on the first floor and about 65 guest rooms on the upper floors. Interior will be finished in pine throughout. There will be steam heat, elevator service

and a hot water supply. Bath rooms will have tile wainscot and composition floors. Patent store fronts will be used. Exterior of the building will be faced with cement plaster. Plans are being prepared.

HOTEL—15 story and base. Class A construction, \$190,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, J. Sackolov. This building will be erected on the west side of Powell street 90 feet north of Post, and will have a frontage of 46 feet and a depth of 80 feet. Construction will be fireproof throughout with a complete steel frame, brick exterior walls and hollow tile interior partitions. Plans provide for a total of 140 guest rooms and 110 baths. Interior finish will be of pine and hardwood. There will be elevator service, vacuum cleaning, hot water supply and steam heat. Exterior will be faced with pressed brick and terra cotta. Bids are now being taken on the structural steel and other parts of the work will be figured within a week or ten days.

HOTEL—6 story and base, brick and steel, \$80,000. San Francisco. Architect, O. E. Evans, 2367 Mission street, S. F. Owner's name withheld. The building will be erected on Taylor street near Sutter, and will contain in the neighborhood of 126 guest rooms, all of which will have private baths. Interior will be finished in pine and hardwoods. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will be finished in tile. Entrance will be finished in marble. Some ornamental plaster will be used in the lobby. Exterior of the building will be faced with pressed brick and terra cotta. Plans are now being prepared.

HOTEL—6 story and base. Class C construction, \$140,000. San Francisco. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, Dr. F. C. Keek. The building will be erected at the corner of O'Farrell and Leavenworth streets, and has been designed to contain 50 rooms, all of which will have private baths. Interior will be finished in pine and hardwood. There will be steam heat, elevator service and a hot water system. There will be one store besides the hotel lobby on the first floor. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are nearly ready for figures and bids will be called for within a week.

HOTEL—5 story and base. Class C construction. Cost not stated. San Francisco. Architect, A. W. Burgren, Holbrook Bldg., S. F. Owner's name withheld. The building will be erected on Jones street near Leavenworth, covering an area of 45 by 126 feet. There will be a total of 80 guest rooms and 40 baths. Interior finish will be of pine throughout. Plans provide for steam heat, elevator service and a hot water system. Bath rooms will have tile wainscot and composition floors. Some ornamental plaster will be used. Exterior of the building will be faced with pressed brick. Plans will be ready for figures within a week.

HOTEL—7 story and base. Class C construction, \$75,000. San Francisco. Architects, L. B. Dutton & Co., Chronicle Bldg., S. F. Owner's name withheld. The building will be erected on the south side of Ellis street east of Mason, having a frontage of 52 feet

and a depth of 100 feet. There will be a total of 84 rooms and 70 baths. Interior will be finished in pine and hardwood with some ornamental plaster in the lobby. There will be steam heat, elevator service, hot water system, vacuum cleaning, metal window sash and frames. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are complete and figures will be called for shortly.

PUMPING PLANT AND MACHINERY—Cost not stated. San Francisco. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for a sewage pumping plant and its equipment show Davis Rogers low for the construction at \$6,980 and for the machinery and equipment at \$10,948. He will probably be awarded the work.

STORES AND OFFICES—2 story and base. Class C construction, \$15,000. San Francisco. Architect, C. E. Gottschalk, Phelan Bldg., S. F. Owner, James D. Phelan. The building will be erected on the north side of Sutter street east of Powell, and will contain one store on the first floor. Upper floor will be arranged for offices. Foundations and walls are designed heavy enough to carry additional stories. Interior finish will be of pine and hardwood. A cement floor will be used on the first floor. There will be patent store fronts. Exterior of the building will be faced with pressed brick and terra cotta. Plans are now being prepared.

STORE FIXTURES—Cost not stated. San Francisco. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner's name withheld. Plans are now being prepared for elaborate store fixtures for a new drug store which is to be opened in the new Physicians' and Surgeons' Building at the corner of Powell and Sutter streets. The work will require marble, tile, cabinet work, hardwood interior finish, ornamental plaster and art glass. Plans are nearly complete and figures will be called for shortly.

STORES—1 story and base. Class C construction, \$10,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners, Waterfront Realty Co. Plans have been completed for a building to be erected at the corner of Clay and East streets. There will be six stores. Interiors will be finished in pine throughout. Patent store fronts, marble wainscot and plate glass windows are specified. Exterior will be faced with pressed brick. Bids have been taken and a contract will be awarded in a few days.

Contracts Awarded.

RESIDENCE, WALLS, ETC.—\$76,681. San Francisco. Architect, G. A. Applegarth, Call Bldg., S. F. Owner, A. B. Spreckels. Contractors, McGilvray Stone Co., contract price, \$76,681; electric work, Butte Engineering and Electric Co., \$650; ornamental iron grilles, Sartorius Co., \$1,950; plumbing, William F. Wilson, \$1,893.

City Bids Opened.

Bids were opened by the Board of Supervisors on San Francisco on Wednesday, May 27, for three projects, as follows:

The construction of a retaining wall

and sidewalk for the Home Park, located at Harrison and Sterling sts.
M. Schlosser.....\$ 850
F. J. Moore..... 896
J. S. Harney..... 1469
C. A. De Camp..... 840

The construction of a sewage pumping station at Forty-eighth avenue and Fulton street.

Davis Rogers Co.....\$6980
Heckenroth & Schell..... 9470
H. L. Peterson (no check).....
F. Rolandi.....12900

Machinery for pumping station, 48th avenue and Fulton street.

Krogh Mfg. Co.....\$11,900
Davis Rogers Co..... 10,948
Power Equipment Co..... 11,523
Byron Jackson Iron Wks., 11,955
H. L. Peterson (no check).....

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

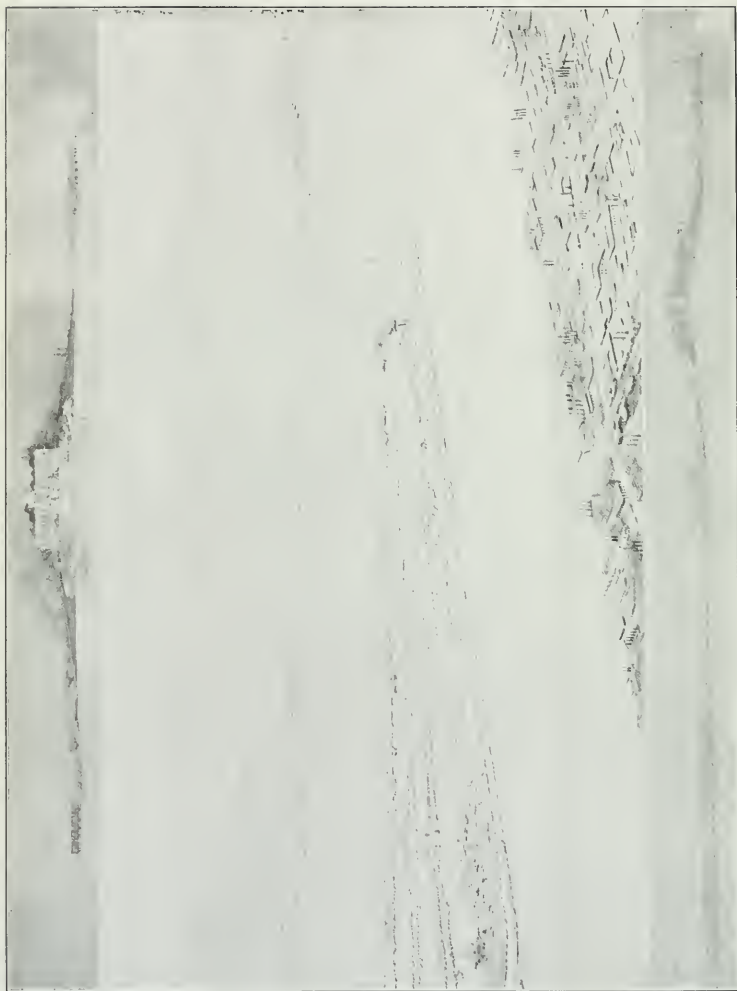
No.	Owner	Contractor	Am't.
1801	Nelson	Nelson	2500
1802	Nelson	Nelson	2500
1803	Marini	Marini	500
1804	Marini	Marini	500
1805	Parrott	Robinson	1500
1806	Monarch Oil	Perguson	350
1807	Petry	Petry	400
1808	Petry	Petry	400
1809	Rucker	Wilson	400
1810	Renstrom	Renstrom	700
1811	Renstrom	Renstrom	700
1812	Yates	Yates	3800
1813	Roundy	Roundy	400
1814	Anderson	Anderson	1800
1815	O'Brien	Sisson	2357
1816	Martin	Newberry	5175
1817	White	Nichols	2015
1818	Schwarzbeck	Johanson	1610
1819	Pacific Gas & E. Co.	Schaw	41183
1820	P. P. I. E.	Strehlow	259182
1821	Same	Scott	14295
1822	Same	Strehlow	7732
1823	Schlessinger	Coburn	31540
1824	U. R. R.	U. R. R.	600
1825	Schklade	Schklade	2750
1826	Emert	Emert	500
1827	Schmidt	Schmidt	1000
1828	Rhodes	Rhodes	400
1829	Lamont	Lamont	500
1830	Bannan	Helbing	12350
1831	Arjo	Western Union	4267
1832	Comb. Am.	Powers	2100
1833	Devencenzi	Devencenzi	550
1834	Trombetta	Devencenzi	8500
1835	Western Un.	McMullen	3348
1836	Seirlybe	Overton	4900
1837	Leslie	Jarvis	7700
1838	Westgate Park	Bartlett	5252
1839	Evans	McSheehy	4200
1840	Sale	Leigh	1000
1841	Drees	Leigh	2845
1842	Carlson	Little	4840
1843	Rettig	Hansen	2000
1844	Tait	Klyce	18844
1845	Boicelli	Mitrovich	6250
1846	Same	Same	3000
1847	Stro Invest	Owner	7000
1848	Same	Same	12000
1849	Cramer	Anderson	3054
1850	Cavagnaro	Debedentel	2880
1851	Spreckels	Butte	500
1852	Same	Sartorius	1950
1853	Same	McGilvray	76681
1854	Same	Wilson	1803
1855	Witsche	Houle	2013
1856	Heyman	Heyman	1600
1857	Mattson	Mattson	2000
1858	Parkside Bldg.	Owner	3000
1859	MacArthur	MacArthur	3250
1860	Call Concessions	McConnell	25000
1861	Zellerbach	Zaro	8175

(1801) E ARGUELLO BLVD. 150 S California. Two-story and basement frame dwelling.

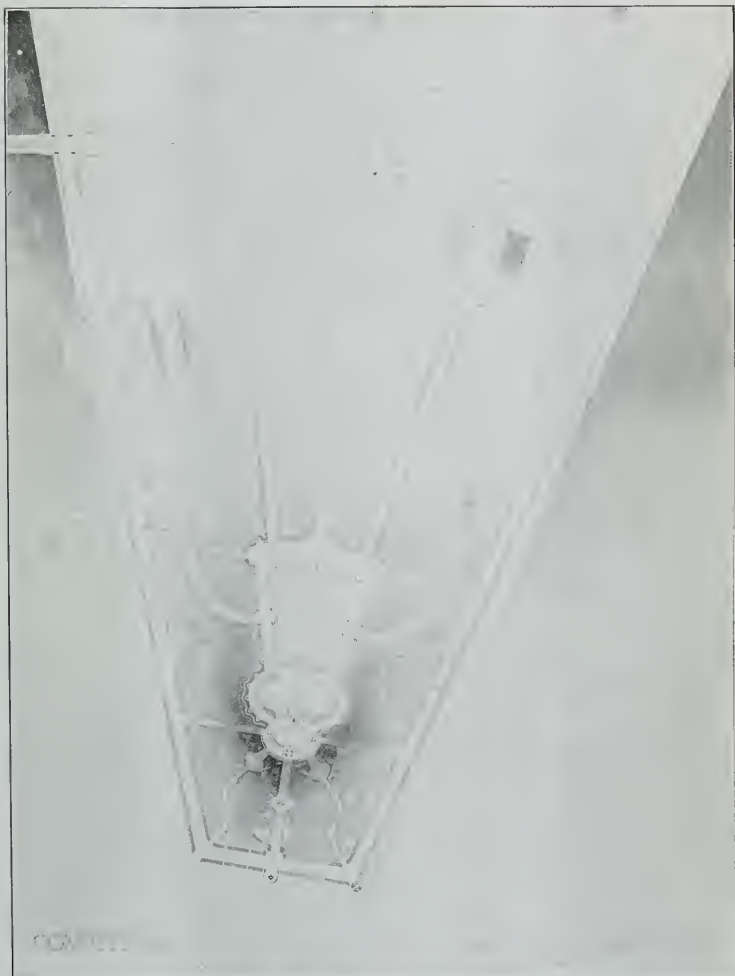
Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.
Architect.....None.
Day's work.....COST, \$2500

(102) E ARGUELLO BLVD. 175 S California. Two-story and basement frame dwelling.

Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.
Architect.....None.
Day's work.....COST, \$2500



Righetti & Headman, Architects
San Francisco



Righetti & Headman, Architects
San Francisco

(1803) NO. 2851 TWENTY-FIFTH. Sub-divide 8-room flat into two 3-room apartments with baths. Install new plumbing and stair case. Owner.....Frank Marini, 649 Green, San Francisco. Architect...None. Day's work. COST, \$300

(1804) NO. 685 BROADWAY. Repair and alter store. Owner.....F. and C. Arnold, Alameda. Architect...None. Contractor..Californoa Carpentry Shop Co., 1249 1/2 Grant Ave., S. F. COST, \$600

(1805) NE SANSOME AND SUTTER. Erect office partitions on 2nd floor. Owner.....Parrott Estate, NW California and Montgomery, San Francisco. Architect...None. Contractor..Robinson & Gillespie, 1051 Sutter, San Francisco. COST, \$1500

(1806) SW VAN NESS AVE AND SACRAMENTO. Minor repairs to auto station. Owner.....Monarch Oil Refining Co., California & Davis, S. F. Architect...None. Contractor..Ferguson & Zoekle Co., 805 Crocker Bldg., S. F. COST, \$350

(1807) W ELEVENTH AVE 275 S Cabrillo. Two-story and basement frame (2) flats. Owner.....A. Petry, 336 Pierce, S. F. Architect...None. Day's work. COST, \$4850

(1808) W ELEVENTH AVE 250 S Cabrillo. Two-story frame (2) flats. Owner.....A. Petry, 336 Pierce, S. F. Architect...None. Day's work. COST, \$4900

(1809) NO. 2689 MISSION. Repair and alter grill. Owner.....J. H. Rucker (Agent.) Architect...None. Contractor..Wilson & Christensen, 830 Hearst Bldg., S. F. COST, \$400

(1810) SE GOLDEN GATE AND VAN NESS Aves. Repair auto salesroom. Owner.....Frank O. Renstrom Co., Premises. Architect...Fabre & Bearwald, 625 Market, San Francisco. Day's work. COST, \$700

(1811) NO. 354 HARRIET. General alterations, repairs and additions to building. Owner.....Chas. E. Goss, 548 6th, S. F. Architect...None. Contractor..Mr. Pence, 1066 Bryant, San Francisco. COST, \$700

(1812) E SIXTEENTH AVE 180 N Clement. Two-story and basement frame dwelling. Owner.....Jeanette Yates, 335 21st Ave., San Francisco. Architect...None. Contractor..Wm. F. Yates, 335 21st Ave., San Francisco. COST, \$3800

(1813) NW OLMSTEAD 90 E Glard. Move dwelling and concrete foundation, etc.

Owner.....Roundy Realty Co., 995 Market, San Francisco. Architect...None. Contractor..Geo. H. Roundy, 2843 San Bruno, San Francisco. COST, \$100

(1814) W CURTIS 375 S Morse. One and one-half-story and basement frame dwelling. Owner.....A. Anderson, 1502 Noe, San Francisco. Architect...None. Day's work. COST, \$1800

(1815) S "N" (Noriega) 25 W 8th Ave W 25xS 120. All work for one-story and basement frame bungalow. Owner.....Mrs. H. O. O'Brien. Architect...Geo. S. Colmesnil, Lick Bldg., San Francisco. Contractor..A. E. Sisson. Filed May 25, '14. Dated May 21, '14. Frame up \$589.25 Rough plastering 589.25 Completed and accepted 589.25 Usual 35 days 589.25 TOTAL COST, \$2357.00 Bond, \$1178.50. Sureties, A. D. Diaston and Geo. McCahon. Limit, as fast as required. Forfeit, none. Plans and specifications filed.

(1816) E POWELL 137-6 N California N 68-9xE 137-6. Electric work for seven-story and basement reinforced concrete Class "B" building. Owner.....W. Wilson and Jos. Martin, 925 Gough, S. F. Architect...C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Contractor..Newbery-Bandheim Elec. Co., Humboldt Bank Bldg., San Francisco. Filed May 25, '14. Dated May 22, '14. All conduit has been installed, \$1940 Completed and accepted 1940 Usual 35 days 1295 TOTAL COST, \$5175 Bond, \$2600. Surety, Southwestern Surety Ins. Co. Limit, without delay. Forfeit, none. Plans and specifications filed.

(1817) SE DEVISADERO AND BUSH. Nos. 1730, 1732, 1736 Devisadero. Alterations to fronts and interiors of three stores in frame building. Owner.....Mary N. Lucy H., & Edith W. Allyne and Wm. H. White, 151 Sutter, S. F. Architect...None. Contractor..H. D. Nichols, 1381 Stevenson, San Francisco. Filed May 25, '14. Dated May 18, '14. When plate glass in fronts of stores \$1007.50 On completion 1007.50 TOTAL COST, \$2015.00 Bond, none. Limit, June 15. Forfeit, none. Plans and specifications filed.

(1818) NO. 579 SEVENTH AVE Alterations and additions to frame residence. Owner.....Hermine Schwarzenbek. Architect...Chas. J. Rousseau, 46 Kearny, San Francisco. Contractor..J. Eric Johanson, 110 Jessie St., San Francisco. Filed May 25, '14. Dated May 23, '14. 1st coat plaster on inside and outside \$300 Completed and accepted 400 Usual 35 days 460 TOTAL COST, \$1160 Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(1819) W DELAWARE 154 S 2nd S 279xW 200. Two improved Jones Oil Gas Sets, 2 primary scrubbers and 3 secondary scrubbers at Potrero Gas Works. Owner.....Pacific Gas & Elec. Co., 445 Sutter, San Francisco. Architect...None. Contractor..Schaw-Batcher Co. Pipe Works, 356 Market, S. F. Filed May 25, '14. Dated May 22, '14. Payments monthly of 50% On completion balance to make total of 75% of contract price Usual 35 days 25% TOTAL COST, \$41,183.25 Bond, \$20,593. Sureties, C. T. Dillman and Aiden Anderson. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(1820) EXPOSITION SITE. All work except plumbing, water supply, gas fitting, heating, ventilating, and electric wiring for California Building. Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F. Architect...Thomas H. F. Barditt and Geo. W. Kelham, Sharon Bldg., San Francisco. Contractor..Strehlow, Freese & Petersen, Exposition Bldg., S. F. Filed May 25, '14. Dated May 19, '14. As work progresses 75% Usual 35 days 25% TOTAL COST, \$259,182.50 Bond, \$140,000. Surety, Massachusetts Bonding & Insurance Co. Limit, 240 days after notification. Forfeit, \$150. Plans and specifications filed.

(1821) PLUMBING, WATER SUPPLY, and gas fitting on above. Contractor..Scott Co., 243 Mission, S. F. Filed May 25, '14. Dated May 14, '14. Payments same as above TOTAL COST, \$14,295 Bond, \$8000. Surety, National Surety Co. Limit, 240 days. Forfeit, \$25. Plans and specifications filed.

(1822) W BUCHANAN, bet. Tonquin & Beach, Exposition Site Extensions to warehouses Nos. 2 and 3. Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F. Architect...None. Contractor..Strehlow, Freese & Petersen, Exposition Bldg., S. F. Filed May 25, '14. Dated May 19, '14. As work progresses 75% Usual 35 days 25% TOTAL COST, \$773 Bond, \$5000. Surety, Massachusetts Bonding & Insurance Co. Limit, 40 days after notification. Forfeit, \$25. Plans and specifications filed.

(1823) SE MARKET 45 SW SECOND SW 30 SE 91-6 SW 20 SE 43-6 NE 93 NW 43-6 SW 45 NW 91-6. All work for five and six-story brick loft bldg. Owner.....Chas. Schlessinger, Mills Bldg., San Francisco. Architect...Alfred Henry Jacobs, 110 Sutter, San Francisco. Contractor..Ira W. Coburn, Hearst Bldg., San Francisco. Filed May 25, '14. Dated May 16, '14. Brock work completed and rafters set and rough floor down \$11,000 Brown coated and 1st coat plaster on exterior 7,000 Completed 5,625 Usual 35 days 7,875 TOTAL COST, \$31,500

Bond, \$15,750. Surety, National Surety Co. Limit, 95 days. Forfeit, \$31.66%. Plans and specifications filed.

(1824) TWENTY-EIGHTH AND VAL-
encia. Repairs to alterations.
Owner.....United Railroad.
Architect.....None.
Day's work.....COST, \$600

(1825) E NINETEENTH AVE 25 S
California. Two-story and basement
frame residence.
Owner.....E. A. Schkade, 240 20th
Ave., San Francisco.
Architect.....None.
Day's work.....COST, \$2750

(1826) NO. 459 ANDERSON. Cement
foundation and rat proof for dwelling.
Owner.....Robt. Enright, Premises.
Architect.....None.
Day's work.....COST, \$100

(1827) NW POWHATTAN AND ELLS-
worth. One-story and basement
frame dwelling.
Owner.....J. C. Schmidt, 91 Ellsworth
San Francisco.
Architect.....None.
Day's work.....COST, \$1000

(1828) NO. 141 ALBION AVE. One-
story frame warehouse.
Owner.....D. H. Rhodes, 546 Valencia,
San Francisco.
Architect.....None.
Day's work.....COST, \$400

(1829) NO. 374 PINE. Construct re-
inforced concrete vault.
Owner.....Mrs. Mary Pame.
Architect.....None.
Contractor.....Lamont & Millar, 558 Mar-
ket, San Francisco.
COST, \$500

(1830) N POST 137-6 W Franklin W
85xN 137-6. All work for one-story
brick garage.
Owner.....P. L. Bannan, Folsom and
Columbia Square, S. F.
Architect.....None.
Contractor.....A. P. Helbing.
Filed May 26, '14. Dated May 26, '14.
On 1st and 15th of each month 75%
Usual 35 days.....25%
TOTAL COST, \$12,350
Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

(1831) S CALIFORNIA 58-4 W 17th
Ave W 25xS 96-1 O L 165. All work
for two-story frame store and flat.
Owner.....Norbert and Henrietta
Arjo, 551 California, S. F.
Designer.....J. S. Connell
Contractor.....Western Union Home
Bldgs, Inc., 1617 Telegraph
Ave., Oakland.
Filed May 26, '14. Dated May 21, '14.
Receipt is acknowledged for \$1167.00
Frame up ready for plaster.....695.00
Plastering completed.....700.00
Building completed.....658.00
Usual 35 days.....1076.25
TOTAL COST, \$4267.00
Bond, none. Limit, 90 days. Forfeit,
\$. Plans and specifications filed.

(1832) EXPOSITION SITE. Excava-
tion and back filling for tank and
foundation for sub-marines building.
Owner.....Combined Amusements Co.
Architect.....A. J. Bain, Phelan Bldg.,
San Francisco.
Contractor.....Chas. J. Powers, 3879 26th,
San Francisco.

Filed May 26, '14. Dated May 22, '14.
1/2 work completed.....\$325
3/4 work completed.....325
Completed and accepted.....325
Usual 35 days.....TOTAL COST, \$1200

Bond, \$1050. Surety, Fidelity & De-
posit Co. of Maryland. Limit, June 25.
Forfeit, none. Plans and specifications
filed.

(1833) N GREENWICH 55 E Fillmore
25x60. All work except gas fixtures,
electric fixtures, window shades and
finish hardware for three-story and
basement frame flats.
Owner.....Pietro Alberigi, 1036 Jack-
son, San Francisco.
Architect.....None.
Contractor.....Devencenzi Bros. & Co.,
1069 Union, S. F.

Filed May 26, '14. Dated Apr. 28, '14.
Frame up.....\$1375
Brown coated.....1375
Completed and accepted.....1375
Usual 35 days.....1375
TOTAL COST, \$5500
Bond, \$2750. Sureties, Domenico De-
vencenzi and L. Peirano. Limit, 90
days. Forfeit, none. Plans and spec-
ifications filed.
NOTE:—1st report May 23, No. 1764.

(1834) N ALVARADO 200 E Guerrero
25x114. All work for three-story and
basement frame apartments.
Owner.....Gulseppe Trombetta, 72-A
Alvarado, S. F.
Architect.....None.
Contractor.....Devencenzi Bros. & Co.,
1069 Union, S. F.

Filed May 26, '14. Dated May 23, '14.
Frame up.....\$2125
Brown coated.....2125
Completed and accepted.....2125
Usual 35 days.....2125
TOTAL COST, \$5300
Bond, \$4250. Sureties, L. Peirano and
Domenico Devencenzi. Limit, 90 days.
Forfeit, none. Plans and specifications
filed.
NOTE:—1st report May 5, No. 1561.

(1835) S CALIFORNIA 58-4 W 17th
Ave W 25xS 96-1; No. 1515 California.
All work for two-story frame store
and flat.
Owner.....Western Union Home
Bldrs, Inc., 1617 Telegraph
Ave., Oakland.
Designer.....J. S. Connell.
Contractor.....McMullen & Van Voorhies.
Filed May 26, '14. Dated May 21, '14.
Frame up ready for plaster.....\$ 850
Plastering completed.....861
Completed.....600
Usual 35 days.....1037
TOTAL COST, \$3348

Bond, \$1674. Sureties, H. J. Schober
and E. O. Benner. Limit, 60 days. For-
feit, \$1. Plans and specifications filed.
NOTE:—Specifications give Mrs.
Henrietta Arjo as owner.

(1836) E RAUSCH 100 S Howard 8 15
N 112. All work for three-story
frame flats.
Owner.....Julius Svirbelly, 153 Rausch
San Francisco.
Architect.....None.
Contractor.....J. W. Overton, 1610 West,
Oakland.
Filed May 26, '14. Dated May 23, '14.
Frame up.....\$1225
Brown coated.....1225
Completed.....1225
Usual 35 days.....1225
TOTAL COST, \$4900
Bond, \$2500. Sureties, D. E. Hart and

Jas. H. Overton. Limit, 100 days. For-
feit, none. Plans and specifications filed

(1837) E VERMONT 120 N 24th. All
work except concrete and cement
work and painting for two-story
frame residence.
Owner.....Mr. and Mrs. I. Leslie, 1266
Vermont, San Francisco.
Designer.....J. McI. Jarvis.
Contractor.....J. McI. Jarvis, 3641 24th,
San Francisco.

Filed May 26, '14. Dated May 20, '14.
Every three weeks.....7.10
All accounts paid and duly re-
corded.....Balance
TOTAL COST, \$3700
Bond, none. Limit, 120 days. Forfeit,
none. Plans and specifications filed.

(1838) LOT 10 BLK 6 St. Francis Wood
All work for residence and garage.
Owner.....Westgate Park Co., 80
Post, San Francisco.
Architect.....Frank Farnscof.
Contractor.....Jno. M. Bartlett, Call Bldg.,
San Francisco.

Filed May 26, '14. Dated May 20, '14.
Frame up.....\$ 978.50
Sheathing on roof completed.....978.50
Plastering finished, inside and ex-
terior.....978.50
Completed and accepted.....957.50
Usual 35 days.....1338.00
TOTAL COST, \$5525.00

Bond, \$2628. Surety, Southwestern
Surety, Insurance Co. Limit, 90 days.
Forfeit, \$. Plans and specifications
filed.

(1839) N TWENTY-FOURTH 215 E
Diamond E 25xN 114. All work for
two-story frame store and flat.
Owner.....Dean and Mary Evans, 4156
24th, San Francisco.
Architect.....None.

Contractor.....McSheehy Bros., Inc., 74
Langton, San Francisco.
Filed May 27, '14. Dated May 26, '14.
Frame up.....\$1050
Brown coated.....1050
Completed and accepted.....1050
Usual 35 days.....1050
TOTAL COST, \$4200
Bond, none. Limit, 100 days. Forfeit,
none. Plans and specifications filed.

(1840) W TWENTY-FOURTH AVE 50
N Anza N 50xW 82-6. All work for
two five-room and basement frame
dwellings.
Owner.....W. H. Sale, 1500 Vallejo
San Francisco.
Architect.....None.
Contractor.....Leigh & Schultz, 330 8th
Ave., San Francisco.

Filed May 26, '14. Dated May —, '14.
Frame up and roof on.....\$1250
Brown coated.....1250
Completed and accepted.....1250
Usual 35 days.....1250
TOTAL COST, \$5000
Bond, none. Limit, 90 days. Forfeit,
\$. Plans and specifications filed.
NOTE:—1st report May 25, No. 1796.

(1841) W TWENTY-FIRST AVE 250
S Geary S 25xW 120. All work for
six-room residence and garage.
Owner.....Elmer Drees, 327 5th Ave.,
San Francisco.
Architect.....None.
Contractor.....Leigh & Schultz, 330 8th
Ave., San Francisco.
Filed May 27, '14. Dated May —, '14.
Frame up and roof on.....\$711.25
Brown coated.....711.25
Completed and accepted.....711.25

Usual 35 days..... 711.25
TOTAL COST, \$2845.00
Bond, none. Limit, 90 days. Forfeit, \$1.
Plans and specifications filed.
NOTE:—1st report May 25, No. 1788.

(1842) S CORTLAND AVE 25 E Ellisworth S 80 E 45 N 91-6¼ W 46. All work for 1-story frame nickelodeon.
Owner.....O. and Rose Carlson, 800 Cortland Ave., S. F.
Architect...A. I. Coffey, Humboldt Bk. Bldg., San Francisco.
Contractor...Wm. Little, 753 8th Ave., San Francisco.

Filed May 27, 1914. Dated May 26, '14.
Rough frame up & rafters set.\$1140
Brown coated and outside finish on 1200
Completed and accepted..... 1290
Usual 35 days..... 1210
TOTAL COST, \$1430

Bond, none. Limit, July 30. Forfeit, \$5.
Plans and specifications filed.

(1843) E CONNECTICUT 125 S 18th S 25x E 100 O N 245. All work for one-story and basement frame residence.
Owner.....Franz and Anna Rettig, 1412 Kentucky, S. F.
Architect...None.
Contractor...Hansen Bros., 1440 Florida San Francisco.

Filed May 27, '14. Dated May 23, '14.
Frame up and rafters on.....\$500
Brown coated 500
Completed and accepted..... 500
Usual 35 days..... 500
TOTAL COST, \$2000

Bond, \$500. Sureties, Jno. Arl Van Beal. Limit, 90 days. Forfeit, none.
Plans and specifications filed.

(1844) SE FRANCISCO AND HYDE S 97-6x E 62-6. All work for two-story and basement frame residence.
Owner.....F. Dudley Tait, 135 Stockton, San Francisco.
Architect...Ralph W. Hart, Humboldt Bank Bldg., San Francisco.
Contractor...H. A. Klyce, Monadnock Bldg., San Francisco.

Filed May 27, '14. Dated May 26, '14.
Foundation and retaining walls in\$ 900
Frame up 2000
Ready for lath..... 4000
Inside plaster completed and outside brown coated..... 1400
Ready for painting inside..... 2400
Completed 1933
Usual 35 days..... 4211
TOTAL COST, \$16,844

Bond, \$8450. Surety, Globe Indemnity Co. Limit, 125 days. Forfeit, \$10.
Plans and specifications filed.

(1845) SW MISSION & GENEVA. Two story frame store and flat.
Owner.....Vittorio Boicelli, Burlingame.
Architect...Thos. M. Edwards.
Contractor...J. I. Mitrovich Bldg. Co. 1034 Golden Gate, S. F.

COST, \$6250

(1846) S GENEVA 68 E Mission. Two story frame store and flat.
Owner.....Vittorio Boicelli, Burlingame.
Architect...Thos. M. Edwards.
Contractor...J. I. Mitrovich Bldg. Co. 1034 Golden Gate, S. F.

COST, \$300

(1847) SW TAYLOR AND JACKSON Three-story and basement frame (6 apartments.

Owner.....Metropolis Invst. Co., Kearny near Bush, S. F.
Architect...Rousseau & Rousseau, 441 Monadnock Bldg., S. F.
Day's work.....COST, \$17,000
NOTE:—Job now being plastered.

(1848) W TAYLOR 36 S Jackson Three-story and basement frame (6) apartments.
Owner.....Metropolis Invst. Co., Kearny near Bush, S. F.
Architect...Rousseau & Rousseau, 441 Monadnock Bldg., S. F.
Day's work.....COST, \$12,000
NOTE:—Job now being plastered.

(1849) E EIGHTH AVE 131 N Lawto 25x120. All work except painting and grading for two-story and basement frame dwelling.
Owner.....Martin L. Cramer, 742 14th San Francisco.
Architect...Rousseau & Rousseau, Monadnock Bldg., S. F.
Contractor...Finn Andersen, 221 Dolore San Francisco.

Filed May 28, '14. Dated May 24, '14.
Building framed and sheathed.....\$76
Rough plaster on exterior and interior 763
Completed and accepted..... 76
Usual 35 days..... 765
TOTAL COST, \$305

Bond, none. Limit, 90 days. Forfeit, none.
Plans and specifications, none.

(1850) E JULIUS 117-6 N Lombard 2 x52. All work except gas and electric fixtures, finish hardware and window shades for two-story and basement frame flats.
Owner.....G. Cavnagaro, 468 Broadway, San Francisco.
Architect...None.
Contractor...A. Dehendetti & G. Cuneo 20 Cotter, San Francisco.

Filed May 28, '14. Dated May 19, '14.
Frame up\$74
Brown coated 745
Completed and accepted..... 145
Usual 35 days..... 143
TOTAL COST, \$298

Bond, none. Limit, 90 days after May 25. Forfeit, none. Plans and specifications filed.

(1851) NE WASHINGTON AND OCTAVIA E 175 N 127-8¼ E 2-6 N 127-8¼ W 177-6 S 255-4¼. Electric work for residence.
Owner.....A. B. Spreckels, 100 Davis San Francisco.
Architect...G. A. Applegarth, Cal Bldg., San Francisco.

Contractor...Butte Engineering Co., 683 Howard, San Francisco.
Filed May 28, '14. Dated May 20, '14.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$65

Bond, \$325. Surety, National Surety Co. Limit, as rapidly as practical. Forfeit none. Plans and specifications filed.

(1852) GRILL WORK ON ABOVE.
Contractor...Sartorius Co., 15th and Utah, San Francisco.
Filed May 28, '14. Dated May 20, '14.
Payments same as above.....

TOTAL COST, \$1950

Bond, \$975. Surety, Globe Indemnity Co. Limit, as soon as practical. Forfeit, none. Plans and specifications filed.

(1853) STONE WALLS ON ABOVE.
Contractor...The McGilvray Stone Co. 7th and Townsend, S. F.

Filed May 28, '14. Dated May 20, '14.
Payments same as above.....
TOTAL COST, \$76.68
Bond, \$38.50 for owner and material men. Sureties, Jno. D. McGilvray and R. Dewar. Limit, Sept. 20. Forfeit, none. Plans and specifications filed.

(1854) PLUMBING ON ABOVE.
Contractor...Wm. F. Wilson Co., 330 Mason, San Francisco.
Filed May 28, '14. Dated May 20, '14.
Payments same as above.....
TOTAL COST, \$189

Bond, \$950. Surety, New England Casualty Co. Limit, Sept. 30. Forfeit, none. Plans and specifications filed.

(1855) NW CLARA 227-6 NE Sixth NE 22-6xNW 80. All work for five room and bath cottage.
Owner.....Theresa & Edw. Witschey Architect...None.
Contractor...D. Honle, 660 Market San Francisco.

Filed May 28, '14. Dated May 20, '14.
Frame up and rafters on.....\$503.4
Brown coated 503.4
Completed 503.4
Usual 35 days..... 503.4
TOTAL COST, \$2013.80

Bond, none. Limit, 90 days. Forfeit none. Plans and specifications filed.

(1856) E TWENTY-FOURTH AVE 100 N Fulton. One and one-half-story and basement frame dwelling.
Owner.....Oscar Heyman & Bro., 742 Market, San Francisco.
Architect...None.
Day's work.....COST, \$1600

(1857) W NEWTON 200 S Morse. Two story and basement frame dwelling.
Owner.....Albert Mattson, 3919 Folsom, San Francisco.
Architect...None.
Day's work.....COST, \$2000

(1858) E TWENTIETH AVE 100 N Ulloa. Two-story and basement frame dwelling.
Owner.....Parade Home Bldg. Co., 408 Crocker Bldg., S. F.
Architect...None.
Day's work.....COST, \$3000

(1859) E FIFTH AVE 150 S Cabrillo. Two-story and basement frame dwlg.
Owner.....MacArthur Bros., 1560 Fell, San Francisco.
Architect...None.
Day's work.....COST, \$3250

(1860) EXPOSITION GROUNDS. All work for one-story frame building (breadnaght).
Owner.....California Concessions Co.
Architect...Harry Weatherwax, 3201 Washington, San Francisco.
Contractor...E. W. McConnell.
Filed May 29, '14. Dated May 29, '14.
Payments on or before 10 days after 1st of each month of.... 75%
Usual 35 days..... 25%
TOTAL COST, \$25,000

Bond, \$12,500. Surety, United States Fidelity & Guaranty Co. Limit, 180 days. Forfeit, none. Plans and specifications filed.

(1861) N TURK 171-10¼ E Taylor E 34-¼xN 137-6. Plumbing, gas fitting and vacuum cleaning pipe for seven-story and basement brick stores and rooms.
Owner.....Zellerbach-Levison Co. Architect...None.

Cont a to George N. Zaro, 3159 Turk, San Francisco.

Filed May 29, '14. Dated May 26, '14.
As work progresses..... 75%
Usual 35 days..... 25%

TOTAL COST, \$8175

Bond, \$4160. Surety, Morris Stulsalt Co. Limit, 90 days. Forfeit, \$15. Plans and specifications filed.

BUILDING CONSTRUCTION FOR MONTH OF MAY.

Building activities throughout the city for the month of May, as reported by the Bureau of Building Inspection of the Board of Public Works, show that \$1,781,148 have been invested in building construction. The following is a complete report, as taken from the records of the Bureau:

Class	No. of Bldgs.	Amount
Class "A"	2	\$ 153,200
Class "C"	10	320,884
Frames	200	683,728
Alterations	308	146,336
Exposition Bldgs.	3	477,000
Total	523	\$1,781,148

COMPLETION NOTICES.

San Francisco.

May 19, 1914—NW NAPLES 150 SW Russia Av SW 25xN 100; ptn Lot 7 Blk 44, Excel Hld. C F Ithan to W S Ulmer & T H Parry, Apr.—1914
May 23, 1914—NW VAN NESS AVE and Chestnut W to a point 125.8 m or 1 to W Scott S 266.4 m or 1 W 1124.8 S to N Lombard th to Lyon N to shore of S Bay E along shore to Van Ness Ave in beg, except ptn U. S. Government Reservation and blocks 249 and 250 Harbor View Add'n. Panama-Pacific International Exposition to Healy Tibbitts Constr Co (Contract filed December 20, 1913).....May 20, 1914
May 23, 1914—S SUTTER 137-6 E Hyde E 60 S 137-6 W 33-2 S 17-6 W 26-9 N 155. Reigle & Jamieson vs Goldberg Bowen & Co and Automobile Club.....\$90
May 23, 1914—S SUTTER 137-6 E Hyde E 60 S 137-6 W 33-3 S 17-6 W 26-9 N 155. W J Mahoney vs Goldberg Bowen & Co and Automobile Club of S F.....\$280.25
May 23, 1914—E NEVADA 40 N Jarboe Ave N 25x E 70 Lot 944 Gift Map No. 2. Arthur Lindberg to whom it may concern.....May 23, 1914
May 23, 1914—N GREENWICH 37-6 W Devisadero W 25xN 112-6. Cesare Soracco (by Angelo J Rossi, Gdn, to Norio Cavaglia.....May 18, 1914
May 25, 1914—NW MARKET 9-6 1/2 NE from N California NE 79-9 N parallel with E Drumm 131-2 W 64-8 1/2 S 177-9 1/2; Nos. 86, 94 Market Anderson Bros, \$293.65; S A Beagle, \$98.40; Decker Elec. Constr Co, \$292.46; Henry T Grieb, \$862.18; H J Perazzi, \$388 vs Deo Estates Co, S J and S C Pringle and Jas Long (as Long's Ferry Market).....May 25, 1914
May 25, 1914—N CLEMENT 32-6 E 25th Ave E 25x100. Joseph P and Mary A Flaherty to Thos Hamill.....May 25, 1914
May 25, 1914—S GEARY 65 E Webster E 72-6xS 137-6. First African M Zion Church to J T Johnston, J E Branagh and T A Cuthbertson.....May 23, 1914
May 25, 1914—SW UNION & TAYLOR

S 120xW 82-6. Pietro Taramello to A Bissa.....May 21, 1914
May 25, 1914—N HAIGHT 125 W Webster W 24-4xN 137-6. Mary D Jahinke to J M Bailey.....May 14, 1914
May 25, 1914—LOT 486 Silver Terrace Hd Ass'n. Homestead Realty Co to William H Grahm.....May 19, 1914
May 26, 1914—SW POST & POWELL W 137-6 S 63-6 E 69-7 N 8-6 E 67-11 W 37. Crocker Hotel Co to Campbell Bros.....May 16, 1914
May 26, 1914—E DOLORS 55-9 N 15th N 137-6x E 90. Adrienne Thompson and Nellie Thompson to Pacific Floor Sanding Co, Inc, May 25, 1914; J J Philbin, May 25, 1914. Jacob Barman and Harry Barman (as Barman Bros).....May 22, 1914
May 26, 1914—EXPOSITION SITE, Panama-Pacific International Exposition Co to Healy Tibbitts Construction Co (Contract filed Jan. 22, 1914).....May 23, 1914
May 26, 1914—N BROADWAY 42-6 E Baker E 50 N 137-6 W 29-3 1/4 th a break SE 1-6 1/2 W parallel with Broadway 21-1 1/4 S 136. Albert L Ehrman to Petersen-James Co.....May 21, 1914
May 26, 1914—LOT 11 BLK 18 The C. S. Alfred Sub Bldgs 17 and 18 West End Map No. 1. Watson A Titus to whom it may concern, May 26, 1914
May 26, 1914—N BUSH adjoining E Mills Bldg, having frontage on Bush of 68-9. Ogden Mills to Hooper Dampfink Co.....May 23, 1914
May 26, 1914—S SERPENTINE AVE 275 E Mission E 25 S 62 W 25 N to beg, Jas Finegan to whom it may concern.....May 18, 1914
May 26, 1914—N GREEN 116-3 1/2 W Jones W 47xN 129 to Macondray, John McCaw to A Knowles.....May 22, 1914
May 26, 1914—SE CALIFORNIA AND 19th Ave.—25x E 70. J A Mackenzie to Western Union Home Bldrs, Inc.....May 23, 1914
May 26, 1914—SE CALIFORNIA AND Leidesdorff E 107-6xS 137-6. The Insurance Exchange to W D Henderson.....May 23, 1914
May 26, 1914—N UNION 23 E Leavenworth 55x112-6. Joseph, Frank and Angelo Devenenzi to Devenenzi Bros.....April 25, 1914
May 26, 1914—E LAGUNA 83 N Hermann E 27-4 N 17 W 27-4—17. Mrs Angele Beaudry to Barrett & Hilp.....May 16, 1914
May 27, 1914—E TWENTY-SIXTH Ave 125 N Irving 25x120. Ralph J Button to whom it may concern.....May 17, 1914
May 27, 1914—W TWENTY-THIRD Ave 249-6 N Judah N 25-6 W 120 S 25 E 78 S 0-6 E 42. James Lane to whom it may concern, May 26, 1914
May 27, 1914—S TONQUIN 55 E Broderick S 687.5xW 535.27 (Food Products Bldg.) Panama-Pacific International Exposition to McFell Elec Co.....May 23, 1914
May 27, 1914—N TURK 171-10 1/2 E Taylor E 34-1 1/4xN 137-6. Zellerbach-Levison Co to Central Iron Works, corporn.....May 22, 1914
May 27, 1914—S BEACH 55 E Broderick S 687.5xW 535.27 (Education Bldg.) Panama-Pacific International Exposition to McFell Elec Co.....May 23, 1914
May 27, 1914—E FILLMORE 39.075 N Bay N 1067x E 475 (Machinery Bldg.) Panama-Pacific International Exposition Co to McFell Elec Co.....May 23, 1914

May 27, 1914—S BEACH 55 E Broderick E 886.87xS 618.75 (Liberal Arts Bldg.) Panama-Pacific International Exposition Co to McFell Elec Co.....May 23, 1914
May 27, 1914—S TONQUIN 55 E Broderick E 886.87xS 687.5 (Agriculture Bldg.) Panama-Pacific International Exposition Co to McFell Elec Co.....May 23, 1914
May 27, 1914—N BUSH adjoining E Mills Bldg and having frontage on Bush of 68-9. Ogden Mills to Mangrum & Co.....May 21, 1914
May 28, 1914—S GARRELL 60 E Beideman E 30xS 70. Hattie D Becker to Wm Little.....May 27, 1914
May 28, 1914—SW DRUM AND Clark S 29xW 60. Joe Harris Co to F L Hansen.....May 28, 1914
May 28, 1914—W LYON 100 N Golden Gate Ave N 25xW 112-6. Arthur F or A F Bartmann to Leigh & Schultz.....May 28, 1914
May 28, 1914—W ROUSSEAU 125 S Rosworth S 50xW 100 Blk 7 De Boon Tct. Edward D Swift and Jas F Heffernan to whom it may concern.....May 27, 1914
May 28, 1914—SE YORK & 23RD. Rose Wrhian to J H Verner.....May 28, 1914
May 28, 1914—E NINETEENTH AVE 225 S Noriega S 25x E 120. Nellie Hahn to J W Rew and H A Foy.....May 26, 1914
May 28, 1914—W CROWN TERRACE 236 S Clarendon Ave S 25 W 58 N 25 E 90 Lot 26 Blk "C" Ashbury Park Tract, L B Edwards and J B Brewster to whom it may concern.....May 12, 1914
May 28, 1914—W CROWN TERRACE 261 S Clarendon Ave S 25 W 88 N 25 E 89 Lot 19 Blk "C" Ashbury Park Tract, L B Edwards and J B Brewster to whom it may concern.....May 12, 1914
May 28, 1914—N BUSH adj E Mills Bldg 68-9 on Bush. Ogden Mills to Colusa Sandstone Co, May 25, 1914
May 28, 1914—W SANCHEZ 66 S 25th S 20xW 76-9. John W Flaherty to L J Roberts and John B Woolfrey.....May 26, 1914
May 28, 1914—E BRODERICK 82-6 S Green S 27-6x E 105. Julia E Wolf to Geo A Born.....May 26, 1914
May 29, 1914—LOT 11 BLK 26 Amended Map Ingleside Terrace. Frank E Brown to Schroder & McIntosh.....May 25, 1914
May 29, 1914—W STOCKTON 137-6 N Sacramento W 100xN 40. T J Gintjee to L A Hinson, May 28, 1914
May 29, 1914—E TWENTY-SIXTH 200 N Ulloa N 25x E 120. Elsie Cahen to J B or John B Woolfrey and L J or Louis J Roberts.....May 23, 1914
May 29, 1914—W NINETEENTH AVE 100 N Anza N 25xW 120. Margaret Hamill to Thos Hamill, May 29, 1914
May 29, 1914—E LEAVENWORTH 112-6 S Sutter S 25x E 112-6. Herman D Hogrefe to whom it may concern.....May 29, 1914
May 29, 1914—S BEACH 55 E Broderick E 886.87 S 618.75 to N Bay W 886.87 N 618.75 (Liberal Arts Bldg.) Panama-Pacific International Exposition Co to Rees & Rountree.....May 29, 1914
May 29, 1914—N ANZA 57-6 E 9th Ave 25x100. F Hock to H P Otten.....May 29, 1914
May 29, 1914—E FOURTH AVE 310-4 13-16 S Cabrillo S 31 E 120 N 31—120. Trevor & Co to P F

Spidel,.....May 27, 1914
 May 29, 1914—N BROADWAY 137-74
 NE Larkin. Charles J U Koenig
 to whom it may concern. Completed—

LIENS FILED.

San Francisco.

May 22, 1914—EXPOSITION SITE.
 Electric Blue Print Co vs Panama-Pacific International Exposition Co
 Allan G Ramsey and Lange & Herzstrom\$119.37
 May 25, 1914—S LINCOLN WAY 57-6
 W 15th Ave vs Golden Gate Park
 Home Bldg Ass'n, L H Hansen or Hansen, Sol Getz & Sons, H Moheln and Martin O'Donnell.....\$124.46
 May 25, 1914—W BRODERICK 130 S
 Lombard S 25xW 120. R N Nason vs J F Hanor and John A Cardinal\$71.58
 May 25, 1914—NW MARKET 9-64 NE
 from N California NE 79-9 N parallel with E Drumm 131-2 W 64-8 1/2 S 177-9 1/2; Nos. 86, 94 Market. R L Tiernan and A V Beronio (as Tiernan & Beronio) vs Doe Estates Co, S J and EC Pringle and Long's Ferry Market.....\$120.61
 May 25, 1914—S LINCOLN WAY 57-6
 W 15th Ave W 25xS 120. American Elec Eng Co vs L H Hansen, Golden Gate Park Home Pldg Society and Sol Getz & Sons.....\$83.63
 May 27, 1914—SW VAN NESS AVE and Sutter S 60xW 109-9. Chard & Co vs Automobile Club of S F and V Morbio.....\$181.65
 May 27, 1914—S SUTTER 181-6 W Leavenworth S 157-6 W 66-9 S 17-6 W 26-9 N 153 E 93-6. Stokler-Hinkelbein Co vs Goldberg Bowen & Co.....\$119
 May 27, 1914—NW MARKET 9-64 NE from N California NE 79-9 N parallel with E Drumm 131-2 W 64-8 1/2 S 177-9 1/2; Nos. 86, 94 Market. T F O'Connor vs Doe Estate Co, S J and S C Pringle and James Long (as Long's Ferry Market).....\$186.50
 May 28, 1914—S LINCOLN WAY 57-6
 W 15th Ave W 25xS 100. Western Asbestos Magnesite Co vs Golden Gate Park Home Bldg Society, L H Hansen, H Moheln or H Moheln, Sol Getz & Sons, Inc.....\$68.7
 May 28, 1914—HARTFORD NO. 44 W line 241-3 S 17th S 25xW 102. Henry Riboni vs Felicie Bauchon and Jas F O'Conner.....\$72
 May 28, 1914—S PAGE 140 E Pillmore E 25x4S 137-6. W W Montague & Co vs Wm Hencke, Wm T Gross, Wm Baldwin & F H Born. \$4

be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

APARTMENT HOUSE—3 story and base, frame, \$20,000. Oakland, Cal. Architect, Joseph Cinen. 45 Kearny street, S. F. Owner's name withheld. This building has been mentioned here a number of times before. Plans have been revised and figures are again being taken. The building will be erected at the corner of Perkins and Grand avenue and will contain a number of two and three room suites. There will be steam heat, a hot water supply and vacuum cleaners. Entrance will be finished in tile and marble. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$20,000. Oakland, Cal. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner's name withheld. The building will be erected at the corner of Market and 11th streets, and will contain a number of two and three room suites. Interiors will be finished in pine throughout. Plans provide for steam heat, a hot water supply and portable vacuum cleaners. Bath rooms will have tile wainscot and composition floors. All suites will have wall beds and private bath rooms. There will be stores on the first floor. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken by the architects.

RESIDENCE—2 story and base, frame, \$3,000. Oakland, Cal. Architect, George Anderson, 6046 Lawton avenue, Oakland. Owner, T. Anderson, 6046 Lawton avenue, Oakland. The dwelling has been designed for a seven room house with bath and sleeping porch. George Anderson, 6046 Lawton avenue near Gray. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile floor and wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$4,000. Oakland, Cal. Architect, Frederick Soderberg, Union Savings Bank Bldg., Oakland. Owner, Charles H. Burman. The dwelling will be erected on Mandana Boulevard near Paloma, and has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be largely of pine with some hardwood veneer. Hardwood and inlaid floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath rooms will have the wainscot and floors and will be equipped with showers. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCES—2, 2 story and base, frame, \$2,500 each. Oakland, Cal. Architect, none. Owner, William A. Le Baron, 1629 45th avenue, Oakland. These two houses will be erected on Wentworth avenue near 51th avenue,

and each has been designed to contain six rooms and bath. Interior will be finished in pine and redwood with some hardwood floors. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exterior will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—1 story, attic and base, frame, \$10,000. Piedmont, Alameda Co., Cal. Architect, Albert Farr, Foxcroft Bldg., S. F. Owner, Edgar L. Vance. The dwelling will be erected on Blair avenue between Highland and Benita, and has been designed to contain ten rooms, several baths and a sleeping porch. A garage will also be erected on the lot. Interior finish will be of pine and hardwood. Hardwood floors will be used in the living room, dining room, library and den. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath rooms will be finished in tile and will have showers. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCE—1 1/2 story, attic and base, frame, \$12,000. Piedmont, Alameda Co., Cal. Architects, Milwan Bros., Delger Bldg., Oakland. Owner, Mrs. Stelle. The dwelling has been designed for a ten-room house with three baths and sleeping porch. The owner has a large lot on Park Way at the corner of Morrie avenue. A garage will be erected in the rear. Interior will be finished in pine and hardwoods with hardwood and inlaid floors in the principal rooms. Plans provide for a central heating system, probably warm air, a vacuum cleaning system, open fire places and automatic water heaters. Bath rooms will have tile floors and wainscot and will be equipped with showers. Tile will also be used in the kitchen. Exterior of the dwelling will be covered with shingles. Plans are being prepared.

RESIDENCE—2 story and base, concrete and steel, \$10,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, S. A. Buchanan, 2947 Magnolia street, Berkeley. The dwelling will be erected at the northwest corner of Hillgard and La Verde, and has been designed to contain seven rooms and bath. There will be reinforced concrete walls and roof slabs and steel beams. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be faced with cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—1 story and base, frame, \$10,000. Piedmont, Alameda Co., Cal. Architect, Samuel Arnold, Sharon Bldg., S. F. Owner, Z. P. Smith. The dwelling proper will cover an area of 48 by 70 feet with a wing in which will be a large art gallery 21 by 47 feet. Interior finish will be of pine and hardwood with hardwood floors in

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE—2 story and base, frame, \$15,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, E. L. Lamb, 1126 Poplar street, Oakland. The building will be erected on the east side of College avenue south of Haste, and has been designed to contain two, three and four room suites with private baths and wall beds. Interior finish will be largely of pine with some elm panels and hardwood floors. There will be steam heat, a hot water supply and vacuum cleaning system. Bath rooms will be finished in tile and will have composition floors. Entrance will be of marble and tile. Exterior of the building will

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the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath rooms will be finished in tile and equipped with showers. A private garage will be erected in the rear of the lot. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and figures will be called for within a week.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Hudson Smith, First National Bank Bldg., Berkeley. Owner, E. K. Kruse. The dwelling will be erected in Thousand Oaks, and has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans have

been revised and new figures are being taken.

THEATRE—2 story and base, Class A construction, \$80,000. Oakland, Cal. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, Roger Coit. The building will be class A throughout with a complete steel frame, reinforced concrete walls, floors and roof slabs. Interior will be finished in pine, hardwoods and metal trim. Plans provide for a steam heating system, vacuum cleaning and modern ventilation. There will be one store besides the theatre on the first floor. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and the architect is now taking figures on the work.

GARAGE—2 story and base, frame, \$5,000. Oakland, Cal. Architect, William H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owner, J. H. Fuller. The building will be erected on Bellevue avenue and will contain storage space for three machines. Interior finish will be of pine. Exterior will be covered with cement plaster on

metal lath. Plans are complete and figures are being taken.

COLLEGE TENNIS COURTS—Cost not stated. Berkeley, Alameda Co., Cal. Architect, none. Owners, Regents of the University of California. Bids are now being called for constructing the Hearst Tennis Courts on the grounds of the University of California at Berkeley. Plans and specifications can be secured from the office of the Comptroller at Berkeley. Bids must be in the hands of the Regents of the University not later than 1 o'clock a. m. on June 11th. An official proposal appears in another column of this issue.

Contracts Awarded.

LODGE HALL—2 story and base, frame, \$12,000. Alameda, Alameda Co., Cal. Architect, William Dufour, 2326 Santa Clara avenue, Alameda. Owners, Eagles' Hall Association. Contractors, Delaney & Randlett, 2303 Central avenue, Alameda. Contract price, \$13,000.

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Am't.
1323	Cunningham-Bay Cabinet		800
1324	Muller	Loughery	1200
1325	Pedersen	Larsen	2000
1327	Dyke	Guthrie	2750
1328	Tyson	Saxton	2100
1329	Lewis	Corbett	400
1330	McClelland	McClelland	1600
1338	Tyrell	Carson	2500
1339	Debo	Debo	1800
1340	Phillip	Rainer	1500
1341	Mertlew	Mertlew	850
1342	Silvarri	Uccello	700
1343	Desoso	Stanley	2500
1344	Hahn	Stuart	2500
1345	Gallagher	Gallagher	2000
1346	Breen	Dexter	2650
1347	Schmitt	Sommerstrom	7250
1348	Faehig & E.	Schaw	23216
1349	Cawston	Krieger	1007
1350	Nat'l Supply	Van Sant	600
1351	Wilcox	Young	400
1352	Rockhy	Roberts	500
1353	Cunningham	Neal	2000
1355	Anderson	Anderson	5000
1356	Plettner	Plettner	1600
1357	Young	Young	1600
1360	Monaster	Aalto	2 2965
1362	Maynard	Abrahamson	1250
1363	Danfield	Allen	100
1364	Bolts	Bolts	2000
1365	Will	Davis	1000
1366	Willford	Willford	2475
1367	Bolts	Bolts	2000
1371	McGill	Texdahl	1900
1372	Peders	Valente	1700
1373	Boardman	Boehrer	1000
1374	W'n Pacific	Sundberg	511
1375	Ellis	Thelle	1340
1376	Clanciarulo	Watts	840
1378	Settles	Settles	2000
1383	Krenkel	Tayton	2400
1384	Newton	Newton	1000
1385	Lamb	Lamb	1000

(1323) NO. 1295 BROADWAY, Oakland. Alterations. Owner, Cunningham's, Inc., Prem. Architect, None. Contractor, Bay City Cabinet Co. 1080 5th St., Oakland. COST, \$800

(1324) NO. 1408 WEBSTER, Oakland. Alterations. Owner, Huro Muller, 119 Mesa, Oakland. Architect, None. Contractor, J. F. Loughery, 705 31st, Oakland. COST, \$1200

(1325) S. 83RD AVE. 137 S. E-14th St., Oakland. One-story six-room dwelling. Owner, H. J. Pedersen, 8231 E-14th St., Oakland. Architect, None.

Contractor... R. K. Larsen, 3333 Elmwood Ave., Oakland.
COST, \$2000

(1327) E ROSS, 50 N Pagoda Place, Oakland. Two-story, 7-room dwg.
Owner.....L. H. Dyke, 114 59th St., Oakland.
Architect.....None.
Contractor.....Thos. Guthrie, 2128 35th Ave., Oakland.
COST, \$2750

(1328) S THIRTY-EIGHTH 335 E Broadway, Oakland. One-story four-room dwelling.
Owner.....Geo. Tyson, 260 38th St., Oakland.
Architect.....None.
Contractor.....E. Saxton, 4225 Terrace St., Oakland.
COST, \$2100

(1329) NO. 507 14TH ST., Oakland. Alterations.
Owner.....Meyer F. Lewis, Prem.
Architect.....None.
Contractor.....Corbett & Bayliss, 1110 Franklin, Oakland.
COST, \$400

(1330) N Georgia 165 E Laurel Ave., Oakland. One-story 5-room dwlg.
Owner.....G. B. McClelland, 2434 Damuth, Oakland.
Architect...None.
Day's work.....COST, \$1600

(1338) SW BROADWAY AND 42ND, Oakland. One-story stores.
Owner.....Ed. J. and Mary W. Tyrrell Security Bank Bldg., Okd.
Architect...None.
Contractor.....John Carson, Bacon Bldg., Oakland.
COST, \$2500

(1339) S SALISBURY 440 W 35th Ave., Oakland. One and one-half-story 5-room dwelling.
Owner.....J. Debro, 3275 35th Ave., Oakland.
Architect...None.
Day's work.....COST, \$1800

(1340) S SIXTY-FIFTH 350 W San Pablo Ave., Oakland. One-story five-room dwelling.
Owner.....Joseph Philipp, 1145 65th, Oakland.
Architect...None.
Contractor.....D. Rainier, 872 43rd, Okd.
COST, \$1500

(1341) N "E" 230 W Jones Ave., Oakland. One-story 4-room dwelling.
Owner.....T. H. Merthew, Jr., 1331 Brush, Oakland.
Architect...None.
Day's work.....COST, \$850

(1342) COR. THIRD & BRUSH, Oakland. One and one-half-story barn.
Owner.....Antonio Silvatti, 728 2nd, Oakland.
Architect...None.
Contractor.....D. Uccello, 434 Avon, Okd.
COST, \$700

(1343) S FOOTHILL BLVD. 40 E 54th Ave., Oakland. Two-story 7-room dwelling.
Owner.....Warren A. Desoso, 5243 Wentworth Ave., Oakland.
Architect...None.
Contractor.....J. A. Stanley, 1436 45th Ave., Oakland.
COST, \$2500

(1344) S FORTY-FIRST 155 E Grove, Oakland. One-story 5-room dwlg.
Owner.....F. Hahn, 4039 Adeline, Oakland.
Architect...None.
Contractor.....B. A. Stuart, 616 41st, Okd.
COST, \$2750

(1345) W MANILA 175 S 40th, Oakland. One-story brick mill.
Owner.....F. P. Gallagher, 569 29th, Oakland.
Architect...None.
Day's work.....COST, \$2000

(1346) LOT S BLK 14 Map Blvd Park, Oakland. All work for one-story 5-room dwelling.
Owner.....R. T. and Alleen E. Breen, 1318 Brush, Oakland.
Architect...None.
Contractor.....A. E. Dexter, 2321 Grove, Oakland.
Filed May 26, '14. Dated May 21, '14.
As work progresses \$1750 will be paid, balance taken out in Deed of Trust.....
TOTAL COST, \$2050
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1347) N E-SEVENTEENTH 75 S — S 75 N 110 (as recorded), Oakland. All work for two-story apartments (4 3-room and sleeping porch).
Owner.....Theresa E. Schmitt, Okd.
Architect...None.
Contractor.....Sommarstrom Bros., 202 E-12th, Oakland.
Filed May 26, '14. Dated May 20, '14.
Frame up\$1812
Plastered1812
Completed and accepted.....1812
Usual 35 days.....1814
TOTAL COST, \$7250
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.
NOTE:—Specifications read N E-16th — E 4th Avenue.

(1348) W CASTRO ext S 80 S First W 456.02 S 200 E to W line Castro ext S N to pt beg, Oakland. One Jones oil gas set and 1 primary scrubber and 3 secondary scrubbers for gas works.
Owner.....Pacific Gas & Elec. Co., 443 Sutter, San Francisco.
Architect...None.
Contractor.....Schaw-Batcher Co Pipe Works, 356 Market, S. F.
Filed May 26, '14. Dated May 22, '14.
Each month50%
Completed (make total of job). 75%
Usual 35 days.....25%
TOTAL COST, \$23,816.75
Bond, \$11,659. Sureties, C. F. Dillman and Alden Anderson. Limit, 90 days.
Forfeit, none. Plans and specifications filed.

(1349) NW ASHMOUNT AND SEA View Aves, Piedmont. All work for one-story and basement frame dwlg.
Owner.....Miss Pearl Cawston, 349 Vernon, Oakland.
Architect...Sidney B. Newsom, Nevada Bank Bldg., S. F.
Contractor.....C. J. Krieger, 1062 Mariposa Ave., Berkeley.
Filed May 26, '14. Dated May 18, '14.
Foundation in\$391
Frame up900
Plastered900
Completed and accepted.....900
Usual 35 days.....370
TOTAL COST, \$2067
Bond, \$1940. Sureties, Geo. W. Radebayer and H. C. Newman. Limit, 80

days. Forfeit, \$5. Plans and specifications filed.

(1350) JUNCTION BAY PLACE AND Grand Ave., Oakland. Steel frame supply station.
Owner.....National Supply Stations, Inc.
Architect...None.
Contractor.....Van Sant-Houghton Co., 1st National Bank Bldg., Oakland.
COST, \$600

(1351) NO. 3573 BOULEVARD, Oakland. Addition.
Owner.....S. D. Wilcox.
Architect...None.
Contractor.....F. A. Young, Premises.
COST, \$400

(1352) NO. 3915 E-TWELFTH, Oakland. Alterations.
Owner.....J. H. Rackby, 3915 E-12th, Oakland.
Architect...None.
Contractor.....W. B. Roberts, 3915 E-12th, Oakland.
COST, \$500

(1354) NO. 115 MONTICITO AVE., Oakland. Alterations and additions.
Owner.....Dr. Cunningham, 29th and Webster, Oakland.
Architect...None.
Contractor.....Jos. Neal, 3309 College Ave., Oakland.
COST, \$2000

(1355) S LAWTON AVE 200 W Gray, Oakland. Two-story 7-room dwlg.
Owner.....T. Anderson, 6046 Lawton Ave., Oakland.
Architect...None.
Contractor.....Geo. Anderson, 6046 Lawton Ave., Oakland.
COST, \$3000

(1356) W LIESE AVE 200 S Allendale Ave., Oakland. One-story 5-room dwelling.
Owner.....H. A. Pleitner, 954 Fruitvale Ave., Oakland.
Architect...None.
Day's work.....COST, \$1600

(1357) W DOVER 130 S 59th, Oakland. One-story 5-room dwelling.
Owner.....W. S. Young, 533 63rd, Oakland.
Architect...None.
Day's work.....COST, \$1600

(1360) LOT 17 BLK 16 Northbrae, Albany Tp. All work for one and one-half-story frame dwelling.
Owner.....R. E. Moncaster, Berkeley.
Architect...None.
Contractor.....E. J. Aalto, 1531 California Berkeley.
Filed May 27, '14. Dated May 21, '14.
Frame up\$741
Brown coated741
Completed and accepted.....741
Usual 35 days.....742
TOTAL COST, \$2965
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1362) E NINTH AVE 150 S E-17th, Oakland. One-story 5-room dwlg.
Owner.....J. F. Maynard, 266 7th, Oakland.
Architect...None.
Contractor.....H. R. Abrahamson, 41 Laurel Ave., Oakland.
COST, \$1950

(1363) E MADISON 100 S Lake, Oakland. Exterior plastering.
Owner.....W. R. Dangerfield, El Nido Apartments, Oakland.
Architect...None.
Contractor...M. Allen, 605 18th, Okd.
COST, \$400

(1364) N ALEXANDER COURT 157 W 35th Ave, Oakland. One-story 6-room dwelling.
Owner.....M. C. Bolts, 3116 Central Ave., Alameda.
Architect...None.
Day's work. COST, \$2000

(1365) NOS. 530-536 SEVENTH, Oakland. Alterations.
Owner.....F. A. Will & Co., Bacon Bldg., Oakland.
Architect...None.
Contractor...A. L. Davis, 2626 Union, Oakland.
COST, \$1000

(1366) E MANILA AVE 50 S Glendale Ave., Oakland. Two-story 6-room dwelling.
Owner.....Minnie Willford, 1229 Broadway, Oakland.
Architect...None.
Contractor...Howard Willford, 1229 Broadway, Oakland.
COST, \$2475

(1367) N ALEXANDER COURT 120 W 35th Ave., Oakland. One-story five-room dwelling.
Owner.....M. C. Bolts, 3116 Central Ave., Alameda.
Architect...None.
Day's work. COST, \$2000

(1371) W MABLE 150 N Russell, Oakland. One-story 5-room dwelling.
Owner.....W. H. McGill, 1970 Post, San Francisco.
Architect...Wright & Rushforth, 571 California, San Francisco.
Contractor...C. Texdahl, 3035 Harper, Berkeley.
COST, \$1900

(1372) E FREMONT 320 N 59th, Oakland. One-story 5-room dwelling.
Owner.....Elizabeth A. Eccles, Okd.
Architect...None.
Contractor...M. E. Valente, 5882 Vallejo, Oakland.
COST, \$1700

(1373) GORE BROADWAY, WEBSTER 25th, Oakland. One-story store.
Owner.....Boardman Estate, Oakland.
Architect...J. J. Henry Boehrner, Delger Bldg., Oakland.
Contractor...Boehrner & Legault, Delger Bldg., Oakland.
COST, \$1000

(1374) NW AND SE CURB LIX'S Estabrook street each 77 feet long and 1 at r a to first 16.5 feet, San Leandro. All work for culverts.
Owner.....Western Pacific Railway Co., Mills Bldg., S. F.
Architect...None.
Contractor...Ernest H. Sundberg, Bacon Bldg., Oakland.
Filed May 27, '14. Dated May 11, '14.
Completed and accepted..... 75%
30 days after TOTAL COST, \$311.50
Bond, \$250. Surety, National Surety Co. Limit, 60 days. Forfeit, none.
Plans and specifications filed.

(1375) NO. 1170 FIFTH, Oakland. All work except painting for remodelin

two-story and basement frame dwlg
Owner.....Geo. Gillo, Oakland.
Architect...None.
Contractor...F. J. Theile, 980 7th, Okd
Filed May 28, '14. Dated May 23, '14
House raised and new joists put
in \$235
1st coat plaster on 33
Completed 35
Usual 35 days..... 325
TOTAL COST, \$1314
Bond, \$670. Surety, Henry Ott. Limit 60 days. Forfeit, \$1. Plans and specifications filed.

(1376) W BROADWAY 125 N Birnie 25XW 127-8, Oakland. Steam heating for two-story Class "C" store an office building.
Owner.....B. and M. Clanciarulo, 70 Clay, San Francisco.
Architect...Wm. Wilde, Albany Bk. Oakland.
Contractor...C. R. Watts, 2442 Shattuck Ave., Berkeley.

Filed May 28, '14. Dated May 23, '14.
Roughed in \$20
Completed 280
Usual 35 days..... 16
TOTAL COST, \$64
Bond, \$235. Surety, Aetna Accident Liability Co. Limit, 5 days. Forfeit \$10. Plans and specifications filed.

(1378) S WALNUT 80 W Lilac, Oakland. One-story 6-room dwelling.
Owner.....J. E. Settles, 1540 Broadway, Oakland.
Architect...None.
Day's work. COST, \$2000

(1382) W STANLEY ROAD 100 S Voltaire Ave., Oakland. One-story five-room dwelling.
Owner.....Jno. F. Krenkel, 631 18th, Oakland.
Architect...None.
Contractor...F. G. Tayton, 5237 Miles Ave., Oakland.
COST, \$2100

(1384) E LOUISIANA 75 S Walker Ave Oakland. One-story 5-room dwlg.
Owner.....Chas. Nelson, 408 Stannage Ave., Albany.
Architect...None.
Day's work. COST, \$1000

(1385) S REDDING 50 W Maybell Ave Oakland. One-story 5-room dwlg.
Owner.....Mr. and Mrs. J. Lamb, S. F.
Architect...None.
Day's work. COST, \$1000

Building Contracts Awarded, Berkeley.

No.	Owner	Contractor	Am't.
1326	Best	Okd Bldg	750
1331	Sweezy	Pallen	1700
1332	Same	Same	1700
1333	Pallen	Pallen	2500
1334	Taylor	Livingston	450
1335	Barton	Barton	500
1336	Marvis	Marvis	1600
1337	Ala Bldrs	Wiley	1200
1338	Darnin	Kidder	500
1339	Neary	Neary	2500
1339	Reimers	Reimers	300
1368	Sien	Texdahl	750
1369	Sampson	Neal	500
1370	White	Junk	400
1377	Nelson	Nelson	2600
1379	Gentry	Gentry	750
1380	Ekstrom	Ekstrom	1800
1381	Buchanan	Buchanan	6000
1382	Davis	Kearney	450
1386	De Roco	Peake	3350

(1326) E ARLINGTON AVE. 100 N Indian Rock Path, Berkeley. Two-story, 12-room dwelling.

Owner.....W. E. Best, Vallejo.
Architect...None.
Contractor...Oakland Building Co., Security Bank Bldg., Okd.
COST, \$7750

(1331) N RUSSELL 162 W McGee, Berkeley. One-story 5-room dwelling.
Owner.....M. V. Sweezy, 2520 Cedar, Berkeley.
Architect...None.
Contractor...A H Pallen, 686 61st, Okd.
COST, \$1700

(1332) N RUSSELL 130 W McGee, Berkeley. One-story 5-room dwlg.
Owner.....M. V. Sweezy, 2520 Cedar, Berkeley.
Architect...None.
Contractor...A. H. Pallen, 686 61st, Okd.
COST, \$1700

(1333) E JOSEPH AVE 350 N Hopkins Berkeley. One-story 5-room dwlg.
Owner.....A. H. Pallen, 686 61st, Okd.
Architect...None.
Day's work. COST, \$2500

(1334) NW IDAHO AND ALCATRAZ, Berkeley. Alterations.
Owner.....H. W. Taylor, Uplands, Claremont.
Architect...None.
Contractor...W. Livingston, 2918 Ellis, Berkeley.
COST, \$450

(1335) E MARIPOSA 140 N Amador, Berkeley. Two-story 7-room dwlg.
Owner.....F. Euton, 1625 Shattuck Ave., Berkeley.
Architect...Jas. W. Plachek, Acheson Bldg., Berkeley.
Day's work. COST, \$1000

(1336) N OREGON 115 E Grove, Berkeley. Two-story 6-room dwelling.
Owner.....E. J. Marvis, 2972 Adeline, Berkeley.
Architect...None.
Day's work. COST, \$1600

(1337) N END PIEDMONT PLACE, Berkeley. Two-story 16-room Fraternity House.
Owner.....Alameda County Home Builders, Inc., 1st National Bank Bldg., Berkeley.
Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., Bkly.
Contractor...J. M. Wiley, 1718 Hearst Ave., Berkeley.
CCST, \$12,000

(1352) NO. 2536 COLLEGE AVE., Berkeley. Two-story addition.
Owner.....J. C. Darnin, 2528 Benvenue Ave., Berkeley.
Architect...None.
Contractor...Kidder & McCullough, 2075 Addison, Berkeley.
COST, \$500

(1358) S DERRY 200 E Walker Berkeley. One and one-half-story six-room dwelling.
Owner.....Wm F. Neary, 122 Kempton Ave., Berkeley.
Architect...None.
Day's work. COST, \$2500

(1359) S ROSE 250 E Tamalpais, Berkeley. One and one-half-story 7-room dwelling.
Owner.....Johannes Reimers, 1330 Spruce, Berkeley.
Architect...None.
Contractor...Fred H. Reimers, 1330 Spruce, Berkeley.
COST, \$3000

May 23, 1914—S TWENTY-SECOND
360 E Webster E 51xS 162, Okd. The
J Llewellyn Co vs D Miller....\$28.20

May 23, 1914—LOTS 3 AND 4 BLK 29
Map Warner Tract, Okd. Nells Da
San Martino to J P Kujawa.....
..... May 27, 1914
May 23, 1914—S SHAPTER AVE 150
E College Ave 80x131, Okd. Harold
Everhart, H E Chandler, E H Sim-
onds, Newell Wilson and E T Hall,
Trustees Geoivet Congregational
Church to Geo Gordon. May 21, 1914
May 23, 1914—LOT 13 BLK 3 on N
Warwick, bet Perkins and Euclid
Ave, being No. 329 Warwick, Okd.
Chas E Uren to W A Sleep. May 22, '14
May 25, 1914—LOT 10 BLK "O" Map
4th Ave Terrace, Okd. Paul E
Powell to whom it may concern.....
..... May 27, 1914
May 29, 1914—4 MILES FROM TP OF
Pleasanton, Alameda Co. J Witt
Dougherty to Lamont & Millar.....
..... May 27, 1914

◆

LIENS FILED.

ALAMEDA COUNTY.

May 23, 1914—S TWENTY-SECOND
360 E Webster E 51xS 162, Okd. The
J Llewellyn Co vs D Miller. \$28.20
May 25, 1914—LOT 20 BLK Q Laurel
Grove Park, Brooklyn Td. John

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1318	Fossing ..6.....	Fossing	600
1319	Stoltz	Adams	2200

Peters vs F H Griswold.....\$24.60
 May 23, 1914—LOT 12 Map Piedmont
 by-the-Lake, Okd. Sunset Lumber
 Co vs F A Briggs and B B Burnett
\$78.29
 May 26, 1914—LOT 5 BLK 8 Map
 Shah Tract Blks 4, 6, 7, 8 and 9,
 Bkly. Contra Costa Bldg Materials
 Co vs A R Morris and W E Beniter
\$22.10
 May 26, 1914—LOT 4 BLK 9 Map
 Claremont, Bkly. John P Maxwell
 vs James C Bowman and Bay
 Cities Bldg Co.....\$475.88
 May 27, 1914—LOT 26 Amended Map
 Alta Piedmont Tract, Oakland Tp.
 De Luchi-Shuffelt Co vs John
 Heafy and O M Bullock.....\$102.33
 May 28, 1914—LOT 4 BLK 9 Map
 Claremont, Bkly. Haines, Jones &
 Cadbury Co vs Helena Kathryn
 & C Bowman, Oscar Sellers and
 Bay City Bldg Co.....\$672.83
 May 28, 1914—MONTE AVE NO. 11,
 50x150, Piedmont. Torrid Zone
 Furnace Co vs Mrs E Hawkins
 and C M MacGregor.....\$3
 May 29, 1914—E PIEDMONT AVE
 134 S Stuart S 38 E 125 S 42 W S 3
 S 30 N 13 in 36 S 10 W 12 W, Bkly
 W G Black vs Albert M Lambert...\$140

SAN JOSE AND THE SANTA CLARA VALLEY

RESIDENCES—1 and 2 story and base, frame. Cost not stated. San Jose, Santa Clara Co., Cal. The following Day Labor jobs are reported as about to be started in San Jose: A. De Smet, 389 North 11th street, five-room cottage; F. O. Nelson, 249 South 15th street, six-room cottage; John Harter, East 12th street, five-room cottage; John Wahl, 180 North 12th street, two-room addition, and L. Santoro, southwest Virginia and Locust avenue, 2 story store and flat. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$5,000, Watsonville, Santa Cruz Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owner, Roy Eaton. The dwelling has been designed for an eight-room house with two baths and sleeping porch. Interior will be finished in pine and hardwood. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath rooms will have tile floors and wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, frame. Cost not stated. Watsonville, Santa Cruz Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owner, Dr. Wayland. The dwelling has been designed for an eight-room house with two baths and sleeping porch. Interior will be finished in pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. The wainscot will be used in the bath rooms and kitchen. An automatic water heater will be installed. Showers will be used in the bath rooms. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, frame. Cost not stated. Palo Alto, Santa Clara Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, H. L. Haehl. The dwelling will contain eight rooms, bath and sleeping porch. Interior finish will be largely of pine with some elm. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile floor and wainscot and will be equipped with a shower. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

COLUMBARIUM—1 story and base, reinforced concrete, \$100,000, Mt. Olivet, San Mateo Co., Cal. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owners, Mt. Olivet Cemetery. The building has been mentioned here before when the architect was first commissioned to prepare plans. The structure will be fireproof throughout. Interior will be finished in Onen stone and marble. Special plumbing fixtures, lighting fixtures and heating will be installed. Marble and tile will be used extensively. Exterior of the building will be faced with cement plaster. Plans are now complete and figures will be taken within a week or ten days.

SCHOOL—2 story and base, reinforced concrete, \$80,000, Santa Cruz, Santa Cruz Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Santa Cruz School District. The building has been designed to contain fourteen class rooms, assembly hall seating 600 people, domestic science and manual training departments and principal's office. Interior finish will be of pine and hardwood with maple floors in the class rooms. Plans provide for steam heat, oil burning system, program clocks and vacuum cleaning system. Exterior will be faced with cement plaster. Working drawings will be complete and ready for figures within ten days.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

NOS. 74 AND 76 N-FIRST ST., San Jose. Remodel front and interior.
 Owner.....San Jose Abstract Co., 74-76 N-1st St., San Jose.
 Architect.....None.
 Contractor.....J. C. Thorp, Porter Bldg., San Jose.

COST, \$500

NO. 119 E-EMPIRE ST., San Jose. One-story addition to milk house.
 Owner.....E. M. Smith, Premises.
 Architect.....None.
 Day's work.....COST, \$400

NO. 850 N-MILLER ST., San Jose. Six-room cottage.
 Owner.....F. G. Cook, Premises.
 Architect.....None.
 Day's work.....COST, \$2000

NOS. 24-26 N-FIRST ST., San Jose. Remodel front and interior.
 Owner.....San Jose Abstract Co., 74-76 N-1st St., San Jose.
 Architect.....None.
 Contractor.....J. C. Thorp, Porter Bldg., San Jose.
 COST, \$800

NO. 415 S-THIRD ST., San Jose. Remodel and repair residence.
 Owner.....Lewis Co., Premises.
 Architect.....None.
 Day's work.....COST, \$1300

NO. 226 S-TWENTY-THIRD ST., San Jose. Four-room cottage.
 Owner.....Mrs. Emma S. Yender, Premises.
 Architect.....None.
 Day's work.....COST, \$500

BUILDING CONTRACTS.

SAN MATEO COUNTY.

SAN MATEO CREEK AND D STREET San Mateo. Widen and complete concrete bridge.
 Owner.....City of San Mateo.
 Architect.....None.
 Contractor.....J. H. Wilson, San Mateo.
 Filed May 13, '14. Dated April 30, '14.
 On completion.....\$162
 TOTAL COST, \$162
 Bonds, \$813, and \$106.50. Sureties Charles Wirick and Julius Ild. Limit 60 working days. Forfeit, none. Plans and specifications filed.

SAN MATEO CREEK AND GRIFFITH AVE., San Mateo. All work and materials for concrete bridge.
 Owner.....City of San Mateo.
 Architect.....None.
 Contractor.....J. H. Wilson, San Mateo.

Filed May 13, '14. Dated April 30, '14.
 On completion.....\$10.90
 TOTAL COST, \$10.90
 Bonds, \$5500, and \$2750. Sureties, John Hehl and Henry Maier. Limit, 13 working days. Forfeit, none. Plans and specifications filed.

SAN MATEO CREEK & "C" STREET San Mateo. All work and material for concrete bridge.
 Owner.....City of San Mateo.
 Architect.....None.
 Contractor.....J. H. Wilson, San Mateo.
 Filed May 13, '14. Dated April 30, '14.
 On completion.....\$430
 TOTAL COST, \$430
 Bonds, \$2250, and \$1100. Sureties, Hugh McLoughlin and Wm. F. Turnbull. Limit, 120 working days. Forfeit none. Plans and specifications filed.

SAN MATEO CREEK & "F" STREET San Mateo. All work and material for concrete bridge.
 Owner.....City of San Mateo.
 Architect.....None.

Contractor.....J. H. Wilson, San Mateo.
 Filed May 13, '14. Dated April 30, '14.
 On completion.....\$420
 Bonds, \$2150 and \$1100. Sureties, Aaron Kruger and M. F. Boland. Limit, 12 working days. Forfeit, none. Plans and specifications filed.

NOTE:—Kruger is the way the name is spelt on bond.

SAN MATEO CREEK & "H" STREET San Mateo. All work and material for concrete bridge.
 Owner.....City of San Mateo.
 Architect.....None.
 Contractor.....J. H. Wilson, San Mateo.
 Filed May 13, '14. Dated April 30, '14.
 On completion.....\$10,500
 TOTAL COST, \$10,500
 Bonds, \$5300 and \$2630. Sureties, J. E. Casey and B. Sheehan. Limit, 12 working days. Forfeit, none. Plans and specifications filed.

MARKET Near Santa Clara, San Jose.
All work for alteration to business block.
Owner.....J. J. Southeimer, 97 Auzerais Ave., San Jose.
Architect...Wm. Binder, Rea Bldg., San Jose.
Contractor...R. O. Summers, 17 N-1st, San Jose.

Filed May 9, '14. Dated May 9, '14.
As work completed..... 75%
Usual 35 days..... 25%

TOTAL COST, \$1097
Bond, \$548.50. Sureties, W. H. Christman and Frank Stock. Limit, 28 days. Forfeit, \$6. Plans and specifications filed.

COR. THIRD AND JULIAN, San Jose.
Lumber, labor, nails, etc., for two-story frame apartment house.
Owner.....W. L. Prussia, 133 S-1st, San Jose.
Architect...F. D. Wolfe, 1st Nat'l. Bk. Bldg., San Jose.
Contractor...E. Courtney & H. Henris, Saratoga.

Filed May 18, '14. Dated May 14, '14.
Frame up.....\$568.75
Ready to plaster..... 568.75
When completed..... 568.75
Receipted bills for lumber, labor and nails obtained..... 568.75
TOTAL COST, \$2275.00
Bond, \$1137.50. Surety, J. B. Kerwin. Limit, 125 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED **ACCEPTED**
May 14, 1914—S-SEVENTH NO. 999, San Jose. E R Davis to E D Wells.....May 10, 1914
May 19, 1914—LOT 8 BLK 3 Shottenhamer Sub No. 2, San Jose. Geo Kettmann to G Kettmann.....May 19, '14
May 20, 1914—GILROY. Coast Counties Gas & Elec Co to Wm Radke.....Apr. 27, 1914
May 21, 1914—LOT 32 Washington Sub, San Jose. Mahle Pelton to whom it may concern.....May 21, 1914

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESIDENCE—1 story and base, frame, \$2,000. Tolensia, Solano Co., Cal. Architect, O. E. Evans, 2367 Mission street, S. F. Owner, C. Anderson. The dwelling has been designed for a six-room house with bath and will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. A large open fire place will be used in the living room. Mantels will be of tile. An automatic water heater is specified. Exterior of the dwelling will be covered with rustic and shingles. Plans are complete and the work is now out for figures.

BUILDING CONTRACTS.

MARIN COUNTY.

SITATE IN ROSS, Marin Co. All work for six-room and attic bungalow.
Owner.....Walter J. Dyer, Ross.
Architect...None.
Contractor...F. A. Hanson.
Filed May 25, '14. Dated May 25, '14.
Roof on.....\$900

Brown coated 900
When completed 900
Usual 35 days..... 900
TOTAL COST, \$3600
Bond, \$1800. Surety, American Surety Co. of New York. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS.

CONTRA COSTA COUNTY.

LOT 3 BLK 3 Tormey-Merrithew Add'n to Town of Martinez. Material for walls, floors, ceilings, roofings, etc., for one-story cottage.

Owner.....P. R. Black, Martinez.
Architect...None.
Contractor...Luke Bulger & Son, Martinez.

Filed May 22, '14. Dated May 21, '14.
Concrete foundation, chimney built, frame up and rafters on.....\$500
Mill work on outside, all rustic on, windows in and shingles on. 500
Lathed and plastered with 2 coats plaster and 1 coat paint on outside 500
Completed according to plans and specifications 375
TOTAL COST, \$1875
Bond, none. Limit, forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED **ACCEPTED**
May 21, 1914—W MAIN, Danville. E J Briscoe to Nell Harrison.....May 20, 1914

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED **ACCEPTED**
May 26, 1914—EAST SAN RAFAEL. Marin Co. Arthur G Duncan to L Allen.....May 25, 1914

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

THEATRE—4 story and base. Class A construction, \$80,000. Fresno, Fresno Co., Cal. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, T. C. White. The building will be erected on a corner of I street, and will be fireproof throughout with a complete steel frame, reinforced concrete walls, floors and roof slabs. Interior partitions will be of hollow tile and metal. Plans provide for steam heat, a modern system of ventilation and vacuum cleaning. The first floor will contain the theatre and several stores, while the upper floors will be arranged for modern offices. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

SCHOOL—1 story and base, frame, \$10,000. Riverbank, Stanislaus Co., Cal. Architects, Woollett & Woollett, Newhall Bldg., S. F. Owners, Riverbank School District. The building will contain four class rooms and an assembly hall. Interior will be finished in pine throughout. There will be a warm air system of heating. Exterior will be covered with cement plaster on metal lath. Plans are being prepared.

lished in pine throughout. There will be a warm air system of heating. Exterior will be covered with cement plaster on metal lath. Plans are being prepared.

STORES—1 story and base, brick, \$6,000. Hughson, Stanislaus Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owner, George A. Kennedy. The building will contain two modern stores. Interior finish will be of pine and redwood. Plans provide for plate glass display windows and patent store fronts. A marble base will be used. Exterior will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

SCHOOL—2 story and base, brick, \$39,984. Corcoran, Kings Co., Cal. Architect, J. Carl Thayer, Forsythe Bldg., Fresno. Owners, Corcoran Union High School District. Contractors, Campbell & Turner, Oschner Bldg., Sacramento. Contract price, \$39,984.

BUILDING CONTRACTS.

FRESNO COUNTY.

NE 75 FEET LOTS 17 TO 19 BLK 72, Fresno City. Repairs and improvements for two-story rooming house. Owner.....Selma S. Wiener, Fresno. Architect...None.

Contractor...C. Samuelson, Fresno.
Filed May 20, '14. Dated May 20, '14.
Rough plumbing completed..... 1/2
Entire work completed..... Balance

TOTAL COST, \$1171
Bond, \$600. Sureties, A. M. Loper and C. L. Hansen. Limit, June 11. Forfeit, \$10 per day. Plans and specifications filed.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

HOTEL—4 story and base, brick and steel, \$50,000. Arcata, Humboldt Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Arcata Hotel Co. The building will be erected on one of the most important business corners and will be arranged for stores, hotel office, lobby and public dining room on the first floor. Upper floors will contain 80 guest rooms and a number of public and private baths. Interior will be finished in pine throughout. There will be steam heat, elevator service and a hot water supply. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Bids will close on June 12th.

SCHOOL—1 story and base, frame, \$12,000. Codora, Glenn Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Codora School District. The building will contain four class rooms and an assembly hall. Interior finish will be of pine throughout. Maple floors will be used in the class rooms. A warm air heating system will be installed. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

HIGHWAY CONSTRUCTION—Cost not stated. California. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids opened at the last meeting of the State Highway Commission for the construction of highways in eight counties will be found

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under the heading of Sacramento, Stockton and Northern California in this issue.

BOARD OF CONTROL OPENS BIDS.

Two Bids Only Were Received at Sacramento for Construction of Gas Holder at Talmage.

(By Special Wire)

SACRAMENTO, CAL., June 1st, 1914---Bids were opened by the State Board of Control for constructing a gas holder at the Mendocino State Hospital at Talmage. Only two bids were received. The Western Pipe & Steel Co., of California, bid \$5,285 and Rolph Mills & Co. bid \$8,150. A contract was not awarded.

State Highway Bids In Eight Counties.

Complete List of Figures Opened at the Last Meeting of the State Highway Commission.

Bids were opened by the State Highway Commission at their last meeting for constructing highways in the following counties: Soledad, 9.9 miles, Marin about, 6.9 miles; Santa Clara about 6.9 miles; Kern, about 13.0 miles; Humboldt, about 7.3 miles; Colusa, about 19.8 miles; Solano, about 8.8 miles; Tulare, about 4.3 miles; Los Angeles, about 12.7 miles. A complete list of these bids together with a list of the materials furnished by the State and the Engineer's estimate for the work follow:

SOLANO CO. DIV. 3 ROUTE 7 SEC. A.
Commary-Peterson Co., Inc.

San Francisco\$56,410
Engineer's Estimate, \$67,215.

Materials furnished by State: Pipe railing for culverts, reinforcing steel, corrugated iron pipe, Portland cement, sand and coarse aggregate for concrete. Total, \$45,668.31.

MARIN CO. DIV. 4 ROUTE 1 SEC. B.
H. L. Petersen and A. J. Grier,

San Francisco\$71,597.00
Percy L. Burr, S. F. 70,765.50
O'Brien Bros., Oakland, 53,995.00
P. H. Hoare, Oakland, 64,374.50

Engineer's Estimate, \$60,774.25.

Materials furnished by State: Pipe railing for culverts, reinforcing steel, corrugated iron pipe, Portland cement, sand and coarse aggregate for concrete, gravel for surfacing. Total, \$11,368.10.

SANTA CLARA CO. DIV. 4 ROUTE 2 SEC. C.

Petersen & Grier, S. F.\$40,877.50
Fred Leffler, S. F. 57,865.00

Engineer's Estimate, \$40,223.

Materials furnished by State: Pipe railing for culverts, reinforcing steel, corrugated iron pipe, Portland cement, sand and coarse aggregate for concrete and broken stone for shoulders. Total, \$27,833.50.

KERN CO. DIV. 6 ROUTE 4 SEC. C.

Rogers Bros. Los Angeles,\$79,386.50
Richard Rothwell, L. A. 94,796.00

John D. Marsh, L. A. 72,282.70
Lynn S. Atkinson, L. A. 57,237.50

Engineer's Estimate, \$76,976.25.

Materials furnished by State: Pipe railing for culverts, reinforcing steel, corrugated iron pipe, Portland cement, sand and coarse aggregate for concrete Total, \$67,912.50.

HUMBOLDT CO. DIV. 1 ROUTE 1 SEC. D

A. C. McLean Constr. Co., Fort
Seward\$32,163.80

Frank L. Smith, Eureka, 67,865.30
P. L. Burr, S. F. 71,229.50

Fairbanks & Baechtel, Wil-
lits 82,079.00

Wm. Crowley & Thos E. Cloney
Eureka (irregular), 66,611.10

Engineer's Estimate, \$75,758.50.

Materials furnished by State: Pipe railing for culverts, reinforcing steel, corrugated iron pipe, and Portland cement. Total, \$15,136.13.

COLUSA CO. DIV. 3 ROUTE 7 SEC. A

Wm. Blumenkranz, Stockton,\$9,991.50
C. L. Schaad, Williams, 54,905.50

Engineer's Estimate, \$56,374.12.

Materials furnished by State: Pipe railing for culverts, reinforcing steel, corrugated iron pipe, Portland cement and coarse aggregate. Total \$52,285.

SOLANO CO. DIV. 3 ROUTE 7 SEC. C.

Commary-Peterson Co., Inc.,
San Francisco\$49,571.70

Engineer's Estimate, \$61,702.42.

Materials furnished by State: Pipe railing for culverts, reinforcing steel, corrugated iron pipe, Portland cement, sand and coarse aggregate for concrete. Total, \$39,292.60.

TULARE CO. DIV. 6 ROUTE 4 SEC. C.

Parley & Hazdon, Tulare,\$21,561.90

Engineer's Estimate, \$19,549.43.

Materials furnished by State: Pipe railing for culverts, reinforcing steel, corrugated iron pipe, Portland cement, sand and coarse aggregate for concrete. Total, \$21,006.90.

LOS ANGELES CO. DIV. 7 ROUTE 4 SEC. D.

C. H. Hudson, Los Angeles,\$188,109.20
Lee Moor, Caliente, 153,019.10

P. A. & C. H. Howard, L. A. 150,075.50
Richard Rothwell, L. A. 290,889.00

W. W. Atkinson, L. A. 189,099.00

E. H. Williams

Chalmer Munday

Munday & Williams Attorneys-at-Law

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Leigh G. Garnsey, L. A. 237,295.29

Engineer's Estimate, \$202,366.81.

Materials furnished by State: Pipe railing for culverts, reinforcing steel, corrugated pipe and Portland cement. Total, \$44,366.90.

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

S ¼ LOTS 1 AND 2, T. U. 21ST & 22ND
Sts. Sacramento. Material and work for residence and garage.

Owner,.....Wallace A. Briggs, 1005 K
St., Sacramento.

Architect...E. C. Hemmings, 1203 J
St., Sacramento.

Contractor, Morrill & Clark Bldg. &
Constr. Co., 715 23rd St.,
Sacramento.

Filed May 23, '14. Dated May 22, '14.
COST, \$16,993

E ½ LOT 2 H. I. 7TH AND 8TH STS.
No. 708 H St., Sacramento. Three
story frame tenement (6 apartments)

Owner,.....Frank Hickman, 1311 I
St., Sacramento.

Architect...None.

Contractor, Mathews Constr. Co. Forum
Bldg., Sacramento.

COST, \$750

N ½ OF S ½ LOT 1, W. X, 23RD ANI
24th Sts., No. 2311 23rd St., Sacra-
mento. Two-story 6-room frame
dwelling.

Owner,.....H. M. Earle, 3628 Magno-
lia Ave., Sacramento.

Architect...None.

Day's work. COST, \$250

E ½ LOT 6, B. C. 24TH AND 25TH STS
Sacramento. One-story five-room
frame dwelling.

Owner,.....James Hooker, 1506 F St.,
Sacramento.

Architect...None.

Contractor, Chatterton Bros., 211
28th St., Sacramento.

COST, \$220

Lot 26 GOLF TERRACE, bet H and J
Sts., on Walnut Ave., Sacramento

One-story five-room frame dwlg.

Owner,.....L. L. Johnson, 1219 33rd
St., Sacramento.

Architect...None.

Day's work. COST, \$1700

Lot 34 ROSE AVE TRACT NO. 2, Sut-
ter street near Calaveras Ave., Sacra-
mento. One-story 5-room frame
dwelling.

Owner,.....E. A. Thiele, 1608 21st St.,
Sacramento.

Architect...None.

Contractor, Guy Foley, 3940 Magnolia
Ave., Sacramento.

COST, \$1600

LOT 14 MARSHALL COURT—Marshall Sts., 7th Ave., Sacramento. One-story 5-room frame dwelling.
Owner.....O. H. Moore, 2903 35th St. Sacramento.
Architect...None.
Day's work. COST, \$1500

S ½ LOT 1, H. 1, 25TH AND 29TH STS., No. 915 28th St., Sacramento. Remodel front porch.
Owner.....D. A. Nulley, Premises.
Architect...None.
Contractor...W. A. Van Zee, 2707 I St. Sacramento.
COST, \$300

LOT 61 WEST CURTIS OAKS, No. 210 Second Ave., Sacramento. One-story frame private garage.
Owner.....Dr. Chas. Keane, Premises.
Architect...None.
Contractor...P. F. Reed, 2613 28th St. Sacramento.
COST, \$100

N 45 FEET LOT 8, H. 1, 15TH & 16TH STS., No. 817 15th St., Sacramento. All work to finish off basement and make four-room and bath flat.
Owner.....Mrs. M. Gillispie, Premises.
Architect...None.
Contractor...John I. Tracy, 1807 O St. Sacramento.
COST, \$400

LOT 143 CASA LOMA TERRACE, Sacramento. One-story frame dwelling.
Owner.....Earl Barley, 1119 30th St., Sacramento.
Architect...None.
Contractor...W. D. McKay, 3029 E St., Sacramento.
COST, \$2500

S 11 FEET OF N 82 FEET LOTS 118 AND 119, East Sacramento. One-story four-room frame dwelling.
Owner.....Thos. Harris, Sacramento.
Architect...None.
Contractor...J. J. Jennings, 719 J St., Sacramento.
COST, \$1500

E ½ OF N ½ LOT 8, B. C, 30TH & 31ST STS., Sacramento. One-story 5-room frame dwelling.
Owner.....H. C. Muddox, 20th and L Sts., Sacramento.
Architect...None.
Contractor...J. J. Jennings, 719 T St., Sacramento.
COST, \$1700

E ½ LOT 12 EDWIN TULLAR TRACT, Sacramento. One-story 5-room frame dwelling.
Owner.....D. Valentine, 1308 5th St., Sacramento.
Architect...None.
Contractor...H. Hollenbee, 1631 K St., Sacramento.
COST, \$1900

S ½ OF B. C, 11TH AND 12 STS., Sacramento. Alter warehouse.
Owner.....Phoenix Milling Co., 13th and J Sts., Sacramento.
Architect...None.
Contractor...Henry S. Barnes.
Filed May 27, '14. Dated _____
COST, \$4259

ON S. P. CO'S SHOP GROUNDS. Additions to brass foundry.
Owner.....Southern Pacific Co., Sacramento.
Architect...Southern Pacific Co.
Contractor...Southern Pacific Co.
COST, \$2000

MAGNOLIA AVE near 40th St., Sacramento. Five-room bungalow.
Owner.....Wm. Chaplin, 1818 Q St., Sacramento.
Architect...None.
Contractor...W. C. Curl, 3212 3rd Ave., Sacramento.
COST, \$2000

S ½ OF N ½ LOT 1, W. N. 23RD AND 24TH STS., No. 2304 21th St., Sacramento. Five-room frame dwelling with brick foundation.
Owner.....Philip Wolf Jr., 2101 N St., Sacramento.
Architect...None.
Contractor...Schheckerbier & Thomas.
COST, \$2000

S ½ OF N ½ LOT 8, V. W. 21ST AND 22ND STS., No. 2220 21st St., Sacramento. Seven-room frame dwelling.
Owner.....Charles W. Thomas, Forum Bldg., Sacramento.
Architect...None.
Contractor...Sacramento Home Bldrs.
COST, \$3500

LOT 17 Claremont & Maple Ave., Sacramento. Eight-room frame dwlg.
Owner.....R. Cunningham, 282 ½ J St., Sacramento.
Architect...G. W. Martin & Son.
Contractor...G. W. Martin & Son.
COST, \$1500

GRAND ISLAND on E side of Steamboat slough about on N line of C. J. Goldman's Ranch and L. W. Myers Ranch. Construct school house.
Owner.....Present Board of Trustees.
Architect...None.
Contractor...J. W. De Back.
Filed May 25, '14. Dated May 22, '14.
COST, \$1950

E 20 FT. OF N ½ LOT 2, L. M. 4, 5 STS., No. 108 L St., Sacramento. Two-story reinforced concrete addition to dwlg.
Owner.....Ed. R. F. Walsh, Premises.
Architect...None.
Contractor...W. H. Hawk, 715 H-I Alley Sacramento.
COST, \$300

LOT 62 WEST CURTIS OAKS, No. 2101 Second Ave., Sacramento. Private garage.
Owner.....J. H. Lindsay, Premises.
Architect...None.
Day's work. COST, \$250

NO. 2566 OAK TERRACE, Sacramento. One-story 5-room and basement frame dwelling.
Owner.....M. A. Walsh, 3618 5th St., Sacramento.
Architect...None.
Contractor...C. E. Mendenhall, 3729 Madrone Ave., Sacramento.
COST, \$1500

W 15 FEET LOT 12, ALL LOT 13 BLK 19, South Sacramento. Frame warehouse.
Owner.....Latourette-Fical Co., 35th and Sacramento Ave., Sacramento.
Architect...None.
Contractor...E. A. Pierce, Forum Bldg., Sacramento.
COST, \$800

LOT 1 MARTINDALE 191 M STREET Road, Sacramento. Repair fire damage, making into one-story frame dwelling.

Owner.....Margaret B. Martindale, 491 M St. Road, Sacramento
Architect...None.
Contractor...S. A. Martindale, 491 M St. Road, Sacramento.
COST, \$950

S ½ BLK BDEH BY B. C, 11TH & 12TH STS., Sacramento. Addition and alterations to warehouse.
Owner.....Phoenix Milling Co., 12th and C Sts., Sacramento.
Architect...P. T. Herold, Forum Bldg., Sacramento.
Contractor...Henry S. Barnes, Florin, Cal.
COST, \$5000

2570 OAK TERRACE, Oak Park, No. 3612 5th Ave., Sacramento. One-story 5-room frame dwelling.
Owner.....W. A. Nickerson, 3614 5th St., Sacramento.
Architect...None.
Contractor...C. E. Mendenhall, 3729 Madrone Ave., Sacramento.
COST, \$1500

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

MADISON, PARK, MONROE & FLORA STS., Blk. 41, Stockton. All excavating, concrete work, store work and building complete for two-story and basement school (West Side School).
Owner.....Board of Education of Stockton.
Architect...Stone & Wright, S-California St., Stockton.
Contractor...Daniels & Green, 623 W. Park St., Stockton.
Filed May 21, '14. Dated May 18, '14.
1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$71,841
Bond, \$35,921. Surety, Globe Indemnity Co. Limit, 200 days. Forfeit, \$10.
Plans and specifications filed.

LIENS FILED.

SACRAMENTO COUNTY.

RECORDED	AMOUNT
May 22, 1914—N 44 FT. LOT 5 AND N 14 FT. LOT 6, V. W. 9th and 10th Sts., Sacramento. Seavey Linton vs George J. Schmah and H. Goldman	\$148

LOS ANGELES AND SOUTH-ERN CALIFORNIA.

RESIDENCE—2 story and base, hollow tile construction, \$20,000. Pasadena, Los Angeles Co., Cal. Architects, Richards-Neustadt Co., Wright and Callender Bldg., L. A. Owner, Mrs. E. M. Neustadt. The dwelling will contain twelve rooms, three baths and sleeping porch. Interior will be finished in pine, hardwoods and white enamel. Hardwood and inlaid floors will be used in the principal rooms. Plans provide for steam heat and a hot water system. Vacuum cleaning is also specified. Open fire places will be used. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors. Exterior of the house will be faced with cement plaster. Plans are complete and the work will be carried out by the Richards-Neustadt Co., Wright and Callender Bldg., SCHOOL—1 story and base, reinforced concrete, \$50,000. Holtville, Imperial Co., Cal. Architects, Allison

& Allison, Hibernian Bldg., L. A. Owners, Holtville School District. The building has been designed in the Mission style and will contain twelve class rooms, assembly hall and principal's office. Interior will be finished in pine throughout. There will be a modern system of heating and ventilating. Exterior of the building will be covered with cement plaster. A red clay tile roof will be used. Plans are now being prepared.

SCHOOLS—4, 1 and 2 story, brick, \$100,000. Alhambra, Los Angeles Co., Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Alhambra School District. An eight-room building will be erected at Ramona Acres, a four-room building on Fair Oaks avenue, and three-room primary buildings at the Garfield avenue and Maruengo avenue school sites. The Ramona Acres and Fair Oaks buildings will have concrete foundations, hollow tile exterior walls and interior partitions, pine joists and floors, modern school plumbing, heating plant, cement plaster exterior and tile roof. The primary buildings will have brick walls, hollow tile partitions, tile roof and heating plant. Plans are being prepared.

STORES AND LOFTS—6 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architects, Austin & Pennell, Wright and Callender Bldg., L. A. Owner, Shirley C. Ward. The building will be erected at the northwest corner of 7th and Grand streets, covering an area of 100 by 100 feet. Construction will be fireproof throughout with a complete steel frame, reinforced concrete floors, walls and roof slabs. Interior partitions will be of hollow tile and metal lath and plaster. Plans provide for steam heat, elevator service and vacuum cleaning. Metal window sash and frames will be used. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

STORES AND OFFICES—7 story and base, reinforced concrete. Cost not stated. Pasadena, Los Angeles Co., Cal. Architects, Parkinson & Bergstrom, Security Bank Bldg., L. A. Owners, Citizens' National Bank of Pasadena. This work has been mentioned here when the architects were first instructed to prepare plans. The building will be erected on a corner site and will be fireproof throughout with reinforced concrete walls, floors and roof slabs. Interior partitions will be of metal lath and plaster. The bank will occupy the entire first floor and upper floors will be used for offices. Interior finish will be of pine and hardwood with ornamental plaster in the banking rooms. There will be steam heat, elevator service and vacuum cleaning. Special bank fixtures, vaults and safe deposit vaults will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

APARTMENT HOUSE—3 story and base. Class C construction, \$36,000. Santa Monica, Los Angeles Co., Cal. Architect, Albert C. Martin, Higgins Bldg., L. A. Owner, Thomas Higgins, Contractors. The Broadway Construction Co., Security Bldg., L. A. Contract price, \$36,000.

RAILROAD STATION—1 and 2 story and base, reinforced concrete, \$210,000

San Diego, Cal. Architects, Bakewell Brown, 251 Kearny street, S. F. Owners, Santa Fe Railroad Co. Contractor, W. Simpson, San Diego. Contract price, \$210,000.

PORTLAND AND OREGON.

APARTMENT HOUSE—3 story and base, brick, \$28,000. Portland, Ore. Architect, none. Owner, H. O. Triplett, 510 Lewis Bldg., Portland. The building will be erected on Harrison street between 11th and 12th streets, covering an area of 35 by 100 feet. There will be a total of 18 apartments of two and three rooms. Interior finish will be of pine and elm with some hardwood floors. Plans provide for steam heat and a hot water supply. All suites will have wall beds and private bath rooms. Tile wainscot and composition floors will be used in the bath rooms. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owner who will do the work by lay labor. Materials are now being purchased.

Contracts Awarded.

STORES AND OFFICES—4 story and base. Class A construction, \$100,000. Portland, Ore. Architect, Aaron H. Gould, Henry Bldg., Portland. Owners, Ferrell Investment Co., Contractors, Boyajohn-Arnold Co., Panama Bldg., Portland. Contract price, \$100,000.

SEATTLE AND WASHINGTON.

COURT HOUSE—2 story and base, reinforced concrete, \$50,000. Port Angeles, Clallam Co., Wash. Architect's name not given. Owners, Clallam County. The building will be of fireproof construction with reinforced concrete walls and floors. Interior partitions will be of metal lath and plaster. Besides the offices for the various county officers the building will contain a large meeting room for the supervisors, two court rooms and the county jail. Interior finish will be of pine and hardwood. Fireproof vaults will be installed. Plans provide for steam heat and a hot water system. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

RESIDENCE—2 story and base, brick and terra cotta, \$15,000. Seattle, Wash. Architect, A. Warren Gould, American Bank Bldg., Seattle. Owner, Albert J. Rhodes. The dwelling will be erected on 10th avenue near Howe, and has been designed to contain ten rooms and three baths. Interior finish will be of pine and hardwood. Plans provide for a hot water heating system, open fire places and tile mantels. Bath rooms will be finished in tile and equipped with showers. There will be a vacuum cleaning system. Exterior of the house will be faced with pressed brick. Plans are nearly complete and bids will be called for about the Diminon Government, is capitaliz-

Contracts Awarded.

APARTMENT HOUSE—5 story and base. Class A construction, \$150,000. Seattle, Wash. Architect, John Graham, Lyon Bldg., Seattle. Owner, D. R. McKay. Contractors, W. T. Butler Contracting Co., Central Bldg., Seattle. Contract price, \$150,000.

HARDENING CONCRETE FLOORS.

[Consul Albert Halstead, Birmingham.]

The Chemical Trade Journal for April 15 contains the following:

A new hardening material for the surface of concrete floors contains 20 per cent of iron dust or iron flour. It is added to the dry cement in the proportion of 15 to 25 pounds to each 100 used with two parts of sand. This pounds and one part of the mixture is preparation is applied as a top coat to a thickness of $\frac{1}{2}$ to 1 inch. It forms a hard and durable floor, claimed to be waterproof and not slippery, and is also used for making new concrete adhere to old in repairing.

FOREST FIRES HARM SOIL FERTILITY.

A definite relation between the amount of humus, or vegetable matter in the soil, and its crop-producing power as shown by yields of corn, is given in figures just issued by the department of agriculture. The department therefore advocates the use of various methods to introduce the required humus into the soil.

Experts of the forest service states that the soils of the whole country, and particularly of the south, have lost and are losing immense amounts of this source of soil fertility through forest fires which apparently do little immediate damage but rob the soil of accumulations of humus. In many parts of the southeast, land is being cleared for farming, and where such forest land has not been burned there is a large percentage of vegetable matter which provides considerable fertility and a good texture. Moreover, this soil has a greater capacity to absorb and retain moisture, and thus is less likely to be washed and gullied under heavy rains. For these reasons, leaving out of account the damage to standing timber, the department's authorities are agreed that fire should be rigidly kept out of woodlands.

CHROMIUM IRON ORE INDUSTRY EXPANDING.

California Product Increased 27 Per Cent in 1913.

Many years ago the chromite iron ore industry centered in the Atlantic coast States, especially Maryland and Pennsylvania, where much of this ore was used in the manufacture of chemicals; but in later years the only chrome ore produced in the United States has come from the Pacific coast. According to J. S. Diller, of the United States Geological Survey, in a report on the production of chromic iron ore in 1913, from "Mineral Resources," California has been the only producing State for nearly a decade. The marketed product in 1912 was 261 long tons, valued at \$2,753, a gain of nearly 70 per cent over the production of 1911, but in 1913 the sales amounted to 255 long tons, valued at \$2,254, a gain of nearly 27 per cent in quantity compared with the output of 1912. Practically the whole output in 1913 came from one mine near Dunsmuir, in Shasta County.

Chromite is one of the most difficult minerals to fuse. It will stand a temperature of about 2,180 degrees C., and this marked resistance to heat makes it

valuable for refractory purposes, furnace hearths, chrome bricks for lining furnaces, etc. A large amount is consumed in the manufacture of pigments, dyes, and various chemical compounds, as well as for tanning, in which it imparts to the leather softness and durability under exposure to dampness.

The most rapidly growing use of chromite is metallurgical, in the manufacture of steel alloys. Chromium gives to steel a marked degree of hardness and if added in the proper proportion does not produce brittleness. Chromium steel alone or alloyed with tungsten or molybdenum is used for making high-speed tools. It is also used for armor plates and armor-piercing projectiles, and for these purposes it is generally alloyed with nickel, vanadium, or manganese.

LANDS IN LASSEN FOREST OPENED TO HOMESTEAD ENTRY.

The Secretary of Agriculture has approved the reports of experts of the Forest Service and of the Bureau of Soils on the Hat Creek land classification project within the Lassen National Forest. The project embraces an area of 91,675 acres, of which 25,246 acres are in private ownership. An area of 58,274 acres was classified as non-agricultural, and the final classification as to 6,745 acres was suspended. This area will be re-classified after the sale and removal of the timber in order to determine what part of it is agricultural.

An area of 1,410 acres was found to be chiefly valuable for agriculture under present conditions and will be listed with the Department of the Interior for restoration to entry under the Forest Homestead Law at once. These lands are in Township 32 north, 4 and 5 east; 33 north, 5 east; 34 north, 4 and 5 east; 36 north, 5 east.

No information can be given at the present time as to when the lands will be restored to entry. When they are restored to entry notice to that effect will be posted in the Sacramento U. S. Land Office and advertised in the local newspapers.

FOREST FIRE SEASON GETS EARLY START.

The first reports of forest fires have begun to come in to Washington from the national forests, and they indicate to the federal officers an early start of the fire season with unfavorable weather conditions from the very beginning. In the northwest there was less snow on the mountains at the end of the winter than for many years past. Railroad rights of way which were last year deep in snow are reported clear now and dry enough to burn readily.

From the Canadian border to Mexico the reports are similar, and there have already been extensive fires in California and Arizona.

The chief forester reports, however, that the fire-fighting forces of the Service are organized better than ever before, particularly in respect to the fire detection system of lookout stations. By means of these stations fires are reported quickly and accurately so that the control may be on the ground at the earliest possible moment.

In those states where the greatest danger threatens, special efforts are being made by the government fore-

sters and by cooperative fire protection associations organized among timberland owners to secure care with fire on the part of campers, prospectors, loggers, and by railroads. The northwest forestry and conservation association with headquarters at Portland, Oregon, is one of the leaders in this campaign.

LARGE CHROMIC IRON ORE DEPOSITS IN CALIFORNIA.

Deposits of chromic iron ore occur in Maryland and the adjacent portion of Pennsylvania, in North Carolina, and in Wyoming, but the only deposits operated in the United States within recent years are in California. Numerous deposits have been reported in 32 counties of that State according to the United States Geological Survey, and many of them could be worked if the demand for the ore and its value warranted exploitation. The available deposits, with much in reserve, largely exceed the local demand for refractory material in a field extending as far east as the Rocky Mountains.

The production of chromic iron ore in the eastern portion of the United States, where the demand is greatest, ceased years ago. The supply is now obtained wholly by importation, mainly from South Africa. On the other hand, the Pacific coast supplies all its own demands by home production. Possibly with the completion of the Panama Canal the California product will also invade eastern markets.

Copies of the report on chromic iron ore may be obtained free on application to the Director of the Geological Survey, Washington, D. C.

NEW USES FOR ASBESTOS-CEMENT SHEETS.

Consul W. Henry Robertson, of Manchester, reports that the daily press of that English city recently contained an article relating to the growing demand for asbestos-cement sheets. The journal referred to mentioned, among the purposes for which this new fire-proof and moisture-proof material has already been employed, its use (both inside and outside) in erecting bungalows, tuberculosis sanatoria, army service depots, barracks, hangars, schools, shooting boxes and motion-picture houses, while several vessels now in service have the berths and saloon walls and ceilings lined with these sheets.

CIRCULAR GIVES FOREST FACTS.

Striking facts regarding our forest resources, their value and their waste, are condensed in an eight-page illustrated circular of the American forestry association just issued. The lumber industry is said to employ 735,000 people, to whom are paid annually \$367,000,000 in wages, the worth of products being \$1,250,000,000. The forests of the country cover 550,000,000 acres.

An average of 70 human lives are sacrificed annually in forest fires, says the circular, and a loss occurs of \$25,000,000, damage from insects and tree diseases, which follow fire, costs each year \$50,000,000. The cost of destruction resulting from floods is not estimated, but is given as "countless millions."

But the circular expresses hope more than pessimism. As well as the colored pictures showing the forest fire, the effects of the fire, and the damage caused by floods, it shows also forests planted and grown under intensive management, and the national forest ranger scouting for fires on the mountain lookout station. The effective patrol here referred to has reduced "forest fire losses to as low as one-tenth of one cent an acre." It is pointed out that by planting forests an annual income could be derived in the country of \$65,000,000; and by preservation treatment upon timber each year \$100,000,000 could be saved.

PLEA FOR THE GOTHIC IN CHURCH ARCHITECTURE.

Secular Influences, Former Church Control and Beauty of the Gothic Style.

H. C. Whitthouse, Architect, Hutton Building, Spokane, Wash.

This is a day and age of restlessness, haste and, incidentally, of new styles and fads. In secular affairs one architectural style follows another and chaos seems the result. Where does the church stand amid this confusion of styles? Is she uninfluenced by these fads and fancies? No, she has wandered from one to the other and at times seems to be but the echo of secular life. Shall we, in these our most important structures, build for the moment to satisfy a fad that will last probably half a dozen years?

Let us consider the architecture of our churches today: The ecclesiastical art we possess today in architecture, painting and sculpture we owe directly to the church. In the Middle Ages Christianity was the dominant power and the church the dictator—without her art could not have existed. The church reached the high water mark of its supremacy and domination in art in the sixteenth century. Following the decline of power of the church in art came the confusion of many styles, none clearly defined. This has been going on to a greater or less degree ever since. However, there is a wonderful and encouraging improvement in style lately and in some parts of the country we can frankly say that examples of our most recent works in ecclesiastical architecture rival those of the mediæval builders. This is by no means true of every work—only a small percentage. The faulty work today seems but a study of the profiles of mouldings, outlines of arches and details of decorations of the mediæval churches instead of the basic principles underlying the Gothic art.

The restoration of the Gothic in England, after taking root, was weak and lifeless. Forms were copied but principles ignored. Today the churches are consistent; they are based on the true conception of the church and Gothic principles. To be sure, they cannot compare in richness with the older works, but the true spirit is there. We can do no better than this.

As stated before, the church reached the height of its supremacy in the sixteenth century. Up to this time the church had been developing from one Gothic period to another and reached its height in the Perpendicular period. Strange as it may seem, the world to-

day does not possess a single example of ecclesiastical architecture built entirely in this period. The Canterbury cathedral is typical of the English cathedral and the various periods of the Gothic style that most of these structures possess. The east end of Canterbury was completed in the early or Lancet period; the nave and tower were completed in the Perpendicular period.

This period of the styles was the result of years of study and development and when it became ripe for use as a typical church style, it was crushed and utterly swept away. However, the period of the style was perfected and came into unusual use, and its beauty fell like a garment over the cruder Norman and early English cathedrals. It was logical in construction, thoroughly ecclesiastical in feeling and purely rational. There seems no limit to the possibilities of its growth. Here is one reason for the perpetuation of this beautiful style.

But let us consider another point: We must know one thing, and that is that an architectural style cannot be developed from nothing. It must be the result of years of development. Take, for instance, the Greeks: The inspiration for their early works was a motif of simple rounded stone columns and lintels. From this fundamental principle of all building construction they developed a style, adapting it to their needs and uses and in its climax producing the beautiful architecture which the world has perpetuated and adapted through the ages. We cannot, in our architecture, start from the point the Greeks did as we are in advance of this. We are living in an age of far more advanced constructive knowledge. We must pick up the architecture of the Greeks where they left it and apply it to our modern needs and requirements.

Let us consider the last point; the beauty of the Gothic. The Greeks built their temples to house their gods and goddesses. The mediaeval builders built their churches in which to worship one Deity and to hold communion. Compare the long horizontal lines of the Greek temple with the tall perpendicular lines of the Gothic. The Greek temple was a perfect type, and why? They are built beautifully, permanently and wholly for the protection of their idols. The mediaeval builders built their churches in which to worship God. Nearly every line pointed heavenward, towers, pinnacles, arches and all. Lastly, it was the architecture of a Christian church. Let us take up this great and unfinished style, vary it and add what is necessary to perfect it to meet our modern requirements, and complete something which shall be an honest means whereby we glorify God.

NEW TYPES OF BUILDINGS FOR OUR SCHOOLS.

School Architecture in California is a new and handsome booklet just issued. It is intended to help the school trustees of the State in building and improving their school houses.

It was compiled under the direction of State Superintendent Hyatt, by a committee of architects, viz: Lewis P. Hobart, Charles S. Kaiser, J. W. Woodlett, J. J. Donovan and C. H. Cheney. It

contains 64 pages, includes 77 cuts, and has a cover designed by the State Architect's office, showing a typical one-story California school house, with red roof and wide sheltering porches, against a brilliant sunset sky.

The object of the bulletin is to show in graphic form some excellent examples of the different types of school buildings that are being constructed today in California, so as to build up in the minds of the people a distinct ideal of what modern school houses ought to be. Its tendency is toward better conditions for the boys and girls and finer landscapes for the Golden State. — Richmond Record-Herald.

TOWN OF CONCRETE.

Houses Poured in Sections of One Story at a Time.

A small city of concrete houses is being poured at Midland, Pa., by the Pittsburgh Crucible Steel company for its employees. The houses, two stories in height, are of four rooms each and cost complete about \$1,100 each. This includes a charge of \$25 to cover the expense of the forms, which represent and expenditure of about \$3,000.

Clean looking, with white exterior, the houses are plain, but far from unattractive in appearance. Across the front of each home extends a railed concrete porch, from which three steps lead to the lawn. The front door opens directly into the living room 15 by 16½ feet, from which is taken the space which is required for a three foot stairway leading to the upper floor. Back of the living room is a kitchen 15 by 15½ feet. The dividing partition is of solid concrete and contains the chimney, which extends through the roof.

In pouring the house the steel forms for the first floor are set, and that part of the structure is cast as a monolith. When the mixture has set to sufficient strength the molds are removed and used in pouring the second story, which contains two rooms, corresponding in size to those on the lower floor.

The great sanitary advantage of the house lies in the fact that it may be washed like a paved street from roof to doors with a hose.—Exchange.

THE BROOKLYN BRIDGE.

NEW YORK, May 22.—(Bridge) one years ago today Brooklyn Bridge, for a long time the greatest structure that spanned any river, was opened for traffic. The only celebration was the flying of flags from the Manhattan and Brooklyn ends. In its thirty-one years the great suspension bridge had earned close to \$24,000,000 in tolls for the city, according to estimates based on the earnings of \$23,224,573.31 up to one year ago. The greatest source of revenue is from street cars. An average of about 4,000, at revenue of ten cents a car, pass over the bridge every day.—Exchange.

STATE PIPING INSPECTORS EARN GOOD SALARIES.

The California State Civil Service Commission announces an examination for Piping Inspector, to be held in Sacramento, San Francisco and Los Angeles on June 27, 1914, to provide register of eligibles from which to make certification to fill vacancies as they may occur in positions as Piping

Inspector in the service of the State. These positions pay from \$150 to \$200 per month, and call for inspection of contract work or supervision of day labor work in the various State institutions under the direction of the State Department of Engineering.

Applicants must have a thorough knowledge of all kinds of piping and be able to supervise the installation of piping layouts from working drawings.

The examination will include the following subjects: Arithmetic, Reading of Plans, Knowledge of Piping, Report Writing, Training and Experience, and Personality and Fitness.

Application blanks and further information may be secured from the State Civil Service Commission, State Capitol, Sacramento.

Applications must be properly executed and filed with the Commission on or before June 22, 1914.

UNITED STATES CIVIL SERVICE EXAMINATION.

SENIOR HIGHWAY ENGINEER, MALE

(\$2,220 to \$3,000).

HIGHWAY ENGINEER, MALE

(\$1,800 to \$2,100).

June 20, 1914.

The United States Civil Service Commission announces an open competitive examination for senior highway engineer and highway engineer, for men only. From the register of eligibles resulting from this examination certification will be made to fill a large number of vacancies in these positions in the Office of Public Roads, Department of Agriculture, and vacancies as they may occur in positions requiring similar qualifications, unless it is found to be in the interest of the service to fill any vacancy by reinstatement, transfer, or promotion.

The duties of these positions will involve superintending the construction of roads of various types throughout the United States. In addition the employees will be called upon to inspect roads and investigate road building materials, as well as administrative organization, methods of management, etc., in connection for the purpose of reporting upon systems by which the best administration, construction, and maintenance of the country system may be secured. The inspecting of roads locally and giving advice in regard to their improvement, and the giving of addresses at road meetings will also be included as part of the duties of these positions.

Eligibles resulting from this examination will be divided into two grades. The first grade will be designated senior highway engineer, with salaries ranging from \$2,220 to \$3,000 a year. The second grade will be designated highway engineer, with salaries ranging from \$1,800 to \$2,100 a year.

Competitors will not be assembled for examination, but will be rated on the following subjects, which will have the relative weights indicated:

Subjects.	Weights
1. Education, and experience in highway engineering	80
2. Experience in other engineering lines	10
3. Experience in delivering lectures and addressing meetings. .	10
Total	100

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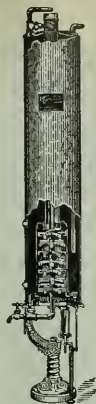
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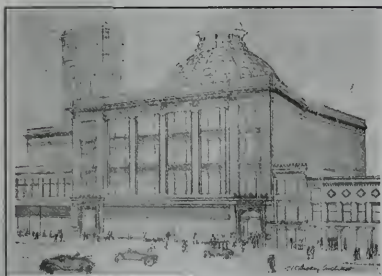
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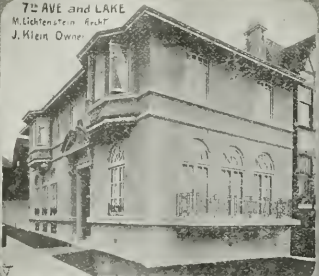
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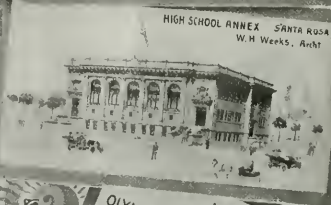
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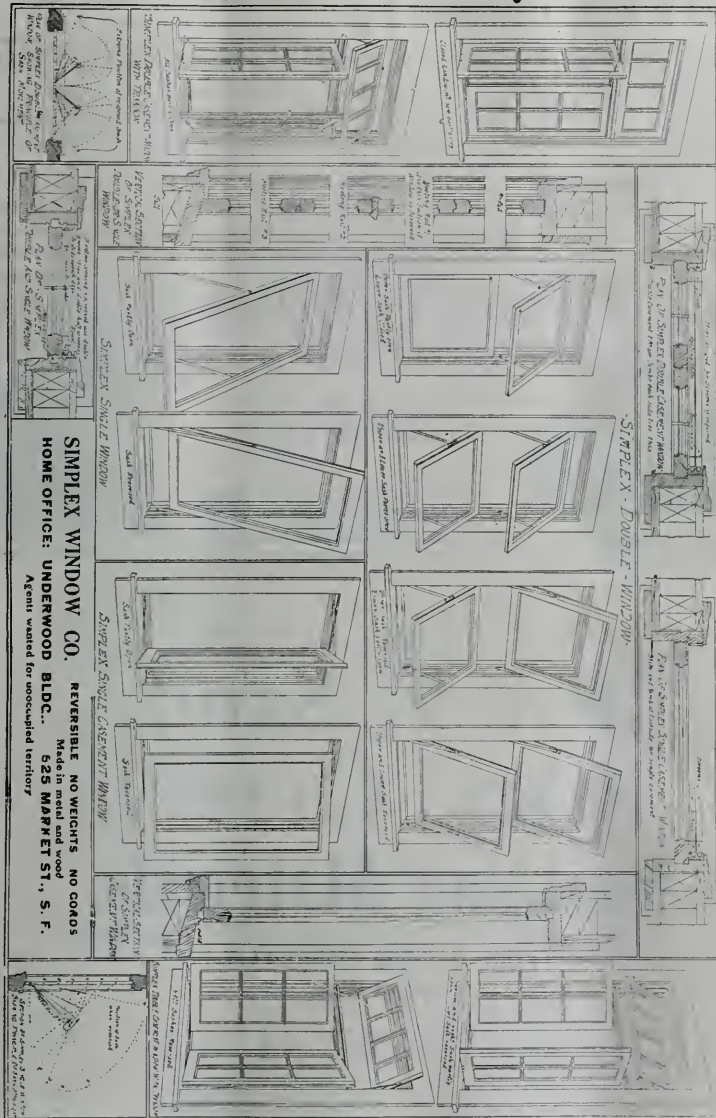
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Building and Industrial News

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of the Pacific Coast.

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OFFICIAL ORGAN

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ASSOCIATION OF CALIFORNIA.

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Editorial Comment.

Building construction in San Francisco for the month of May went along with about an equal pace with the preceding three months, the total of permits granted and contracts filed being \$3,564,959. Of this \$430,992 was for brick and concrete; \$661,263 for frame construction, and \$114,700 for alterations and additions. Also during the month the Panama-Pacific Exposition Company let \$428,314 worth of contracts; \$120,160 for streets and sewers, \$139,623 for State construction and \$84,742 for federal buildings; within the city limits. This total averages with the preceding months of the year, the total for the past five months being as follows:

January, 1914	\$1,928,563
February, 1914	2,331,866
March, 1914	3,507,763
April, 1914	2,795,350
May, 1914	2,564,959
For the month of May for the past ten years the record is as follows:	
May, 1905	\$1,511,625
May, 1906	621,054
May, 1907	4,381,431
May, 1908	3,070,230
May, 1909	3,029,609
May, 1910	2,789,204
May, 1911	2,326,562
May, 1912	3,153,910
May, 1913	2,816,935
May, 1914	2,564,959

It will thus be seen that the record is about the same as last year. For the years succeeding the fire the month of May fouted up pretty good totals. Until 1912 only a record of private construction was kept. Compared to other cities of the country is at least holding its own, so while business is quiet with us it is so every where and we have no cause to complain.

Mr. Lassen is reported to be in eruption. Considering facts of seismic history the past ten or fifteen years have been the most remarkable since history began. More violent earthquakes and eruptions have been chronicled than has ever occurred within an equal time before, but that may be because the means of reporting them are so much more effective.

The geological history of the high Sierra recount many lava flows and eruptions. The present canyon of the mountain streams have been cut through volcanic rock that many times filled their former courses. The mountains from the Tehachapi to Mt. Shasta are dotted with old craters and the mountain lakes are often craters or fissures from which issued the great lava streams that covered the country for thousands of square miles. The basalt cliffs north of Oroville are the lower

terminus of some of the old flows. The drift mines of the mountain counties are the old channels of the rivers before the lava flow obliterated the streams. And it is only natural that in this day we should have some echo of the old and dying activity that in former ages reared the mountain walls and left the snowy peaks that mark the highest points of the Sierra.

The Panama canal is shortly to be opened to the world's commerce. The opening has been hastened by the congestion of freight due to the closing of the Tehuantepec railway on account of the Mexican revolution. Ships of 5000 tons burden can now pass and in all probability the canal will soon be accommodating the necessities of commerce and relieve the congestion of freight at the Isthmus.

Teak Forests in Java cover 1,480,000 acres, and, as the area reafforested is two and a half times as large as the area felled in a given time, this magnificent stock of timber is continually increasing. A pest of the Java teak plantations is alang grass (*Imperata arundinacea*). In order to prevent the incursions of this plant, as hoeing is too expensive, the foresters sow a leguminous plant, *Leucaena glauca*, between the rows of teak seedlings. This chokes the alang, keeps the soil clean, and enriches the soil in humus and nitrogen, and ultimately disappears with the increase of the forest cover.

This is the month of wedding bells and the newspapers are filled with pictures of brides to be. Apropos of this time the following account of the plight of a native of Georgia may be of interest:

Atlanta, Ga., March 14.—State Game Warden Davis was rather startled a day or so ago when he received a hunting license from a north Georgia county, on the back of which the following was written:

"My dere ser:
"I don't want this sorter license. I thot I was a gettin' a Marriage license, sumbody sent me to mr. . . . and sed he wood gimme a license, mandy was so mad when I got back with this here huntin license she woodnt have me. she sed I didn't hav sent anuff to git a marriage license, so she ups and runs of with bill jonson and I am in a hel of a fixt. I wants my munny back, unless this hear license will let me shoote bill johnson.

"yours most truly, sam Jackson."

THERE'S NOTHING TO HOLD HIM BACK.

I hear the Jinglo loudly shout:

"Now, on to Mexico!"

"There are no strings on you," says I.

"So just shut up and go!"

—Tennyson J. Daft.

New Ideas For Municipal Charters--- The Recall.

By Wm. J. Locke.

It is now universally conceded that every modern municipal charter based on either the Commission or Business Manager Plan of Government should contain provisions for exercising the initiative, referendum and recall, so as to provide logical and necessary safeguards against possible abuse of the concentrated power which these systems involve. Direct legislation and the recall have undoubtedly come to stay. When the machinery for their operation has been repaired and properly regulated they will undoubtedly be recognized as most desirable auxiliaries to our system of popular government. How can we consistently praise of government by the people if we deny the right of direct legislation? It would appear most illogical to deny the people's right to do directly those things which they may authorize their representatives to do for them. Would it not be most unreasonable to endow the creature with power which we deny to its creator, or, in other words, to concede the servant more authority than possessed by the master? However, it has been difficult for us to harmonize our ancient ideas of municipal government in a democracy with systems which thus involve the concentration of great power in few hands; in fact, they would have found but little favor in the United States were it not for these provisional safeguards whereby the people reserve to themselves the right to legislate directly whenever they may deem it necessary, and also to dismiss an elected official when for any reason he becomes unsatisfactory. By providing such governmental machinery the danger from the abuse of power is almost eliminated.

Probably the one feature of this new idea in government which has been subjected to the most use and also to the most abuse is the "recall," and as a result it has come in for much criticism. A little investigation of some of the numerous cases in which the recall has been invoked shows that the criticism is justified, and that the method of procedure which has been universally adopted for its exercise is sadly in need of improvement.

In the first place the basis upon which a recall election is founded is unquestionably weak. It rests on a very poor foundation, to-wit: a petition. Those who know anything of the various methods resorted to for obtaining signatures to petitions will undoubtedly admit the truth of this statement. As a result, the average petition is not regarded as a very significant document. The fact that a name appears on a petition is not at all indicative of the real sentiments of the signer, for it is common knowledge that many signatures are obtained under misrepresentation, and others through coercion. Many persons will sign a petition merely to enable the solicitor to earn the few cents which is often paid for each name secured; others will do it to oblige a friend or accommodate a customer, while others again will sign merely to

get rid of a bore. In other words, it has developed that there are many people who may be induced to attach their signature to any kind of a petition, merely because they lack the moral courage to refuse. It is the natural disposition to be accommodating, besides it is the "easiest way," as it avoids explanation or argument. Therefore, I would repeat the statement that a petition is not a very significant document. As a matter of fact, it merely represents so much work on the part of the person or persons who solicited the signatures, nothing more.

Another defect in the present method of exercising the recall lies in the fact that it gives power to the minority which it denies the majority. For instance, a petition containing the signatures of from 15 to 25 per cent of the voters compels the council to call a special election, notwithstanding the fact that perhaps 50 per cent or more of the voters are absolutely opposed to it. This is not right. Those who want an official retained in office should have the same right of petition as those who desire his recall, and if an equal or greater number of voters wish to keep him in office and are opposed to submitting the question to a special election, their wishes should be given as much consideration as those of the others. In the United States, the business of government is conducted on the theory that the majority should rule; therefore, how can we consistently uphold a law that allows the minority to do something which the majority opposes? The signature of a citizen, like his vote, should have no more weight than that of another citizen.

Another serious defect lies in the fact that the present recall laws in California, except those of a few charter cities, impose a great and manifest injustice on the official sought to be recalled, for the reason that it is necessary for him to get a positive majority of all votes cast in order to retain his office, whereas a mere plurality will suffice to elect any of his opponents. The new charter of Los Angeles County contains this defect, and, commenting on the attempted recall of Supervisor Norton, the Los Angeles Express says:

It is one of the anomalies of the recall that the official against whom it is directed alone must receive a majority of the votes cast. In the present case, it is easily conceivable that Norton might receive twice the vote cast for any one of his opponents and yet be recalled and one of those opponents chosen in his stead.

Assume, for example, that 10,000 votes are cast in the approaching election. The issue to be decided is really divided into two parts: First, shall Norton be recalled? Second, if he shall be recalled, who of his five opponents shall be elected to his office? There might be cast 19,500 votes against the recall of Norton and 20,500 in favor of his recall with the result that he would automatically be ousted from his place. Those voting for his recall might so

divide their votes that the leader among the five candidates would receive but 5,500 votes, and yet be elected to his office in face of the fact that 19,500 votes were cast for Norton's retention.

It is essential that a positive majority of all the votes shall be cast for Norton. He alone must receive such a majority. A plurality will suffice to elect any of his opponents in the event that the recall should be sustained.

The Los Angeles Tribune, in referring to the matter has this to say:

"In this campaign he fights under a disadvantage, since on the question whether or not he shall be recalled, he must, in order to retain his office, poll a vote larger than that of all his opponents combined, for they naturally stand as a unit in favor of the recall."

The California Outlook for April 11, 1914, also contains an article showing this injustice which exists in the present laws relating to the recall.

These defects in the present method of exercising the recall may be easily remedied. The objections to the present method of petition may be overcome by using a different method for securing signatures. For example, instead of taking the petition around to the voters to get signatures, why not require the voters to go to the petition? Copies of the petition could be left in a number of public places throughout the city and the voters notified through the press or otherwise that they may go to any of the places designated, within a specified time, and attach their signature. No valid objections could be raised to such a plan. It certainly is not any more unreasonable than the present requirement in regard to elections, in which case the voter is obliged to go to the polls on election day instead of having the ballot box brought to him. Undoubtedly it would be a more difficult matter to secure signatures under such a plan, but surely that should not be a valid objection necessarily. Signatures obtained by such a method would certainly be more significant and more truly indicative of the real sentiments of the signer. For these reasons it would undoubtedly be much better to adopt such a method, even if it would be necessary to make a considerable reduction in the number of signatures required. Ten signatures obtained under such a plan would be worth fifty secured by the present method. To be sure the names of those who now sign under misrepresentation or coercion, or just to be obliging, would not be found on a petition under those conditions, but that would hardly be a calamity. There is an old saying that "quality is better than quantity." Unless the voters would be willing to go to a little trouble such as this would involve, it would be quite evident that they were not very anxious to have the official recalled. There is nothing involved in the method proposed that would make the recall prohibitive or even more difficult. If public sentiment was sufficiently strong to demand the recall of a certain officer, the re-

quired number of signatures would undoubtedly be secured.

It will interest our readers to know that this suggestion has been adopted into the charters of Long Beach and Vallejo in this State. It has also been adopted in the new charter of the City of Springfield, Ohio, which charter, by the way, is said by the committee of the National Municipal League to be the best municipal charter yet framed.

The second defect referred to in the method used at present for exercising the recall may be cured by permitting counter petitions, and requiring that the proponents of the recall shall not only secure the specified percentage of signatures to their petition, but that they shall also secure a greater number of signatures than those signing against the recall. In other words, the submission of counter petitions should be provided and as much weight and consideration should be given to one petition as another. If a majority of the voters petition for retaining the officer, that should end the matter without the necessity of resorting to a special election.

That a small minority of voters should be empowered to compel a city to undergo the turmoil and expense of a special election when the majority do not want it, is unwise, unjust and un-American. The signature of one citizen, as well as his vote, should have no more power than the signature of another citizen. When it comes to voting the majority rule, but in the case of a recall petition the minority rule; and not only do they rule, but the majority are not even considered, they have nothing whatever to say about it. No matter what the circumstances may be, a special election must be called if the minority insist upon it.

Not long ago a recall petition was filed against an official of the City of Dallas. A number of leading citizens who were confident that the recall would fail, attempted to dissuade the proponents from insisting upon a special election, but without avail. As a last resort they got out a counter petition to which they secured the signatures of over one-half the voters of the city pledging themselves to vote against the recall. This was extralegal, there being no provision of law for it. It was done simply to convince those proposing the recall that a special election would be futile. Fortunately they were successful in persuading the withdrawal of the petition. Now, then, here is an illustration of the effect of a counter petition. Is it not striking proof of the need of such a provision of law? I will add, in passing, that such a provision has been incorporated into the charter of Long Beach; also into the charter of Vallejo in regard to the initiative.

Another thing that should be borne in mind is the fact that a recall election makes it necessary for the officer attacked to devote several months of his time to a political campaign instead of giving attention to the public duties for which he was elected. The work of his department invariably comes to a standstill and the whole city gets embroiled in a bitter controversy. This fact alone should be sufficient evidence of the folly of permitting a small minority to call a special election in spite of the wishes of the majority.

Another advantage of the plan here suggested is this: It would remove to

a large extent one of the greatest objections to the method of exercising the recall, to-wit: the warring between candidates before the recall itself has been decided. It is the general consensus of opinion that the question of recalling an officer should be absolutely divorced from the question of considering other candidates for the office. It has been found that unless this is done other issues will be introduced and the merits of the recall proposition lost sight of; in fact, the issue develops into an ordinary political campaign.

There is no question but that the initiative, referendum and recall may be considered as permanent fixtures of our system of government. They should not be regarded, however, as weapons of attack to be used on the slightest provocation, but rather as protective measures to be resorted to only when all other means have failed. From Pacific Municipalities.

REQUIREMENTS FOR GOOD ILLUMINATION IN AN INDUSTRIAL PLANT.

From The Isolated Plant.

The requirements which must be met in the design of a satisfactory lighting installation for an industrial plant are four:

First—Sufficient light of proper quality on the work;

Second—A moderate intensity of light over adjacent area and on the walls;

Third—Absence of glare;

Fourth—A system which is simple, reliable, easy of maintenance and low in operating cost.

Light on the Work.

An obvious requirement for satisfactory illumination is that the quantity of light on the work be sufficient. Better lighting facilities, along with practically all other improvements in industrial plants are installed for the purpose of ultimately decreasing the unit cost of production to a minimum. From an economic standpoint, however, it is very difficult, if not impossible, to determine the proper intensity of light for a given class of work. This intensity depends upon the cost of producing light, the number and wages of the employees and the value of their output, as well as upon the nature and fineness of the work and the possible reduction in spoilage. Owing to the difficulties encountered in evaluating these quantities, estimates of the intensity of illumination required for any class of work have usually been based on other than purely economic considerations.

Unquestionably, the intensity of light in any part of a factory should never fall so low that accidents may be justly attributed to this cause. Considered only from the standpoint of safety to employees, 0.25 foot-candles may, in most instances, be taken as the lower limit of permissible intensity in an industrial plant.

Required Intensity.

The upper limit of useful intensity of artificial light may be conservatively estimated at from 50 to 100 foot-candles. Illumination of this order is sometimes required for operations involving fine detail, rapidly moving machinery and black surfaces, such, for example, as are common in the shoe industry. After the apparent bright-

ness of an object has reached a certain magnitude, a further increase of intensity does not appreciably aid vision. The necessary volume of incident light will, of course, depend upon the coefficient of reflection of the object illuminated, but even for fine work on very dark goods, intensities of the order of those stated above are considered satisfactory. Such intense illumination is usually required over but a limited area and, therefore, can best be supplied by the use of small lamps and reflectors placed close to the work.

While from 0.25 to 100 foot-candles may be considered as the extreme range of intensity for artificial lighting in factories, the great majority of installations will fall within much narrower limits, between approximately 1 and 6 foot-candle. Many tables have been published designating the proper intensity of illumination for various classes of work, but this necessary intensity depends so largely upon the nature and distribution of the lighting units and upon local conditions as well as on the work to be performed that such tables should be used only with the greatest caution. Furthermore, as stated above, such estimates are at best based merely on what is now considered good practice in plants where illumination tests have been conducted; there is no definite assurance that either a higher or lower intensity of light would not tend toward a more economical operation of the plant. As a matter of fact, the cost of adequate illumination for an industrial plant is so low in comparison with the value of the output dependent upon it that in many cases intensities considerably higher than those now supplied will be found profitable. Tables which give values of illumination recommended for various locations should be understood as merely an approximate guide; one of the most useful of these is given in the 1912 report of the Industrial Lighting Committee of the National Electric Light Association. No table of intensities is included in this bulletin, but the illustrations discussed on succeeding pages will indicate the order of intensity now considered satisfactory in the various industries considered.

A new vacuum cleaner, designed to be operated by water power in a sink or bath tub, consists of two suction pumps driven by a water wheel, and a chamber in which the dust is collected to be washed away by the waste water.

China imports wood pulp from Great Britain, Sweden, Norway, and Germany, many.

Fully one-third of the coal consumed in Berlin is in briquet form.

An English scientist has produced minute diamonds by exploding a powder made of cordite and carbon.

Several railroads are replacing brass passenger car fittings with bronze, as the latter metal is less affected by weather and coal gas and more easily kept clean.

A vast area of New Zealand which a volcano devastated a quarter of a century ago, is being re-forested with larch trees, convict labor doing the work.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These some items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$30,000. Architect, C. E. Gottschalk, Phelan Bldg., S. F. Owner's name withheld. The building will be erected on Lombard street near the Exposition Grounds, and has been designed to contain a number of two and three room suites with baths. Interiors will be finished in pine and redwood. There will be steam heat and a hot water supply. All suites will have wall beds. Bath rooms will be finished in tile and will have composition floors. Entrance will be finished in marble. Exterior of the building will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

SAN FRANCISCO—Apartment house, 4 story and base, brick and steel, \$25,000. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, M. S. Show. The building will be erected on the north side of Bush street west of Hyde, on a lot with a frontage of 34 feet 4 inches and a depth of 137 1/2 feet. There will be twenty-five apartments of two and three rooms. Interiors will be finished in pine with some elm panels and oak floors. Plans provide for steam heat, an automatic elevator, and hot water supply. All apartments will have private baths and wall beds. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be faced with red pressed brick. Plans are complete and in the hands of the owner who is now taking figures for the work.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$16,000. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, Mr. Kevell. The building will be erected at the corner of 26th and Capp streets, covering an area of 10 by 120 feet. There will be one store on the first floor and a total of 16 suites of 2, 3 and 1 rooms on the upper floors. Interior finish will be of pine and redwood. All suites will have wall beds and private bath rooms. There will be gas steam radiators and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are nearly complete and a contract will be awarded shortly.

SAN FRANCISCO—Apartment house, 1 story and base, reinforced concrete, \$25,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Green and Hallen. The building will be erected on O'Farrell street, and has been designed to contain 24 suites of three rooms each. Interior will be finished in pine and redwood with some elm panels and hardwood floors. There will be steam heat, elevator service and a hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. All apartments will be equipped with wall beds. Exterior of the building will be faced

with cement plaster. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 6 story and base, reinforced brick, \$68,000. Architect, G. Albert Lansburgh, 769 Mission street, S. F. Owners, Gaffney Estate. C. P. Moore Building Co. or Fred Hansen will be awarded a contract within the next few days for this work. All bids are now under advisement in the architect's office. Further mention will be made of the work.

OAKLAND, CAL.—Apartment house, 2 story and base, frame. Cost not stated. Architect, Erwin Schaefer Plaza Bldg., Oakland. Owner, Joseph Bajer. The building will be erected on West street between 36th and 37th streets, and will cover a considerable ground area. There will be a total of eight apartments of three rooms each. Interior will be finished in pine and elm. Some hardwood floors will be used. There will be a central heating system and a hot water supply. Portable vacuum cleaners will be installed. All suites will have private bath rooms and wall beds. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared and when complete work will be done by Day Labor.

SEATTLE, WASH.—Apartment house, 3 story and base, brick and steel, \$100,000. Architects, Weld & Thomas, Hoge Bldg., Seattle. Owner, Mr. Wheeler. The building will be erected at the northwest corner of 6th avenue and Spring street. There will be between 110 and 115 rooms which will be arranged in suites of two and three rooms with bath. Interior finish will be of pine with some hardwood veneer. Plans provide for steam heat, an automatic elevator and hot water supply. Vacuum cleaning system will also be installed. There will be wall beds in all apartments. Bath rooms will be finished in tile and will have composition floors. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for within ten days.

SAN FRANCISCO—Apartment houses, 2, 3 story and base, frame, \$12,000 each. Architect, Charles J. Rousseau, 45 Kearny street, S. F. Owners' names withheld. The two buildings will be erected for different owners on adjoining property on Franklin street between Clay and Washington streets. Each building will have a frontage of 30 feet and a depth of 85 feet. There will be six apartments in each consisting of four rooms. Interior will be finished in pine and hardwoods. All suites will have private bath rooms and wall beds. There will be steam heat, a hot water supply and vacuum cleaners. Exteriors will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be taken at once.

SAN FRANCISCO—Apartment house, 2 story and base, frame, \$15,000. Architect, none. Owner, I. R. Kissell, 1723 Polk street, S. F. The building will be

erected on the north side of California street, between Larkin and Polk streets, and has been designed to contain twelve suites of two and three rooms. There will be a central heating system and hot water supply. Portable vacuum cleaners will be installed. Entrance will be finished in marble. Interior finish will be of pine with some elm panels and hardwood floors. Each apartment will have a private bath and wall beds. Bath rooms will be finished in tile with composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by day labor.

SAN BERNARDINO, SAN BERNARDINO CO., CAL.—Apartment house alterations. Cost not stated. Architect, Anthony Blinner, 433 3rd street, San Bernardino. Owner, Mrs. Bertha Rolfe. The work will consist of extensive alterations to a two-story frame building located at 370 D street. There will be new interior finish, partitions, plumbing and electric work. Exterior of the building will be covered with rustic. Plans are complete and figures are being taken. Bids will close on June 15th.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick and steel, \$36,000. Architects, Noonan & Murphy Co., Douglass Bldg., L. A. Owner, Mrs. Jessie E. Ellis. Contractors, Noonan & Murphy Co., Douglass Bldg., L. A. Contract price, \$36,000.

SAN FRANCISCO—Apartment house, 4 story and base. Class C construction, \$98,000. Architect, J. R. Miller, Lick Bldg., S. F. Owners, Santa Christina Investment Co. Contractor, C. A. Brady, 180 Jessie street, S. F. general construction only. Contract price, \$98,000. Note: Subfigures are now being taken on all parts of the work except the brick work.

BANKS.

Contracts Awarded.

PASADENA, LOS ANGELES CO., CAL.—Bank and offices, 6 story and base, reinforced concrete, \$80,000. Architects, Parkinson & Bergstrom, Security Bank Bldg., L. A. Owners, Citizens' National Bank of Pasadena. Contractors, F. O. Engstrom Co., 5th and Seaton streets, L. A. Contract price, \$80,000.

BONDS.

TULARE, TULARE CO., CAL.—The Tulare Power Company will soon issue \$1,000,000 of 6 per cent bonds for the purpose of raising money to extend the power lines of the company. It is planned to build and equip a modern hydro-electric generating plant on the Tulare River.

PETALUMA, SONOMA CO., CAL.—Voting for a new high school building and site. The \$10,000 bonds carried three to one. The Carpenter Tract was favored as the site.

MONTEREY, MONTEREY CO., CAL.—This city will, at the next municipal election, vote on the proposition of bonding itself for \$100,000 to build a municipal wharf located between the Del Monte Bath House and the Southern Pacific Depot.

SANTA ROSA, SONOMA CO., CAL.—The proposed \$65,000 bond issue for a reinforced concrete school and to secure additional grounds for the Lincoln School was defeated by a majority of 75.

DIXON, SOLANO CO., CAL.—By a majority of 159 votes, bonds for a \$60,000 school building carried. In favor 285, against 126.

OAKLAND, ALAMEDA CO., CAL.—A proposed bond issue of \$1,500,000 will be submitted to the voters this fall for the purpose of raising funds to complete and furnish with modern equipment the schools of this city.

OAKLAND, ALAMEDA CO., CAL.—The proposition of voting bonds in the sum of \$500,000 for the construction, completion, equipping and furnishing of the Municipal Auditorium will be voted in this city on June 12th.

SACRAMENTO, CAL.—The sale of \$18,000 worth of city water extension bonds was made by the city to Wright & Kimbrough.

SANTA CRUZ, SANTA CRUZ CO., CAL.—A meeting of the city commissioners and a water committee appointed by the mayor have decided on calling a special water bond election for \$150,000, the money to be used in laying a new and short supply pipeline from Laguna creek and the construction of necessary storage reservoirs.

MAYFIELD SCHOOL DISTRICT, CAL.—Bonds will be voted June 19th in the sum of \$20,000 for the purchase of a school site, for building a school building and supplying same with the necessary equipment.

MODESTO, STANISLAUS CO., CAL.—For the second time bonds are to be issued by the Modesto Irrigation District in the sum of \$610,000 for the development of the irrigation district.

AUBURN SCHOOL DISTRICT, PLACER CO., CAL.—Bonds in the sum of \$47,000 will be voted in this city June 16th for the purpose of raising funds for the erection of a high school building and for furnishing same with the necessary apparatus.

BAKERSFIELD SCHOOL DISTRICT, KERN CO., CAL.—Bonds of \$40,000 for purchasing school building sites and making school improvements were voted in this city and carried by a vote of 268 to 5.

BENICIA SCHOOL DISTRICT, SOLANO CO., CAL.—Sealed bids for the sale of bonds amounting to \$18,000 will be received by the Board of Supervisors on July 6th.

MONTAGUE, SISKIYOU CO., CAL.—The \$15,000 school bond election held there was defeated. There were 25 votes for the issue and 47 against.

DINUBA, TULARE CO., CAL.—The initiative petition to call an election on the proposed \$1,000,000 bond issue for good roads was rejected here on June 4th, there being less than 600 of the 715 signers registered voters. Preparations for a new petition have been made, and it is believed that the Board of Supervisors will again consider the matter.

Reports of the special school bond elections held in Benicia and Tolenas school districts and Rio Vista high school district showed that bonds in the following amounts carried: Rio Vista High School, \$60,000; Benicia, \$18,000; Tolenas, \$1,800.

BRIDGES AND DAMS.

VISALIA, TULARE CO., CAL.—Bridge, steel and concrete, \$27,000. Engineer, County Surveyor Byron Lovelace, Visalia. Owners, Tulare County. County Surveyor Byron Lovelace is preparing plans and specifications for a new steel bridge to be erected over Kings River near Dinuba. The cost of the structure is estimated at \$27,000. Bids will be called for shortly.

SAN JOSE AND HOLLISTER, SANTA CLARA AND SAN BENITO COS., CAL.—Bridges, timber and reinforced concrete. Cost not stated. Engineers, County Surveyors of Santa Clara and San Benito Counties. The counties of San Benito and Santa Clara have arrived at an understanding in the joint county bridge matter, and plans have been ordered prepared by the two County Surveyors for the Sargents bridge over the Pajaro River, which will cost \$18,000, and for a bridge over the San Felipe River near the Dunne ranch. Bids will be called for shortly.

YUBA CITY, BUTTE CO., CAL.—Bridge, steel and reinforced concrete, \$60,000. Engineer, E. L. Cope, Yuba City. Owners, Butte County. The Butte County Board of Supervisors accepted the plans and specifications for the Butte Slough bridge at Yuba City as prepared by E. L. Cope. Bids will be received on June 28th. The bridge will be of the reinforced concrete type, 1320 feet long, and has been estimated to cost \$60,000. Full particulars can be secured from the County Clerk of Butte County.

BRIDGE—Reinforced concrete, \$2,000 San Jose, Santa Clara Co., Cal. Engineer, County Surveyor J. C. McMillan, San Jose. Owners, Santa Clara County. Contractor, John Doyle, San Jose. Contract price, \$1,881. A complete list of these figures will be found under the heading of San Jose and the Santa Clara Valley in this issue.

SAN JOSE, SANTA CLARA CO., CAL.—Bridge, reinforced concrete, \$2,000. Engineer, County Surveyor J. G. McMillan, San Jose. Owners, Santa Clara County. Contractor, John Doyle, San Jose. Contract price, \$1,881. A complete list of these figures will be found under the heading of San Jose and the Santa Clara Valley in this issue.

Contracts Awarded.

FLAVEL, ORE.—Docks, timber pile construction, \$150,000. Engineer's name not given. Owner, S. P. and S. Co. Contractors, Guthrie-McDougal Co., Lewis Bldg., Portland. Contract price, \$150,000.

COQUITLAM, B. C.—Bridge, steel and concrete, \$500,000. Engineer's name not given. Owners, Province of British Columbia. Contractors, Armstrong, Morrison & Co., Vancouver, B. C. Contract price, \$500,000.

MADERA COUNTY CAL.—Bridges. Steel and timber. Cost not stated. Engineer, County Surveyor F. E. Smith. Madera. Owners, Madera County. Contractors, Williston & Son, Tobin steel bridge at Raymond. Contract price, \$6,142. Edward Layne, Madera, timber bridge at Gertrude. Contract price, \$1,484. A complete list of the figures submitted will be found under the heading of Fresno, Stanislaus and Central California in this issue.

SOLEDA, MONTEREY CO., CAL.—Bridge, steel and reinforced concrete, \$60,508. Engineer, County Surveyor. Salinas. Owners, Monterey County. Contractors, W. N. Concannon Co., Mo-

nadnock Bldg., S. F. Contract price, \$60,508.

CHURCHES.

BERKELEY, ALAMEDA CO., CAL.—Church, 1 story and base, frame. Cost not stated. Architect, Eugene K. Martin, 2192 Shattuck Avenue, Berkeley. Owners, First Baptist Church of Berkeley. The building will be erected at the corner of Dana and Haste streets and will cover a considerable ground area. There will be the main auditorium, Sunday school rooms and a pastor's study. Interior finish will be of pine and redwood with some ornamental plaster in the main auditorium. Plans provide for a central heating system. Art glass will be used. Exterior of the building will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for within a few days.

SAN FRANCISCO—Church, 1 story and base, brick and steel, \$80,000. Architect, Edgar A. Mathews, Phelan Bldg., S. F. Owners, Christian Scientist Church. The building will be erected on Haight street near the Park, and will contain a large main auditorium, smaller meeting rooms, reading rooms and study rooms. Interior finish will be of pine and ornamental plaster. There will be steam heat. Exterior of the building will be faced with pressed brick. Plans are now nearly ready for figures.

Contracts Awarded.

RICHMOND, CONTRA COSTA CO., CAL.—Church, 1 story and base, frame, \$10,000. Architect, John J. Foley, 46 Kearny street, S. F. Owners, Roman Catholic Church. Contractor, James McLaughlin, 244 Kearny street, S. F. Contract price not stated.

CHURCH—1 story and base, frame, \$10,000. Richmond, Contra Costa Co., Cal. Architect, John J. Foley, 46 Kearny street, S. F. Owners, Roman Catholic Church. Contractor, James McLaughlin, 244 Kearny street, S. F. Contract price not stated.

COURT HOUSES.

SAN FRANCISCO—City Hall, 4 story, dome and base.—Class A construction, \$4,500,000. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Plans and specifications have been completed for the interior stone work for the new City Hall. Bids will be opened by the Board of Public Works on June 24th. Plans and specifications can be secured from the City Department of Architecture, Temporary City Hall. An official proposal appears in another column of this issue.

FACTORIES & WAREHOUSES.

Contracts Awarded.

ICE AND COLD STORAGE PLANT—5 story and base, reinforced concrete, \$450,000. Seattle, Wash. Engineer, Port of Seattle Commission, Seattle. Owners, City of Seattle. Contractors, Pearson Construction Co., New York Bldg., Seattle. Contract price, \$450,000.

SEATTLE, WASH.—Ice and cold storage plant, 5 story and base, reinforced concrete, \$450,000. Engineer, Port of Seattle Commission, Seattle. Owners, City of Seattle. Contractors, Pearson Construction Co., New York Bldg., Seattle. Contract price, \$450,000.

FIRE HOUSES AND JAILS.

SAN FRANCISCO—Jail and emergency hospital completion. Class A construction. Cost not stated. Architects, City Department of Architecture. Temporary City Hall, S. F. owners. City and County of San Francisco. Plans have been completed for additional jail work and for the completion of the emergency hospital in the new Hall of Justice and City Jail building on Washington street. All construction will be of the class A type. Bids are now being called for by the Board of Public Works and will be opened on June 11th. An official proposal appears in another column at this issue.

RED BLUFF, TEHAMA CO., CAL.—Jail construction, 2 story and base, reinforced concrete. Cost not stated. Architect, R. A. Herold, Sacramento. Owners, Tehama County. The following bids were opened by the Board of Supervisors for the construction of the new County Jail:

Jail Building.

W. M. Concanon Co.	\$26,977
Mathews Const. Co.	28,700
Keating & Holt	27,150
Teichert & Ambrose	26,690

Steel Cells and Jail Bars.

Ralston Iron Works	\$26,212
Hawley Jail Co.	22,022
W. G. West Co.	24,963

Bids were taken under advisement until Friday, June 11th.

STOCKTON, SAN JOAQUIN CO., CAL.—Fire house, 2 story and base, concrete and frame. Cost not stated. Architect, City Engineer Compton, Stockton. Owners, City of Stockton. The building will be erected on property recently purchased on California street between Jefferson and Jackson streets. Plans provide for room for engine and apparatus equipment on the first floor and living quarters for the men on the second floor. Interior will be finished in pine and redwood. There will be steam heat and a hot water system. Bath rooms will be equipped with showers. Exterior of the building will be faced with cement plaster. Special electrical work will be specified. Plans are now being prepared.

FLATS.

SAN FRANCISCO—Flats addition, 2 story and base, frame, \$2,500. Architect, none. Owner, Thomas Ekroos, 915 Hampshire street, S. F. The work will consist of a two-story addition to the present one-story building at the southeast corner of Hampshire and 21st streets. New portion of the building will contain two modern five-room flats. Interiors will be finished in pine and redwood with hardwood floors in the living rooms. There will be open fire places and tile mantels. Automatic water heaters will be installed. Exterior of the building will be covered with cement plaster on metal lath and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, none. Owner, H. C. Keenan, 300 Webster street, S. F. The building will be erected on the west side of 18th avenue north of California street, covering an area of 27 by 53 feet. There will be two modern flats of five and six rooms.

Interior finish will be of pine with some elm panels and hardwood floors. Plans provide for a large open fire place in each of the living rooms. Mantels will be of tile. Automatic water heaters will be installed. Bath and kitchens will have tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Flats, 3 story and base, frame, \$12,000. Architect, none. Owner, John Dempiak, 1553 Washington street, S. F. The building will be erected near the corner of 10th and Grove streets, and has been designed to contain eight flats of four and five rooms. Interiors will be finished in pine, redwood and elm. Some hardwood floors will be used. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

GOVERNMENT WORK AND SUPPLIES.

Blighting American Builders.

[From Army and Navy Register, May 23.]

It has been surmised in comment on these pages that it would not be long before the administration would come to a realization that there is nothing to be gained, in a political way, and still less in an industrial way, by awarding contracts for military-naval material to foreign manufacturers. The Secretary of the Navy has sought to impress Congress and the people by means of statements made before the naval committees and in bulletins issued to the newspapers that he is accomplishing real marvels in the direction of saving in the public funds by placing naval contracts with European bidders or in using the figures of the foreigners to beat down the American manufacturers to lower proposals than would be possible without the employment of such a cudgel. There is no doubt that there has been in the Navy Department a substantial saving in the appropriations for the naval establishment by the acceptance of foreign bids or by bringing the American bidders to the foreign price. It did not take long, however, as has been predicted in these columns, for the administration to discover that the placing of orders abroad was a diversion of American money into foreign treasuries and a deprivation of American workmen of an opportunity for employment, since this policy resulted directly in the discharge of employees at plants which would otherwise have been enabled to retain them on profitable work. The same results, detrimental to private concerns, were attributable to placing orders for ship construction at navy yards and increasing the amount of work done at the manufacturing arsenals, powder factories, and other governmental plants.

It has now been left to the Secretary of War to change this policy and to check, if not abandon, the practice

which threatened to injure American industrial conditions. Mr. Garrison has been wise enough to foresee the damage which was being done the administration by a reckless design to make a record in government work by contract. But the conditions attending the particular incident indicating a change in policy are such as to justly subject the administration to criticism from abroad.

Bids were recently invited for four tugs for the Panama Canal and special efforts were made to induce European shipbuilders to enter the competition. The invitation for proposals was circulated widely at home and abroad and our consular representatives in foreign parts were instructed to give publicity regarding the prospective contract among foreigners who were possible bidders. The lowest bid came from a Dutch concern, as might have been expected, and under the usual circumstances it would have been promptly accepted, but Mr. Garrison recommended, and the President approved the recommendation that the order for the tugs be placed at home, with the result that the contract has been made for two tugs instead of four, although the government will be obliged to pay \$50,000 more to the American shipbuilder than it would have paid for the two tugs had the Dutch proposal been accepted. The defect in the transaction is confined to the fact that this government made such a determined effort to interest foreign shipbuilders in the contract and then found it necessary to reject the lower foreign bid and accept the higher American bid for less than the number of tugs desired. The comparative prices in favor of the European firm were to be expected; they were a certainty, indeed, judging from the experience of the Navy Department, and in rejecting the foreign bids it is only natural that the foreigners shall entertain a grievance, having gone to the expense of preparing estimates upon what appeared to be our assurance of the consideration of the proposals on a basis of relative price.

At the same time, there is nothing to be said otherwise against the action of Secretary Garrison and the President. It is time that there should be an appreciation of the harm that has been wrought by a tariff law that makes it possible for foreign manufacturers and shipbuilders to come into competition with American firms which pay higher wages to American workmen than are paid abroad and which can only hope to meet successfully the foreign rivals by a reduction in the cost of labor. Mr. Garrison has been sagacious in his recommendation in this matter, and his adoption of a policy that refuses to make use of foreign bidders to beat down American prices is an example which should not be lost on the Navy Department.

Vandalia South Canal.

Department of the Interior, U. S. Reclamation Service, Milk River project, Montana, Vandalia South Canal, second unit, earthwork and structures—proposals received at Malta, Mont., specifications No. 263:

- Ed L. Tebbis, Taggart, Jurgens & Knipe, Glasgow, Mont.
- James O'Connor, 231 Park avenue, Council Bluffs, Iowa.
- Dooling Bros., Tampico, Mont.
- Temple & Siroky, Malta, Mont.
- C. F. O'Neill, Yankton, S. Dak.

6. A. L. Markhus, Polson, Mont.
7. Threet Bros. & Jolley, Lovell, Wyo.
8. Security Bridge Co., Box 1004,
Minneapolis, Minn.

Schedule 1.

Item 1, 135,000 cu yds excavation, class 1—Bid 1, 14c; 2, 14.3c; 3, 14.4c; 4, 14.9c; 5, 15.9c; 6, 30c.
2, 50 cu yds excavation, class 2—Bid 1, 14c; 2, 60c; 4, 35c; 5, 45c; 6, 30c.
3, 10 cu yds excavation, class 3—Bid 1, 14c; 2, 11.30c; 4, 60c; 5, 41.25c; 6, 50c.
4, 25,000 sta. yds overhaul—Bid 1, 2c; 2, 3c; 3c; 4, 2c; 5, 6c, 2c.
Total schedule 1—Bid 1, \$19,408.40; 2, \$19,843; 3, \$19,940; 4, \$20,638.50; 5, \$22,000; 6, \$22,120.

Schedule 2.

5, 10,000 yds excavation, class 1—Bid 6, 55c; 7, 50c; 8, 50c.
6, 200 cu yds excavation, class 2—Bid 6, 50c; 7, 50c; 8, 70c.
7, 10 cu yds excavation, class 3—Bid 6, 11.25c; 7, \$1.50; 8, \$1.
8, 1,000 sta. yds overhaul—Bid 6, 2c; 7, 2c; 8, 2c.
9, 1,000 cu yds puddling—Bid 6, 60c; 7, 50c; 8, 50c.
10, 300 cu yds concrete—Bid 6, 11.25c; 7, \$1.50; 8, \$1.30.

11, Placing 18,000 lbs reinforcing steel—Bid 6, 2c; 7, 1.5c; 8, 1.5c.
12, 100 sq yds grouted paving—Bid 6, \$1.90; 7, \$3; 8, \$1.50.
13, 20 cu yds screened gravel—Bid 6, \$3.40; 7, \$4; 8, \$2.

14, Laying 40 lin ft 12-in corrugated iron pipe—Bid 6, 25c; 7, 20c; 8, 25c.

15, Laying 100 lin ft 24-in do—Bid 6, 40c; 7, 40c; 8, 38c.

16, Laying 300 lin ft 36-in do—Bid 6, 65c; 7, 90c; 8, 50c.

17, Laying 90 lin ft 12-in vitrified pipe—Bid 6, 30c; 7, 20c; 8, 35c.

18, Laying 200 lin ft 18-in do—Bid 6, 45c; 7, 30c; 8, 15c.

19, Laying 150 lin ft 24-in do—Bid 6, 60c; 7, 70c; 8, 50c.

20, Laying 70 lin ft 30-in do—Bid 6, 80c; 7, \$1; 8, 60c.

21, Laying 25 lin ft 36-in do—Bid 6, \$1.25; 7, \$1.25; 8, \$75c.

22, Erecting 600 lbs structural steel—Bid 6, \$3.5c; 7, 2c; 8, 3c.

23, Erecting 320 lin ft metal flumes, diams 3 ft 2 in and 3 ft 10 in—Bid 6, 50c; 40c; 8, 40c.

24, \$5,000 ft. B. M. lumber for bridges, etc—Bid 6, \$15; 7, \$20; 8, \$28.50.

25, 50,000 ft. B. M. lumber for turnouts, etc—Bid 6, \$19; 7, \$25.5; 8, \$21.

26, Driving 120 lin ft piles—Bid 6, \$1.80; 7, \$1; 8, 40c.

Total schedule 2—Bid 6, \$13,674.75; 7, \$13,850.75; 8, \$14,144.25.

Electrical Apparatus.

The following bids were opened under specification No. 291-F at the office of the Reclamation Service, Los Angeles, Cal., for furnishing electrical apparatus for the Okanagan project, Wash.:

Item 1, two 187 K. V. A. generators; 2, three 125 K. V. A. transformers; 3, two 200-H. P. induction motors; 4, two generator switchboard panels; 5, switchboard for pumping plant; 6, three electrolytic lightning arresters; 7, wire and insulators, A. No. 4, 16,500 V. per ft; B. No. 6, 5,000 volt per ft; C. No. 4, 2,000 volt per ft; D. 6,600 V wall bushings each.

Allis-Chalmers Co., Milwaukee, Wis., item 1, \$3,190, weight 12,750 lbs; 2, \$1,960, weight 2,800 lbs; 6, \$620, weight 4,350 lbs; 4, \$1,200, weight, 1,650 lbs; 5, \$960, weight 2,800 lbs; 6, \$620, weight 1,200 lbs. Delivery, item 1, 45 days; 2,

70 days; 3 and 6, 75 days; 4 and 5, 85 days; lump bid for items 1 to 6 inclusive, \$9,157. Delivery items 1, 4, 5, and 6 at Milwaukee; 2 and 3 at East Norwood, Ohio.

Crocker-Wheeler Co., Ampere, N. J., item 1, \$4,150, weight 11,000 lbs; 2, \$2,124, weight 5,500 lbs; 3, \$2,100, weight 5,500 lbs. Time, item 1, 105 days; 2, 67 days; 3, 100 days; delivery at Ampere.

General Electric Co., Schenectady, N. Y., item 1, \$4,632, weight 12,500 lbs; 2, \$1,575, weight 4,300 lbs; 3, \$1,759, weight 4,000 lbs; 4, \$982, weight 2,200 lbs; 5, \$1,115, weight 2,800 lbs; 6, \$478, weight 1,100 lbs; 7, A, 10.5c; B, 13c; C, 5c; D, \$5.50; time, item 1, 80 days; 2 and 6, 555 days; 3, 75 days; 4 and 5, 40 days; 7, 60 days; lump bid for items 1 to 6 inclusive, \$9,989; combination for items 1, 3, 4, 5, and 6, \$8,459. Deliver items 1, 3, 4, 5, and 7. Schenectady; 2 and 6, Pittsfield, Mass.

Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa., item 1, \$4,800, weight 16,000 lbs; 2, \$1,500, weight 4,900 lbs; 3, \$2,205, weight 7,000 lbs; 4, \$1,000, weight 3,200 lbs; 5, \$1,800, weight 6,100 lbs; 6, \$640, weight 1,550 lbs; 7, A, 14.2c; B, 40.8c; C, 11.1c; D, \$9.05. Time, item 1, 100 days; 2, 80 days; 3, 4, 6, and 7, 75 days; 5, 85 days; lump bid items 1, 2, 3, 4, and 6, \$9,400. Delivery at East Pittsburgh.

Pittsburgh Transformer Co., Pittsburgh, Pa., item 2, \$1,250, weight 3,300 lbs; time, 60 days; delivery Pittsburgh, Pa.

Wagner Electric Mfg. Co., St. Louis, Mo., item 2, \$1,374, weight 5,170 lbs; 3, \$2,170, weight 8,100 lbs. Time, item 2, 70 days; 3, 90 days.

Nixon, Kimmel Co., Spokane, Wash., item 2, \$1,386, weight 4,000 lbs; time 35 days; delivery St. Louis.

San Francisco, Cal., Interior Decorations.

The following bids were received by the custodian recently for interior decoration and painting at the U. S. custom house, San Francisco, Cal.:

A. Lincoln Cooper, 627 Madison avenue, New York City, \$10,000; 11 weeks.
Isidor R. Kissel, 1723 Polk street, San Francisco, Cal., \$10,000; 3 weeks.

La Grange, Ore., Screens.

The following bid was received by the supervising architect, Treasury Department, Washington, D. C., for furnishing door and window screens for the U. S. post office at La Grange, Ore.:
Willier Mfg. Co., Milwaukee, Wis., \$728.

Puget Sound, Dredging.

The contract for dredging at the U. S. navy yard, Puget Sound, has been awarded to the Erickson Construction Co., Seattle, Wash., at 65c per cu ft; total \$40,000.

Mare Island, Heating Plant.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for heating plant at the naval hospital, Mare Island navy yard:

Item 1, heating plant installation complete; 2, installing boilers, etc., but no piping connections; 3, oil-burning equipment, complete.

Babcock & Wilcox Co., Philadelphia, Pa., item 1, \$12,651; 2, \$8,301; 3, \$4,404.

Robert Palmer, Jr., San Francisco, Cal., item 1, \$11,387.

J. C. Johnson Co., San Francisco, Cal.,

item 1, \$8,730; 2, \$10,750; 3, \$746.

J. E. O'Meara, San Francisco, Cal.,

item 1, \$9,900; 2, \$7,400; 3, \$6,750.

Reclamation Service, Hydraulic Apparatus.

Abstract of bids for hydraulic apparatus, advertisement No. 294-F, Okanagan reclamation project, Washington, opened at Los Angeles, Cal.:

Item 1, 1 250-horsepower turbine; 2, 1 300-horsepower turbine; 3, 2 governors; 4, 1 gate valve; 5, services of erecting engineer, per day; 6, items 1, 2, 3, and 4.

Pelton Water Wheel Co., San Francisco, Cal., (delivery San Francisco), item 1, \$2,357, 70 days, weight 14,000 lbs; 2, \$3,668, 90 days, weight 24,000 lbs; 3, \$1,200, 40 days, weight 1,650 lbs; 4, \$204, 30 days, weight 1,200 lbs; 5, \$12.80; 6, \$6,241.

S. Morgan Smith Co., York, Pa., (delivery York, Pa.), item 1, \$3,600, 90 days, weight 20,000 lbs; 2, \$4,185, 90 days, weight 30,500 lbs; 3, \$1,090, 90 days, weight 4,500 lbs; 4, \$235, 90 days, weight 2,300 lbs; 5, \$15; 6, \$8,500.

Orland Irrigation Project.

The Secretary of the Interior has authorized the reclamation service to execute contract with Moses Fisher of San Francisco for erecting the diversion dam and other structures of the East Park feed canal, Orland irrigation project, California. The work involves the excavation of about 6,000 cubic yards of material, 4,000 cubic yards of concrete work, the placing of 49,300 pounds of reinforcing steel and 30,500 feet, board measure, of lumber, and erecting 14,150 pounds of metal work. The contract price is \$46,388.20. The feed canal is twenty miles long, and its purpose is to divert water from the head of Stony Creek into East Park reservoir. This will increase the volume of storage water in the reservoir and permit the extension of the project to cover a total of 20,000 acres. The Orland project is one of the most successful of the government works, and the present irrigated farms are among the most highly cultivated in that portion of California. The government work here already has transformed a region formerly cropped only in wheat into an intensively cultivated agricultural district.

HALLS & SOCIETY BLDGS—

PORTLAND, ORE.—Lodge hall, 4 story and base, brick and steel, \$50,000. Architects, Jacobberger & Smith, Board of Trade Bldg., Portland. Owners, Knights of Columbus Hall Association. The building will be erected at the corner of Park and Taylor streets, covering an area of 50 by 100 feet. The building will contain a large gymnasium, billiard hall, hall rooms, library, auditorium, music room, bowling alley and offices for the executive staff. Interior will be finished in pine and hardwoods. There will be steam heat, elevator service and vacuum cleaning system. Gymnasium will contain a large swimming pool. Exterior of the building will be faced with pressed brick and cut stone. Plans are now being prepared.

OAKLAND, CAL.—City Hall lighting fixtures. Cost not stated. Architects, Palmer, Hornbostel & Jones, City Hall, Oakland. Owners, City of Oakland. Only two sets of figures were received for furnishing and installing the light-

ing fixtures in the new City Hall. The Roberts Mfg. Co. of San Francisco bid \$6,350 and the Maxwell Hardware Co. of Oakland bid \$6,995. Bids were referred to the Commission of Public Works.

HOSPITALS

SAN FRANCISCO—Hospital ice plant. Cost not stated. Engineer, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Plans and specifications have been completed by the Constructing Quartermaster's Office at Fort Mason for furnishing and installing a five-ton ice making plant at the Letterman General Hospital at the Presidio. Bids for this work will be opened on June 16th at 11 a. m. Plans and specifications can be secured from the office of the Constructing Quartermaster. An official proposal appears in another column of this issue.

NAPA, NAPA CO., CAL.—Hospital dairy buildings, \$16,985. Architect, State Architect George B. McDougall. Sacramento. Owners, State of California. Bids opened on June 3rd by the State Board of Control show H. A. Klyce of San Francisco low at \$16,985. He will probably be awarded the contract. A complete list of these bids will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

STOCKTON, SAN JOAQUIN CO., CAL.—Hospital dairy building, reinforced concrete, \$14,590. Architect, State Architect George B. McDougall. Sacramento. Owners, State of California. H. A. Klyce of San Francisco presented the lowest bid for constructing new dairy buildings at the Stockton State Hospital and will probably be awarded the contract. A complete list of the figures received by the State Board of Control will be found under the heading of Sacramento, Stockton and Northern California in this issue.

TALMAGE, MENDOCINO CO., CAL. Gas holder and tank. Cost not stated. Architect, State Architect George B. McDougall. Sacramento. Owners, State of California. Bids received on June 1st by the State Board of Control for this work show the Western Pipe and Steel Co. of San Francisco low at \$5,285. They will probably be awarded the contract. A complete list of the figures will be found under the heading of Sacramento, Stockton and Northern California in this issue.

HOTELS.

SAN FRANCISCO—Hotel, 5 story and base, brick and steel, \$100,000. Architects, Reid Bros., California-Pacific Bldg., S. F. Owners, Treadwell Realty Co. The building will be erected at the northwest corner of Fillmore and Eddy streets, covering a large ground area. The first floor will be arranged for stores as well as the hotel lobby and entrance. Upper floors will contain a large number of hotel rooms, a large percentage of which will have private baths. Interior finish will be of pine and hardwood veneer. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble. Metal window sash and frames and patent stone fronts are specified. Exterior of the building will

be faced with pressed brick and terra cotta. Plans are nearly ready for figures.

BERKELEY, ALAMEDA CO., CAL.—Hotel alterations, 3 story, frame, \$5,000. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owner, A. J. Weeks. The building, located at the northwest corner of Telegraph avenue and Bancroft Way, will undergo extensive alterations. The first floor will be rearranged for seven stores and upper floors will have new interior finish, plastering and plumbing. New electrical work will also be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architects, Theo. A. Eisen & Son, Wilcox Bldg., L. A. Owner, I. L. Levy. The building will be erected on the west side of Figueroa street south of Pico, having a frontage of 95 feet and a depth of 111 feet. There will be five stories besides the hotel lobby on the first floor. Upper floors provide for a total of 84 guest rooms and 40 baths. Interior will be finished in pine throughout. Plans provide for steam heat, elevator service, a hot water system and patent stone fronts. Bath rooms will be finished in tile and will have composition floors. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Electric installation and equipment. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids are now being called for furnishing A. C. buses, D. C. projector feeder and riser system. Bids will be opened for this work on June 11th. Plans and specifications can be secured on application to the Director of Works. An official proposal appears in another column of this issue.

SAN FRANCISCO—Press building, 1 story, frame and plaster construction. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans have been completed for a building to be devoted to the exclusive use of the press which will be erected on the Exposition Grounds. There will be work rooms, telegraph department and lounging room. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken. Bids will be opened on June 18th. An official proposal appears in another column of this issue.

SAN FRANCISCO—Ferry building, 1 story, frame and steel. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on June 18th for constructing a union ferry building on the Exposition Grounds. Construction will be of steel and frame. Exterior will be covered with cement plaster on metal lath. Plans are complete and out for figures. Plans and specifications can be secured from the office of the Director of Works. An official proposal appears in another column of this issue.

SAN FRANCISCO—State exhibit building, 2 story, frame and plaster. Cost not stated. Architect, H. H. Hohenfeldt, 210 Narbonne Bldg., St. Louis, Mo., represented locally by R. S. Bogle, 311 Merchants' National Bank Bldg., S. F. Owners, State of Missouri. Plans for the exhibit palace which is to be erected at the Panama-Pacific International Exposition in this city have been completed and copies of the same forwarded to R. S. Bogle for local contractors. Bids are now being taken and will be opened in St. Louis on June 25th. An official proposal appears in another column of this issue.

Contracts Awarded.

SAN FRANCISCO—State exhibit building, 2 story, frame and plaster. Cost, \$43,950. Architects, Albert Pretzinger and Edw. P. Musselman, Reibold Bldg., Dayton, Ohio. Owners, State of Ohio. Contractors, Lange & Bergstrom, Sharon Bldg., S. F. Contract price, \$12,980.

RAILROAD CONST., STATIONS AND EQUIPMENT.

MODESTO, STANISLAUS CO., CAL.—Passenger station, 2 story and base, reinforced concrete. Cost not stated. Architect, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. The building will be designed in the Mission style of architecture and will provide for two waiting rooms, office and baggage room. Interior finish will be of pine throughout. There will be a central heating system, probably steam heat, with an oil-burning plant. Modern plumbing and electric work will be installed. Exterior of the building will be faced with cement plaster. A clay tile roof will be used. Plans are complete and figures will be called for shortly.

Contracts Awarded.

LEWISTON, IDAHO—Railroad shops, etc., reinforced concrete construction, \$60,000. Engineer, Engineering Department Northern Pacific R. R. Co. Owners, Northern Pacific Railroad Co. Contractors, E. J. Rounds Construction Co., Walker Bldg., Seattle Contract price, \$60,000.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$6,000. Architect, D. C. Coleman, Merchants' National Bank Bldg., S. F. Owner, M. Fisher. The dwelling will be erected in Forest Hill and will be surrounded by large grounds. The dwelling has been designed for an eight-room house with two baths and a sleeping porch. Interior finish will be largely of pine with some redwood and hardwoods. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath rooms will be finished in tile and will be equipped with showers. Automatic water heaters will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, E. E. Young, 251 Kearny street, S. F. Owner, Thomas Scoble, 363 14th avenue, S.

P. The dwelling has been designed for a seven-room house and will be erected on the west side of Jordan avenue north of Geary street. Interior finish will be of pine and hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. The wainscot and composition floors will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner. Work will be done by Day Labor.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$3,000 each. Architect, none. Owner, C. A. Hall, 1318 5th avenue, S. F. These two houses will each contain seven rooms and bath and will be erected on adjoining property on the west side of 12th avenue south of Anza street. Interiors will be finished in pine and redwood. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be furnace heat and open fire places. Mantels will be of tile. Bath rooms and kitchens will have tile wainscot. Composition floors will be used in the bath rooms. Automatic water heaters will be installed. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owner who will do the work by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,000. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, Mrs. Jenks. The dwelling has been designed for an eight-room house with bath and sleeping porch and will be erected in the Boyd Tract. Interior will be finished in pine and some hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$3,000. Architects, United Home Builders, 1762 Broadway, Oakland. Owners, United Home Builders, 1762 Broadway, Oakland. The dwelling has been designed for a six-room house and will be erected on Haddon Road north of Excelesior avenue. Interior finish will be mostly of pine. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$2,000. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, Mr. McCauley. The dwelling has been designed for a five-room house with bath and sleeping porch, and will be erected in the Melrose District. Pine and redwood finish will be used. There will be some oak floors. A large open fire place will be a feature of the living room. Mantel will be of tile. An automatic water

heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with shingles. Plans are being prepared and when complete the work will be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 1½ story and base, frame, \$12,000. Architects, Milwain Bros., Deiger Bldg., Oakland. Owner, Mrs. E. E. Stelle. The dwelling will be erected on Park Way at the corner of Monte avenue, and has been designed to contain ten rooms, three baths and sleeping porches. A large private garage will be erected on the rear of the property. Interior of the house will be finished in pine and hardwoods with hardwood and inlaid floors in the principal rooms. There will be a central heating system, probably hot water, and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile and equipped with showers. Automatic water heaters will be installed. Exterior of both the dwelling and garage will be covered with shingles. Plans are complete and the work has been started by Day Labor.

ALAMEDA, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, H. H. Keys, Central Bank Bldg., Oakland. Owner, Charles Fisher. The dwelling will be erected at the corner of Lincoln avenue and Hilbard street, and has been designed to contain six rooms and bath. Interior will be finished in pine throughout. Hardwood floors will be used in the living room and dining room. There will be furnace heat and open fire places. Mantels will be of tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN LEANDRO, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,500. Architects, Elite Planners, 1844 5th avenue, Oakland. Owners, Huff Estate. The dwelling has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared and when complete the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1½ story and base, frame, \$3,500. Architect, H. H. Guttererson, 80 Post street, S. F. Owner, Mr. Penniman. The dwelling will be erected in Berkeley Heights, and has been designed for a six-room house with bath and sleeping porch. Interior finish will be of pine and elm panels with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and will be equipped with showers. Exterior of the dwelling will be covered with shingles and shiplap. Plans are being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architects,

ing will be erected on Haddon Road, Elite Planners, 1844 5th avenue, Oakland. Owner, S. F. Hankin. The dwelling has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and redwood. Hardwood floors and beam ceilings will be used. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and a shower. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor under the direction of the architects. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architect, H. H. Guttererson, 80 Post street, S. F. Owner, John Howell. The dwelling will be erected in North Berkeley, and has been designed for a seven-room house with two baths and sleeping porch. Interior finish will be largely of pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath rooms will have tile floors and wainscot. Exterior of the house will be covered with shingles. Plans are now being prepared.

RICHMOND, CONTRA COSTA CO., CAL.—Residence, 1 story and base, frame, \$2,500. Architects, Elite Planners, 1844 5th avenue, Oakland. Owners, Abbott and Chincock. The dwelling has been designed for a six-room house with bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place with tile mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared and when complete the work will be done by Day Labor.

SACRAMENTO, CAL.—Residences, 4, 1 story and base, frame, \$3,500 each. Architect, none. Owner, E. A. Pierce, Forum Bldg., Sacramento. These houses will be erected on adjoining property in York Court, and each has been designed to contain six-rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Automatic water heaters will be installed. Bath rooms and kitchens will have tile wainscot. Exteriors will be covered with cement plaster on metal lath and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SACRAMENTO, CAL.—Residences, 1 and 2 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: H. M. Earle, 3028 Magnolia avenue, 2 story six-room house, \$2,500; I. L. Johnson, 1219 33rd street, 1 story five-room house, \$1,700; and O. H. Moore, 2962 35th street, 1 story five-room house, \$1,500. Materials are now being purchased.

HILLSBOROUGH, SAN MATEO CO.,

CAL.—Residence, 3 story and base, reinforced concrete, \$250,000 to \$300,000. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, Marriete Pullman Carolan. The dwelling will be erected on the Carolan Estate and will be fireproof throughout. Occupying the center of large grounds which will be laid out in formal gardens, the dwelling will be one of the handsomest homes on the peninsula. Interior finish will be largely of hardwoods. Hardwood and inlaid floors will be used extensively. There will be a central heating system, vacuum cleaning and a hot water supply. Elevator service and dumb waiters will be installed. All bath rooms will be finished in tile. There will be open fire places and tile and marble mantels. A garage, stables and kennels will also be erected on the property. A contract for the excavating and reinforced concrete work has been awarded to the Clinton Fireproofing Co., Mutual Bank Bldg., S. F., for \$12,350. Plans for the other parts of the work will be out for figures shortly.

SAN JOSE, SANTA CLARA CO., CAL.—Residences, 1 and 2 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: F. G. Cook, 554 North Miller street, 1 story six-room cottage, \$2,000. Lewis Co., 415 South 3rd street, 1 story five-room house, \$1,500, and Mrs. Emma S. Yender, 226 South 23rd street, 1 story four-room cottage, \$300.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, A. Howard Peterson, Blake Bldg., Oakland. Owner, C. Anderson. The dwelling will be erected on the west side of 25th avenue north of Judah, and has been designed for a seven-room house with bath. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath with a brick veneer base. Plans are complete and the work will be done by Day Labor.

SISSON, SHASTA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, James W. Placheck, Acheson Bldg., Oakland. Owner, Dr. Burnett. The dwelling has been designed for a seven-room house and will include the doctor's office. Interior finish will be of pine throughout. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame, \$14,000. Architect, E. Mathewson, Forsyth Bldg., Fresno. Owner, Arthur Goodfellow. The dwelling will be erected in the Hazelwood Tract, and has been designed for a fourteen-room dwelling with several baths and sleeping porch. Interior will be finished in pine with some elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Bath

rooms will be finished in tile and will be equipped with showers. Automatic water heaters will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being revised and figures will be called for shortly.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$1,200. Architects, Thomas & Oliver, Fantasies Bldg., Oakland. Owner, Alfred Cords, 609 Walla Vista avenue, Piedmont. The dwelling will be erected in Nova Piedmont, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will be finished in tile and equipped with a shower. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN BERNARDINO, SAN BERNARDINO CO., CAL.—Residence, 2 story and base, frame, \$3,600. Architect, Anthony Blinner, 433 3rd street, San Bernardino. Owner, W. J. Kinley. The dwelling has been designed to contain seven rooms and bath. Interior will be finished in slashed grained Oregon pine throughout. There will be open fire places and imitation stone mantels. Hardwood floors will be used in the principal rooms. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the house will be covered with cement plaster and shakes. Plans are now being prepared.

SCHOOLS.

OAKLAND, CAL.—School dormitory, 2 story and base, brick and steel. Cost not stated. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids opened on June 2 by the State Board of Control show H. A. Klyce of San Francisco low at \$11,350 for constructing the new dormitory building for the Industrial School for the Adult Blind. He will probably secure the contract. A complete list of the bids as opened will be found under the heading of Oakland and Alameda County in this issue.

STOCKTON, SAN JOAQUIN CO., CAL.—School addition, 1 story and base, brick. Cost not stated. Architects, Stone & Wright, 24 South California street, Stockton. Owners, City of Stockton. Plans have been completed for a four-room addition to the present building located at the corner of Washington and Monroe streets. Interior will be finished in pine. There will be a warm air system of heating, oil burning furnace. Metal tile and tar and gravel roof is specified. Exterior of the building will be covered with cement plaster. Plans are complete and figures are being taken.

STOCKTON, SAN JOAQUIN CO., CAL.—School heating systems. Cost not stated. Architects, Stone & Wright, 24 South California street, Stockton. Owners, City of Stockton. Bids are now being called for furnishing and installing warm air heating systems with oil burning furnaces in all of the new Stockton school buildings. Plans

and specifications can be secured from the architects. Bids will be opened in about a week or ten days.

SACRAMENTO, CAL.—School, 1½ story and base, frame, \$15,000. Architect, C. C. Cuff, Sacramento. Owners, North Sacramento School District. Plans are now being prepared for a new building to be erected in the Haggin-Grant Tract. There will be four class rooms and an assembly hall. Interior finish will be of pine and redwood. Maple floors will be used in the class rooms. Plans provide for a warm air system of heating, modern school plumbing and blackboards. Exterior of the building will be covered with cement plaster on metal lath. Bids will be called for as soon as plans and specifications can be completed.

MOLALA, ORE.—School, 2 story and base, frame, \$12,000. Architect, P. Chapell Brown, Mohawk Bldg., Portland. Owners, Molalla School District. The building has been designed to contain eight standard sized class rooms and an assembly hall. There will be steam heat and modern school plumbing. Interior finish will be of pine throughout. Composition blackboards will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and new figures are being taken.

PORTLAND, ORE.—Convent, 4 story and base, reinforced concrete, \$125,000. Architects, Jacobberger & Smith, Board of Trade Bldg., Portland. Owners, Sisters of the Good Shepherd. The building will be erected on the property bounded by Congress, Bryant, Albina and Dekum streets, and will cover an area of 210 by 145 feet. A U shaped plan has been carried out. There will be a number of class rooms, dormitories and a chapel. Interior will be finished in pine throughout. Some art glass is specified. Plans provide for steam heat, modern plumbing and electric work and a hot water system. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

SAN FERNANDO, LOS ANGELES CO., CAL.—School, 2 story and base, reinforced concrete, \$50,000. Architects, Austin & Pennell, Wright and Callender Bldg., L. A. Owners, Morningside School District. The building will contain eight standard size class rooms, assembly hall, domestic science and manual training departments, principal's office, teachers' rooms and library. Interior will be finished in pine. There will be a central heating system, oil burning plant, modern school plumbing, program clocks and a vacuum cleaning system. Maple floors will be used in the class rooms. Composition blackboards are specified. Exterior of the building will be faced with cement plaster. A clay tile roof will be used. Plans are now being prepared.

LOS ANGELES, CAL.—College, 3 story and base, Class C construction. Cost not stated. Architects, Richards-Neustadt Co., Wright and Callender Bldg., L. A. Owners, University of Southern California. The building will be erected at the corner of Los Angeles and 16th streets, covering an area of 80 by 140 feet. There will be offices, clinic rooms, lecture rooms, class rooms and laboratories. Interior will be finished in pine. Metal lath and plaster partitions are specified. Plans provide for steam heat. Exterior of the building will be faced with cement plaster trimmed with artificial stone. Plans

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are complete and figures are being taken by Prof. L. E. Ford, Los Angeles Investment Bldg., L. A.

OAKLAND, CAL.—School plumbing. Cost not stated. Architect, J. J. Donovan, City Hall Bldg., Oakland. Owners, City of Oakland. Plans and specifications are now complete for the rough and finished plumbing to be installed in the Garfield School, Emerson School, and the Manual Training and Commercial High School. Bids for this work will be opened on June 16th by the Board of Education. Plans and specifications can be secured from the architect.

Contracts Awarded.

CHICO, BUTTE CO., CAL.—School, 2 story and base, brick, \$30,000. Architect, Chester Cole, Chico. Owners, Oakdale School District. Contractor, E. D. Sharp, Chico, general construction only. Contract price, \$29,335.

SEWERS, STREET WORK AND WATER SYSTEMS.

SAN FRANCISCO—Substation, 1 story and base, reinforced concrete. Cost not stated. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Pacific Gas and Electric Co. A new substation will be erected at the corner of 8th and Mission streets. Construction will be fireproof throughout with a steel frame, reinforced concrete walls and floors. Interior will be finished in pine. Special equipment will be furnished by the owners. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SAN FRANCISCO—Paving. Cost not stated. Engineer, City Engineer. Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened at the last Wednesday meeting of the Board of Public Works for the Stockton, Columbus and Fort Mason paving show F. Roland low at \$125.-73.10. He will probably be awarded the contract. A complete list of the bids received will be found under the heading of San Francisco in this issue.

SAN FRANCISCO—Oiling macadam roads. Cost not stated. Engineer, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Bids will be opened on June 24th for oiling all macadam roads in the Presidio and Fort Winfield Scott. Specifications for this work can be secured from the office of the Constructing Quartermaster at Fort Mason. An official proposal appears in another column of this issue.

FALL RIVER, SHASTA CO., CAL.—Power plant, 1 story, reinforced concrete. Cost not stated. Engineer's name not given. Owners, California Power and Manufacturing Co. Charles E. Kornel has arrived at Fall River, Shasta County to superintend the construction of the California Power and Manufacturing Co.'s new power station. A 400 horse power plant will be installed at the present time, but the company has water rights giving an

available 100,000 horse power, which will be developed shortly.

RIALTO, SAN BERNARDINO CO., CAL.—School, 1 story and base, frame, \$5,000. Architect, Anthony Binner, 433 3rd street, San Bernardino. Owners, Rialto School District. The building will contain two class rooms. Interior will be finished in pine. Gas grates will be used for heating. Composition blackboards are specified. Exterior of the building will be covered with rustic. Plans are complete and figures will be opened on June 20th.

Contracts Awarded.

DINUBA, TULARE CO., CAL.—Street paving, \$4,000. Engineer, City Engineer, Dinuba. Owners, City of Dinuba. Contractors, Ransome-Crummey Co., Oakland. Contract price \$34,000.

RECLAMATION DISTRICT NO. 1001, SUTTER CO., CAL.—Pumping plant machinery, \$35,790. Engineer's name not given. Owners, Reclamation District No. 1001. Contractors, The Electric and Machine Equipment Co., Stockton. Contract price, \$35,790.

MAYER, YAVAPIA CO., ARIZ.—School, 2 story and base, brick, \$10,000. Architect, W. S. Elliott, Prescott. Owners, Mayer School District. Contractor, Joe Pettit, Prescott. Contract price, \$9,000.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Stores, 2 story addition. Class C construction, \$20,000. Architects, Charles Paff & Co., Merchants' Exchange Bldg., S. F. Owners, Joseph Shuang Co. The present building on Stevenson street west of Fifth, covering an area of 22 by 75 feet, will have a two-story addition. Upper floors will be arranged for lofts and the first floor for stores. Interior will be finished in pine throughout. There will be patent store fronts. Exterior will be faced with cement plaster. Plans are now complete and figures are being taken.

SAN FRANCISCO—Commercial Club alterations, \$150,000. Architect, W. H. Batelliff, Jr., First National Bank Bldg., Berkeley. Owners, San Francisco Commercial Club. The present club rooms on the 14th floor of the Merchants' Exchange will be enlarged and entirely refurnished and refurnished. Included in the work will be new interior finish, plastering, art glass, electric work and plumbing. Only preliminary plans have been prepared and details of the work will be published later.

SEATTLE, WASH.—Stores and lofts, 6 story and base, steel and reinforced concrete. Cost not stated. Architect, Louis Mendel, Oriental Bldg., Seattle. Owners, John F. and James B. O'Shea. The building will be erected at the southwest corner of 5th avenue and Pine street, and will cover a large ground area. Construction will be fireproof throughout with reinforced concrete walls, floors and roof slabs. Interior partitions will be of metal lath and plaster. There will be passenger and freight elevators, steam heat and a vacuum cleaning system.

Metal window sash and frames will be used. Interior finish will be of pine. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be taken on a general contract within twenty days. Further mention will be made of the work.

BERKELEY, ALAMEDA CO., CAL.—Stores, 1 story and base, brick, \$5,000. Architect, Alvin J. Stern, 1542 Broadway, Oakland. Owner, W. J. Gruener. The building will be erected at the corner of University and San Pablo avenues, and has been designed to contain three modern stores. Interior finish will be of pine throughout. Patent store fronts and plate glass windows will be installed. Exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor. Materials are now being purchased through the architect.

Contracts Awarded.

OAKLAND, CAL.—Stores and lofts, 3 story and base. Class A construction, \$60,000. Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owners, Nellie E. Blood, Jessie L. Appleton and Alliance Land Contractor, P. J. Walker, Monadnock Bldg., S. F. Contract price, \$60,000. Note: Subfigures are now being taken on the work.

THEATRES.

SAN FRANCISCO—Theatre, 1 story frame and plaster, \$15,000. Architect, E. P. Antonovich, 333 Kearny street, S. F. Owner's name withheld. The building will be erected on the Exposition Grounds, and will have a seating capacity of 750 people. Interior will be handsomely finished in pine and ornamental plaster. There will be a modern system of ventilation. Special electrical equipment will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans will be ready for figures about July 1st.

LOS ANGELES, CAL.—Ice rink, 1 story, steel and reinforced concrete, \$100,000. Architect, Ernest Horstman, 1 W. Hellman Bldg., L. A. Owners, the Jefferson Grand Arena Co. The building will be erected at the corner of Jefferson street and Grand avenue, covering an area of 300 by 181 feet. There will be a main rink 35 by 210 feet with booths and concession stalls. Interior will be finished in pine. Roof will be carried on steel trusses. Plans include complete ice making machinery. Exterior will be faced with cement plaster. Plans are now being prepared.

SEALED PROPOSALS.

ATTENTION ARCHITECTS.

THE Kentfield School Trustees invite the submission of sketches showing the floor plans, front and elevations for a four-room Mission style school building to be erected on the school lot near the Stadium, Tamalpais Center. Plans should be drawn with the idea of future additions to conform to the size of the lot. The building completed with plumbing, ventilating, bathing, etc., must not exceed \$12,000. Plans to be forwarded to the clerk of the School Trustees, Mr. T. W. West, at Kentfield, not later than June 20th, 1914. For further information apply to the clerk of the Board.

JOE BROOKS,
GEO. E. BENNETT,
T. W. WEST, Clerk.

NOTICE TO CONTRACTORS.

SEALED proposals will be received by the Missouri Commission to the Pan-Pacific International Exposition, San Francisco, California, to whom all California applications must be made.

Copies of plans and specifications can be procured by applying to R. S. Bogie, 311 Merchants National Bank Building, San Francisco, California, to whom all California applications must be made. Bids will be opened at the office of the Architect, the Missouri Commission, H. H. Hohenschild, 319 211 and 312 Navarre Building, St. Louis, Mo., at 9 o'clock a. m. June 25th, 1914, and bids must be delivered or tendered registered mail so as to reach Architect at time named.

JOHN L. McNATT

Chairman,
NORMAN M. VAUGHAN,
Secretary Missouri Commission.

PROPOSALS FOR MACHINERY.

MACHINERY AND VALVES—U. S. Engineer Office, Bunker Hill, Wash.—Sealed proposals for machinery and valves for Lake Washington Canal locks will be received at this office until 11 a. m. July 2, 1914, and then publicly opened. Information on application at district engineer offices at Seattle, Wash., Chicago, Ill., and Pittsburgh, Pa. J. R. CAVANAUGH, major, engineers.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at 3 p. m. June 30, 1914, for the construction complete (including mechanical equipment, lighting fixtures and approaches), of a one-story basement and mezzanine stone-faced building of 6,000 square feet ground area. Preproof construction, for the United States post office at Greeley, Colo. Drawings and specifications may be obtained from the custodian at Greeley, Colo., or at this office in the discretion of the supervising architect. O. WENDEROTH, supervising architect.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at 3 p. m. July 2, 1914, for the construction complete (including mechanical equipment, interior lighting fixtures and approaches), of the United States post office at Bozeman, Mont. Twenty-story and basement building, ground area 1900 square feet, partially fireproof construction, stone and brick facing and composition roof. Drawings and specifications may be obtained from the custodian of site at Bozeman, Mont. or at this office, in the discretion of the supervising architect. WENDEROTH supervising architect.

PROPOSALS FOR POWER PLANT.

PROPOSED PLANT—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service at Fallon Nevada until 2 o'clock p. m. June 25, 1914, for the lease from the United States of the electric power plant at Fallon Nevada. Truckee River Project Nevada. For particulars address the United States Reclamation Service at Washington, D. C., Fallon Nevada, or 605 Federal Building, Los Angeles, Cal. A. P. DAVIS, chief engineer.

PROPOSALS FOR JAIL CONSTRUCTION.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 9 o'clock a. m. and 3 o'clock p. m. on Wednesday, the 7th day of June, 1914, for doing the following work including the furnishing of the necessary labor and materials therefor, to wit:

The General Construction of the Jail and Emergency Hospital portions of the City and County Jail Building.

Progressive payments will be made. Said work shall be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within one hundred and eighty (180) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$15,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works.

RICHARD J. CLINE,
Secretary.

PROPOSALS FOR INTERIOR STONE WORK.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 9 o'clock a. m. and 3 o'clock p. m. on Wednesday, the 24th day of June, 1914, for doing the following work including the furnishing of the necessary labor and materials therefor, to wit: "The interior stone work for the City Hall."

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within three hundred and eighty (380) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$50,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works.

RICHARD J. CLINE,
Secretary.

PROPOSAL FOR ICE MACHINE.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal., June 2, 1914.—PROOFED PROPOSALS in triplicate for furnishing and installing five-ton ice machine, etc., in the power plant at the Letterman General Hospital, San Francisco, Cal., will be received here until 11 a. m. June 16, 1914, and then opened. Plans, specifications, etc., can be obtained here, deposit of \$10.00 required to insure return of plans, etc. Proposals to be enclosed in sealed envelopes and addressed GEO. MCK. WILLIAMSON, LT. COL. U. S. A.

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal., June 6, 1914.—SEALED PROPOSALS in triplicate, for the oiling of macadam roads at the Presidio and Ft. Winfield Scott, San Francisco, Cal., will be received here until 11 a. m. June 20, 1914, and then opened. Plans, specifications, etc., can be obtained here, deposit of \$10.00 required to insure return of plans, etc. Proposals to be enclosed in sealed envelopes and addressed GEO. MCK. WILLIAMSON, LT. COL. U. S. A. (4)

NOTICE TO BRIDGE BUILDERS.

Proposals for Constructing Reinforced Concrete Bridge.

NOTICE is hereby given that sealed bids will be received by the Board of Supervisors of the County of San Mateo, State of California, up to the hour of 4 o'clock a. m. on Monday, June 15, 1914, for the construction of a reinforced concrete bridge on the County road at Woodside between the properties of the Fonger and J. A. Hooper in the Third District. Plans, specifications and specifications prepared by the county surveyor and adopted by the Board of Supervisors on Monday, May 25, 1914, which said plans and specifications are now on file in the office of the clerk of said Board, where same may be inspected.

All bids must be addressed to the Clerk of said Board of Supervisors at Redwood City, and each bid must be accompanied by a certified check on some reliable bank, in a sum equal to at least ten per cent of bid, made payable to the order assigned to the Clerk of the Board of Supervisors, same to be forfeited to the County of San Mateo as liquidated damages in case the party to whom the contract was awarded, shall fail, neglect or refuse to execute and file, within ten days after the award of said contract, a bond to be approved by the Chairman of the Board of Supervisors of said county, in an amount not exceeding the contract price to be given to the contractor in a written contract with said county in accordance with said plans and specifications, and the bid thereon.

All bids from contractors must specify the time for the completion of said work, also the cost of concrete in place per cubic yard, to be used in estimating the value of extra work, if required.

The right is reserved to reject any and all bids. The undersigned, NASH, County Clerk and ex-Officio Clerk of the Board of Supervisors of the County of San Mateo, State of California. Dated, May 25, 1914.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Filmore and Chestnut Streets, San Francisco, California, at 9:00 A. M. Thursday, June 18th, 1914, until 5 P. M. Lighting Buses and D. C. Projector Feeder and Riser System in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which will be held by the committee. Successful bidder signing and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price who will be required for faithful performance of the contract. The sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and submit a new contract in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Filmore and Chestnut Streets, San Francisco, by depositing \$10.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and specifications must submit a bond which will forfeit the deposit of Ten Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (4)

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., May 2, 1914—SEALED PROPOSALS will be opened in this office at 4 P. M. of May 13, 1914, for construction complete (including mechanical equipment, interior lighting fixtures and plumbing) of a new building for a post office at Hanford, Cal. The building is one-story, with a mezzanine and basement, with a ground area of approximately 10,000 sq. ft. The walls are stucco, and terra cotta facing; composition and tile roof; first floor of fireproof construction. Plans and specifications may be obtained from the custodian of site at Hanford, Cal., or at this office, in the discretion of the Supervising Architect, A. W. WENDEROTH, Supervising Architect. (2)

Construction complete (including mechanical equipment, interior lighting fixtures and approaches) of the United States post office at Brigham City, Utah. Two-story building; ground area approximately 10,000 sq. ft. The walls are stucco and brick facing; composition roof. Drawings and specifications may be obtained from the custodian of site at Brigham City, Utah or at this office, in the discretion of the Supervising Architect, A. W. WENDEROTH, Supervising Architect. (2)

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

ELECTRIC INSTALLATION AND EQUIPMENT—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids are now being called for furnishing A. C. buses and D. C. projector feeder and riser system. Bids will be opened for this work on June 11th. Plans and specifications can be secured on application to the Director of Works. An official proposal appears in another column of this issue.

PRESS BUILDING—1 story, frame and plaster construction. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans have been completed for a building to be devoted to the exclusive use of the press which will be erected on the Exposition Grounds. There will be work rooms, telegraph department and lounging room. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken. Bids will be opened on June 18th. An official proposal appears in another column of this issue.

FERRY BUILDING—1 story, frame and steel. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on June 18th for constructing a union ferry building on the Exposition Grounds. Construction will be of steel and frame. Exterior will be covered with cement plaster on metal lath. Plans are complete and out for figures. Plans and specifications can be secured from the office of the Director of Works. An official proposal appears in another column of this issue.

RESIDENCE—2 story and base, frame, \$6,000. San Francisco. Architect, D. C. Coleman, Merchants' National Bank Bldg., S. F. Owner, M. Fisher. The dwelling will be erected in Forest Hill and will be surrounded by large grounds. The dwelling has been designed for an eight-room house with two baths and a sleeping porch. Interior finish will be largely of pine with some redwood and hardwoods. Oak floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath rooms will be finished in tile and will be equipped with showers. Automatic water heaters will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco. Architect, E. B. Young, 251 Kearny street, S. F. Owner, Thomas Seoble, 363 14th avenue, S. F. The dwelling has been designed for a seven-room house and will be erected on the west side of Jordan avenue north of Geary street. Interior finish will be of pine and hard-

wood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot and composition floors will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner. Work will be done by Day Labor.

RESIDENCES—2 story and base, frame, \$3,000 each. San Francisco. Architect, none. Owner, C. A. Hall, 1318 5th avenue, S. F. These two houses will each contain seven rooms and bath and will be erected on adjoining property on the west side of 12th avenue south of Anza street. Interiors will be finished in pine and redwood. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be furnace heat and open fire places. Mantels will be of tile. Bath rooms and kitchens will have tile wainscot. Composition floors will be used in the bath rooms. Automatic water heaters will be installed. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owner who will do the work by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$30,000. San Francisco. Architect, C. E. Gottschalk, Phelan Bldg., S. F. Owner's name withheld. The building will be erected on Lombard street near the Exposition Grounds and has been designed to contain a number of two and three room suites with baths. Interiors will be finished in pine and redwood. There will be steam heat and a hot water supply. All suites will have wall beds. Bath rooms will be finished in tile and will have composition floors. Entrance will be finished in marble. Exterior of the building will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

APARTMENT HOUSE—4 story and base, brick and steel, \$25,000. San Francisco. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, M. S. Shaw. The building will be erected on the north side of Bush street west of Hyde on a lot with a frontage of 34 feet 4 inches and a depth of 137 1/2 feet. There will be twenty-five apartments of two and three rooms. Interiors will be finished in pine with some elm panels and oak floors. Plans provide for steam heat, an automatic elevator, and hot water supply. All apartments will have private baths and wall beds. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be faced with red pressed brick. Plans are complete and in the hands of the owner who is now taking figures for the work.

APARTMENT HOUSE—3 story and base, frame, \$16,000. San Francisco. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, Mr. Revelli. The building will be erected at the corner of 26th and Capp streets, covering an area of 40 by 120 feet. There will be one store on the first floor and a total of

16 suites of two, three and four rooms on the upper floors. Interior finish will be of pine and redwood. All suites will have wall beds and private bath rooms. There will be gas steam radiators and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are nearly complete and a contract will be awarded shortly.

APARTMENT HOUSE—4 story and base, reinforced concrete, \$25,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Green and Hallen. The building will be erected on O'Farrell street, and has been designed to contain 24 suites of three rooms each. Interior will be finished in pine and redwood with some elm panels and hardwood floors. There will be steam heat, elevator service and a hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. All apartments will be equipped with wall beds. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

APARTMENT HOUSE—6 story and base, reinforced brick, \$68,000. San Francisco. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owners, Gaffney Estate, C. P. Moore Building Co. or Fred Hansen will be awarded a contract within the net few days for this work. All bids are now under advisement in the architect's office. Further mention will be made of the work.

CITY HALL—4 story, dome and base. Class A construction, \$4,500,000. San Francisco. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Plans and specifications have been completed for the interior stone work for the new City Hall. Bids will be opened by the Board of Public Works on June 24th. Plans and specifications can be secured from the City Department of Architecture, Temporary City Hall. An official proposal appears in another column of this issue.

JAIL AND EMERGENCY HOSPITAL COMPLETION—Class A construction. Cost not stated. San Francisco. Architects, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans have been completed for additional jail work and for the completion of the emergency hospital in the new Hall of Justice and City Jail building on Washington street. All construction will be of the class A type. Bids are now being called for by the Board of Public Works and will be opened on June 17th. An official proposal appears in another column of this issue.

FLATS ADDITION—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, Thomas Ekroos, 915 Hampshire street, S. F. The work will consist of a two-story addition to the present one-story building at the southeast corner of Hampshire and 21st streets. New portion of the building will contain two modern five-room flats. Interiors will be finished in pine and redwood with hardwood floors in the living rooms. There will be open fire places and tile mantels. Automatic water heaters will be installed. Exterior of the building will be covered with cement plaster on metal lath and

rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architect, none. Owner, H. C. Keenan, 300 Webster street, S. F. The building will be erected on the west side of 18th avenue north of California street, covering an area of 27 by 58 feet. There will be two modern flats of five and six rooms. Interior finish will be of pine with some elm panels and hardwood floors. Plans provide for a large open fire place in each of the living rooms. Mantels will be of tile. Automatic water heaters will be installed. Baths and kitchens will have tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

HOSPITAL ICE PLANT—Cost not stated. San Francisco. Engineer, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Plans and specifications have been completed by the Constructing Quartermaster's Office at Fort Mason for furnishing and installing a five-ton ice making plant at the Letterman General Hospital at the Presidio. Bids for this work will be opened on June 16th at 11 a. m. Plans and specifications can be secured from the office of the Constructing Quartermaster. An official proposal appears in another column of this issue.

HOTEL—5 story and base, brick and steel, \$100,000. San Francisco. Architects, Reid Bros. California-Pacific Bldg., S. F. Owners, Treadwell Realty Co. The building will be erected at the northwest corner of Fillmore and Eddy streets, covering a large ground area. The first floor will be arranged for stores as well as the hotel lobby and entrance. Upper floors will contain a large number of hotel rooms, a large percentage of which will have private baths. Interior finish will be of pine and hardwood veneer. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble. Metal window sash and frames and patent store fronts are specified. Exterior of the building will be faced with pressed brick and terra cotta. Plans are nearly ready for figures.

SUBSTATION—1 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Pacific Gas and Electric Co. A new substation will be erected at the corner of 8th and Minna streets. Construction will be fireproof throughout with a steel frame, reinforced concrete walls and floors. Interior will be finished in pine. Special equipment will be furnished by the owners. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

PAVING—Cost not stated, San Francisco. Engineer, City Engineer. Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened at the last Wednesday meeting of the Board of Public Works for the Stockton, Columbus and Fort Mason paving show F. Rolandi low at \$125.-773.10. He will probably be awarded

the contract. A complete list of the bids received will be found under the heading of San Francisco in this issue.

STORES—2 story addition, Class C construction, \$20,000. San Francisco. Architects, Charles Paff & Co., Merchants' Exchange Bldg., S. F. Owner, Joseph Shooing Co. The present building on Stevenson street west of Fifth, covering an area of 22 by 75 feet will have a two-story addition. Upper floors will be arranged for lofts and the first floor for stores. Interior will be finished in pine throughout. There will be patent store fronts. Exterior will be faced with cement plaster. Plans are now complete and figures are being taken.

COMMERCIAL CLUB ALTERATIONS—\$150,000. San Francisco. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, San Francisco Commercial Club. The present club rooms on the 14th floor of the Merchants' Exchange will be enlarged and entirely refinished and furnished. Included in the work will be new interior finish, plastering, art glass, electric work and plumbing. Only preliminary plans have been prepared and details of the work will be published later.

THEATRE—1 story, frame and plaster, \$15,000. San Francisco. Architect, E. P. Antonovich, 333 Kearny street, S. F. Owner's name withheld. The building will be erected on the Exposition Grounds and will have a seating capacity of 750 people. Interior will be handsomely finished in pine and ornamental plaster. There will be a modern system of ventilation. Special electrical equipment will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans will be ready for figures about July 1st.

STATE EXHIBIT BUILDING—2 story, frame and plaster. Cost not stated. San Francisco. Architect, H. H. Hohenschild, 310 Navarre Bldg., St. Louis, Mo., represented locally by R. S. Bogle, 311 Merchants' National Bank Bldg., S. F. Owners, State of Missouri. Plans for the exhibit palace which is to be erected at the Panama-Pacific International Exposition in this city have been completed and copies of the same forwarded to R. S. Bogle for local contractors. Bids are now being taken and will be opened in St. Louis on June 25th. An official proposal appears in another column of this issue.

APARTMENT HOUSES—2, 3 story and base, frame, \$12,000 each. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owners' names withheld. These two buildings will be erected for different owners on adjoining property on Franklin street between Clay and Washington streets. Each building will have a frontage of 30 feet and a depth of 85 feet. There will be six apartments in each consisting of four rooms. Interiors will be finished in pine and hardwoods. All suites will have private bath rooms and wall beds. There will be steam heat, a hot water supply and vacuum cleaners. Exteriors will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be taken at once.

APARTMENT HOUSE—3 story and base, frame, \$15,000. San Francisco. Architect, none. Owner, I. R. Kissell, 1723 Polk street, S. F. The building will be erected on the north side of California street between Larkin and

Polk streets, and has been designed to contain twelve suites of two and three rooms. There will be a central heating system and hot water supply. Portable vacuum cleaners will be installed. Entrance will be finished in marble. Interior finish will be of pine with some elm panels and hardwood floors. Each apartment will have a private bath and wall beds. Bath rooms will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

CHURCH—1 story and base, brick and steel, \$80,000. San Francisco. Architect, Edgar A. Mathews, Phelan Bldg., S. F. Owners, Christian Scientist Church. The building will be erected on Haight street near the Park and will contain a large main auditorium, smaller meeting rooms, reading rooms and study rooms. Interior finish will be of pine and ornamental plaster. There will be steam heat. Exterior of the building will be faced with pressed brick. Plans are nearly ready for figures.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, Howard Peterson, Blake Bldg., Oakland. Owner, C. Anderson. The dwelling will be erected on the west side of 25th avenue north of Judah, and has been designed for a seven-room house with bath. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath with a brick veneer base. Plans are complete and the work will be done by Day Labor.

OILING MACADAM ROADS—Cost not stated. San Francisco. Engineer, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Bids will be opened on June 20th for oiling all macadam roads in the Presidio and Fort Winfield Scott. Specifications for this work can be secured from the office of the Constructing Quartermaster at Fort Mason. An official proposal appears in another column of this issue.

Contracts Awarded.

STATE EXHIBIT BUILDING—2 story, frame and plaster. Cost not stated. San Francisco. Architects, Albert Pretzinger and Edw. F. Musselman, Reibold Bldg., Dayton, Ohio. Owners, State of Ohio. Contractors, Lange & Bergstrom, Sharon Bldg., S. F. Contract price, \$13,980.

APARTMENT HOUSE—4 story and base. Class C construction, \$98,000. San Francisco. Architect, J. R. Miller, Lick Bldg., S. F. Owners, Santa Christina Investment Co. Contractor, C. A. Brady, 180 Jessie street, S. F., general construction only. Contract price, \$98,000. Note: Subfigures are now being taken on all parts of the work except the brick work.

Mrs. A. Henze has filed a complaint with the Board of Public Works stating that the building located at No. 746 Kansas street, San Francisco, is a fire trap and very dangerous. The matter is being investigated by the Building Department.

City Bids Opened.

Bids Received For Big Paving Contract For Which F. Roland Presented Low Figure.

Bids were opened by the Board of Public Works at their Wednesday afternoon session for a large paving project known as the Stockton, Columbus and Fort Mason contract. Five bids were received, that of F. Roland being low at \$125,773.10.

Paving, Stockton, Columbus and Fort Mason.

F. Roland	.....	\$125,773.10
Peterson & Grier	.....	145,377.40
Robt. C. Storrie & Co.	.....	151,026.00
Mahaney Bros.	.....	138,410.50
Healy Tibbitts Con. Co.	.....	163,407.20

Bids were also opened at the same meeting for constructing a retaining wall and sidewalks at the Home Park. C. A. De Camp was low at \$410. Other bids received were as follows:

Retaining Wall At Home Park.	
M. Schlosser	\$ 850
F. F. Moore.....	896
J. G. Harney.....	1,469
C. A. De Camp.....	840

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Am't.
1862	Real Ppty	Serguson	600
1863	Nelson	Burg	857
1864	Grace	Grace	1250
1865	Howitt	Malloch	400
1866	Guards	Rezonico	400
1867	Parrott	Gutleben	400
1868	Fisher	Fisher	6000
1869	Flannery	Brumfield	500
1870	Sunser	Brumfield	3111
1871	Streichen	Demaris	600
1872	Lapham	Lapham	2250
1873	Schlesinger	Van Emon	4500
1874	Loesch	Brumfield	1750
1875	Schlesinger	Ralston	21000
1876	Same	Scott	2179
1877	Denser	Madden	1500
1878	Roos	Chisholm	1546
1879	Postal Studio	Wegner	8400
1880	Rosenberg	Schaffer	1989
1881	Malloch	Malloch	6000
1882	Frmn's Fund	Henderson	4345
1883	Same	Muriale	6390
1884	Same	MacArthur	4250
1885	Same	Agmar	1450
1886	Halsted	Born	1130
1887	Werner	Cuneo	2550
1888	Boicell	Mitrovich	9250
1889	St. Ignatius	Spencer	2450
1890	Romano	Scarlaron	7800
1891	Wisconsin	Pringle	19000
1892	Roman Cath	Corghino	18000
1893	Crocker Hotel	Pac Ext	9370
1894	Lewis	Bessett	2120
1895	Rosenberg	Bernard	5425
1896	Hall	Hall	3000
1897	Kirk	Olson	2000
1898	Kirk	Olson	2000
1899	Show	Olson	20000
1900	Morris	Morris	1900
1901	Morris	Morris	1000
1902	Hall	Hall	3000
1903	Seoble	Seoble	5000
1904	Ekoos	Ekoos	2300
1905	Nelson	Nelson	3000
1906	Segale	Segale	2500
1907	Gode	Moore	400
1908	Donovan	Meek	475
1909	Standberg	Standberg	1050
1910	Robb	Brumfield	400
1911	Omano	Ponsero	400
1912	Dennis	Dennis	450
1913	Spreckels	Forderer	168
1914	Same	Butte	2310
1915	Same	Home Mfg	548
1916	Same	McGillivray	515
1917	Same	Olis	515
1918	Morton	Wright	98405
1919	Pusco	Cereghino	3200
1920	Winterberg	Liebert	3800
1921	Strob	Holt	7080
1922	Zellerbach	Atlas	1830
1923	City & Co of S F.	Wille	80180
1924	Same	Lawson	6685
1925	Same	Tittle	2778
1926	Same	O'Mara	4423
1927	Ackerman	Behm	500
1928	Holbrook	Brumfield	500
1929	Atlas	Atlas	950

1930	Gale	.....	1000
1931	Boyd	.....	500
1932	Slayton	.....	400
1933	Trevor	.....	400
1934	Steidger	.....	500
1935	Clark	.....	400
1936	Anderson	.....	3000
1937	Dallmora	.....	325
1938	Clark	.....	1000
1939	Wilson	.....	1000
1940	Sullivan	.....	500
1941	Gibbons	.....	500
1942	Thomas	.....	400
1943	Stanford	.....	500
1944	Loof	.....	1000
1945	Laine	.....	1500
1946	Virgilio	.....	1125
1947	Knight	.....	500
1948	Keenan	.....	4750
1949	Ohio Bldg	.....	43980
1950	Fritz	.....	7650
1951	Meyerfeld	.....	5100
1952	Grizez	.....	2200
1953	Donovan	.....	2000
1954	Goltung	.....	4000
1955	Cadman	.....	5000
1956	Ford	.....	2540
1957	Dale	.....	2500
1958	Bagg	.....	3387
1959	Westinghouse	.....	2000
1960	Aschman	.....	3800
1961	Walshall	.....	2600
1962	Squalla	.....	137
1963	Nevin	.....	4750
1964	Andriano	.....	1500
1965	McSweeney	.....	5000
1966	Rousseau	.....	62500
1967	Martin	.....	205000
1968	Anderson	.....	3200
1969	City Elec	.....	1123
1970	Waage	.....	5125
1971	Ellingsen	.....	2485
1972	Waterfront	.....	1625
1973	Leichter	.....	1740
1974	Zellerbach	.....	1555

(1862) NOS. 147-51 SUTTER. Alter front, etc.

Owner.....Real Property Investment Co., 903 1st National Bank Bldg., San Francisco.

Architect.....J. R. Miller, Lick Bldg., San Francisco.

Contractor.....Serguson & Franzen, 230 Tehama, San Francisco.
COST, \$600

(1863) NO. 131 SILVER AVE. One-story and basement frame dwlg.

Owner.....H. Nelson, Premises.

Architect.....None.

Contractor.....E. D. Burg, 1272 Alabama, San Francisco.

COST, \$850

(1864) SE MORSE 200 NE Persia. One-story and basement frame dwlg.

Owner.....John T. Grace, 1030 Rhode Island, San Francisco.

Architect.....None.

Day's work.....COST, \$1250

(1865) W TWENTY-FIFTH AVE 100 W Clay. One-story frame garage.

Owner.....Mrs. L. Howitt, 123 25th Ave., San Francisco.

Architect.....None.

Contractor.....J. S. Malloch, 110 Jessie, San Francisco.

COST, \$400

(1866) NO. 439 BROADWAY. Terrazzo floor and wainscot in vestibule.

Owner.....Garibaldi Guards, Premises.

Architect.....None.

Contractor.....M. Rezonico, 1641 Filbert, San Francisco.

COST, \$400

(1867) NE POST AND POWELL. Construct timber runway.

Owner.....Parrott Estate, 502 California, San Francisco.

Architect.....None.

Contractor.....Gutleben Bros., 307 Madnack Bldg., S. F.

COST, \$400

(1868) FOREST HILL LOT 18 AND part Lot 17 Blk 4. Two-story and

basement frame dwelling.

Owner.....M. Fisher, 105 Montgomery

San Francisco.

Architect.....D. C. Coleman, Metropolis

Rank Bldg., S. F.

Day's work.....COST, \$6000

(1869) NW GEARY AND MARKET.

Electric sign.

Owner.....Harry P. Flannery, Prem.

Architect.....None.

Contractor.....Brumfield Elec. Sign Co.,

18 7th, San Francisco.

COST, \$490

(1870) NO. 40 O'FARRELL. Electric

sign.

Owner.....The Sunset Cafeteria, 40

O'Farrell, San Francisco.

Architect.....None.

Contractor.....Brumfield Elec. Sign Co.,

18 7th, San Francisco.

COST, \$450

(1871) N EIGHTEENTH 75 W Texas.

One-story frame store.

Owner.....H. W. Streichen, 1310

18th, San Francisco.

Architect.....None.

Contractor.....B. W. Demaris, 732 Page,

San Francisco.

COST, \$600

(1872) E EIGHTEENTH AVE 200 S

Anza. Two-story and basement

frame dwelling.

Owner.....Frank Lapham, 520 15th

Ave., San Francisco.

Architect.....None.

Contractor.....R. E. Lapham, 1340 Mc-

Allister, San Francisco.

COST, \$2250

(1873) MARKET AND SECOND. One

passenger, 1 freight and 1 sidewalk

elevator and 1 handpower dumb

walter for building.

Owner.....Chas. Schlesinger, Mills

Bldg., San Francisco.

Architect.....Alfred H. Jacobs, 110

Sutter, San Francisco.

Contractor.....B. C. Van Emon Elevators

Incorporated, 235 1st, S. F.

Filed June 1, '14. Dated May 18, '14.

When machines delivered..... $\frac{1}{2}$

When elevators running..... $\frac{1}{4}$

Usual 35 days.....Balance

TOTAL COST, \$4500

Bond, \$4500. Surety, National Surety

Co. Lmtl, forfeit, none. Specifications

only filed.

(1874) SE WASHINGTON & DUNBAR

Alley S 46x6E 20. All work except

shades and gas and electric fixtures

for one-story and mezzanine floor

Class "C" brick building.

Owner.....Chas. Loesch, SW Eddy &

Fillmore, San Francisco.

Architect.....Hightt & Headman,

Phelan Bldg., S. F.

Contractor.....Liebert & Martinelli, 5

Woodward, San Francisco.

Filed June 1, '14. Dated June 1, '14.

Brick work done and ready for

roof.....\$875

Brown coated.....\$75

Completed and accepted.....\$75

Usual 35 days.....886

TOTAL COST, \$35,111

Bond, \$1756. Sureties, N. Capurro and

Fillda Carmignani. Lmtl, 60 days.

Forfeit, \$15. Plans and specifications

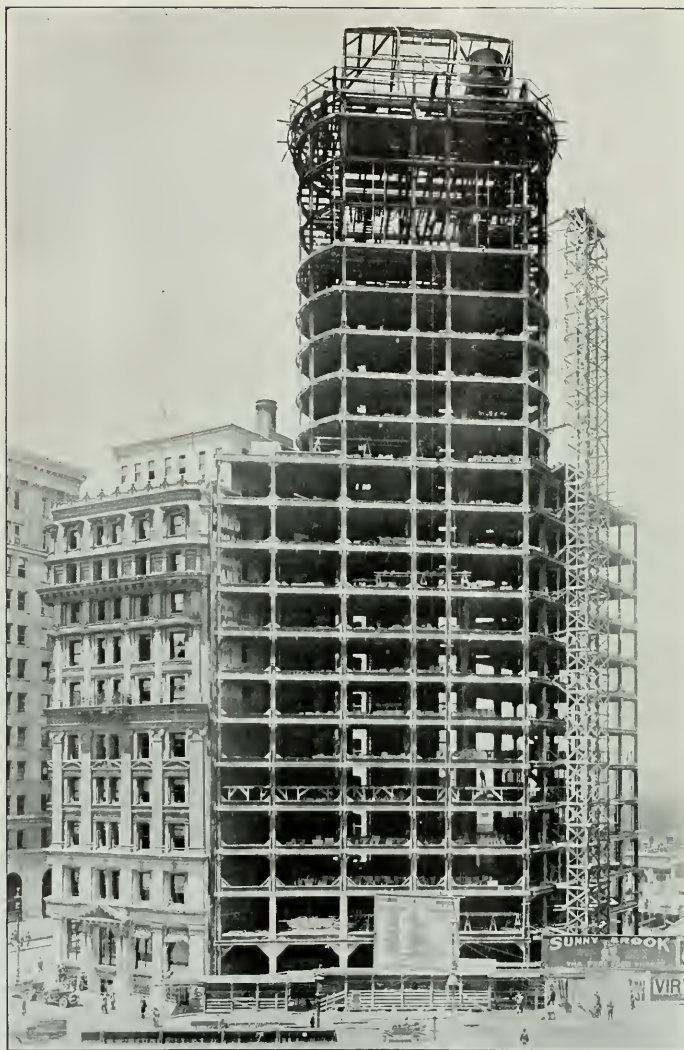
filed.

(1875) SE MARKET 45 SW Second SW

30 SE 91-6 SW 20 SE 43-6 NE 95 NW

43-6 SW 45 NW 91-6. Casto iron and

steel work for building.



STRUCTURAL STEEL FOR TWENTY STORY HOBART BUILDING IN PLACE
San Francisco

Willis Polk & Co, Architects
San Francisco



ILLINOIS STATE EXHIBIT BUILDING AT PANAMA PACIFIC EXPOSITION
San Francisco

State Architect James B. Dibelka, Architect
Chicago, Ill.

Owner.....Chas. Schlesinger, Mills Bldg., San Francisco.
 Architect...Alfred H. Jacobs, 110 Sutter, San Francisco.
 Contractor...Ralston Iron Works, Inc., 29th and Indiana, S. F.
 Filed June 1, '14. Dated May 7, '14.
 2nd floor beams in.....\$6000
 4th floor beams in.....4875
 Completed.....4875
 Usual 35 days.....5250
 TOTAL C. ST. \$21,000
 Bond, \$21,000. Surety, The Aetna Accident & Liability Co. Limit, Aug. 20. Forfeited, 31.66%. Plans and specifications filed.

(1875) DRAINAGE, PLUMBING, GAS fitting and fixtures on above.
 Contractor...Scott Company, 243 Minna, San Francisco.

Filed June 1, '14. Dated May 15, '14.
 Entire work roughed in.....\$1089.50
 Completed.....544.75
 Usual 35 days.....544.75
 TOTAL COST, \$2179.00
 Bond, \$2179. Surety, National Surety Co. Limit, forfeit, none. Plans and specifications filed.

(1877) E POMONA 200 S Bay View E 100xS 100. All work except light fixtures and basement floor and rear fencing for one-story and basement frame dwelling.

Owner.....Wm. and Regina Denner, 1540 10th Ave., S. F.
 Architect...P. H. Madden.
 Contractor...P. H. Madden, 1527 Jerrold Ave., San Francisco.

Filed June 1, '14. Dated June 1, '14.
 Frame up.....\$437.60
 Brown coated.....437.50
 Completed and accepted.....437.50
 Usual 35 days.....437.50
 TOTAL COST, \$1750.00
 Bond, \$800. Surety, Massachusetts Bonding & Insurance Co. Limit, 70 days. Forfeited, none. Plans and specifications filed.

(1878) NO. 3680 JACKSON. Alterations and additions to frame residence (2 stores and attic).

Owner.....Mrs. Irene M. Roos, Prsm. Architect...J. E. Kraft & Sons, Phelan Bldg., San Francisco.
 Contractor...R. A. Chisholm, 180 Jessie, San Francisco.

Filed June 1, '14. Dated May 25, '14.
 Completed and accepted.....\$1230
 30 days after.....416
 TOTAL COST, \$1646
 Bond, \$850. Sureties, A. Lynch and Jno. McGuigan. Limit, Aug. 1, '14. Forfeited, \$10. Plans and specifications filed.

(1879) EXPOSITION SITE. All work for four buildings designated as Lasky's Photos Concessions No. 1, 2, 3 and 4.

Owner.....Postal Studio Co., Inc. Architect...Alfred Henry Jacobs, 110 Sutter, San Francisco.
 Contractor...A. Wegner, 3136 College Ave., Berkeley.

Filed June 1, '14. Dated June 1, '14.
 Frames of 4 buildings up, 1" sheathed, electric wiring roughed in and interior and exterior prepared for plastering.....\$2100
 Plastering on interior and exterior completed.....2100
 Completed.....2100
 Usual 35 days.....2100
 TOTAL COST, \$8400
 Bond, \$4200. Surety, Massachusetts Bonding & Insurance Co. Limit, none.

Forfeited, \$10. Plans and specifications filed.

(1880) NOS. 2317-2327 SACRAMENTO Painting for two frame buildings.

Owner.....R. C. Rosenberg, 2321 Sacramento, S. F.
 Architect...Carl Werner, Phelan Bldg San Francisco.
 Contractor...Wm. Schafer, 1431 Hayes, San Francisco.

Filed June 1, '14. Dated May 29, '14.
 Payments every Saturday of.....75%
 Usual 35 days.....25%
 TOTAL COST, \$1989
 Bond, \$995. Surety, W. R. Hall, Limit, as fast as possible. Forfeited, none. Plans and specifications filed.

(1881) LOT 9 BLK 10 FOREST HILL. All work for two-story and basement frame residence.

Owner.....J. S. Malloch, 110 Jessie, San Francisco.
 Architect...M. I. Schwartz, 2139 Pacific Ave., San Francisco.
 Contractor...J. S. Malloch, 110 Jessie, San Francisco.

Filed June 1, '14. Dated June 1, '14.
 Day's Labor.....\$5000
 Bond, limit, forfeit, none. Plans and specifications filed.

(1882) SW CALIFORNIA AND SAN some W 87-8x37-6. Rough and finish carpenter work for brick, terra cotta and steel building.

Owner.....Fireman's Fund Insurance Co., Insurance Exchange Bldg., San Francisco.
 Architect...Lewis P. Hobart, Crocker Bldg., San Francisco.

Contractor...W. D. Henderson, Monadnock Bldg., San Francisco.
 Filed June 1, '14. Dated May 23, '14.
 On 15th of each month.....75%
 Usual 35 days.....25%
 TOTAL COST, \$4345

Bond, \$2173. Surety, Massachusetts Bonding & Insurance Co. Limit, Nov. 20. Forfeited, \$25. Plans and specifications filed.

(1883) INTERIOR AND EXTERIOR plastering on above.

Contractor...Nic Muriale, 550 Montgomery, San Francisco.
 Filed June 1, '14. Dated May 2, '14.
 Payments same as above.....

TOTAL COST, \$6390
 Bond, \$3195. Surety, Globe Indemnity Co. Limit, Oct. 20. Forfeited, none. Plans and specifications filed.

(1884) DRIVING CONCRETE PILES on above.

Contractor...MacArthur Concrete Pile & Foundation Co.
 Filed June 1, '14. Dated April 20, '14.
 Payments same as above.....

TOTAL COST, \$4250
 Bond, \$4250. Surety, American Surety Co. of New York. Limit, June 25. Forfeited, \$10. Plans and specifications filed.

(1885) PAINTING ON ABOVE.

Contractor...Paul Agmar, 2872 California, San Francisco.
 Filed June 1, '14. Dated May 14, '14.
 Payments same as above.....

TOTAL COST, \$1450
 Bond, \$725. Surety, Maryland Casualty Co. Limit, Dec. 1. Forfeited, none. Plans and specifications filed.

(1886) LOT 74 SUB 1, Sealcliff. All work for two-story frame residence.

Owner.....W. A. Halsted, 1122 Sutter, San Francisco.

Architect...Edw. G. Bolles, 660 Market San Francisco.
 Contractor...S. A. Burn Bldg. Co., 660 Market, San Francisco.

Filed June 1, '14. Dated May 28, '14.
 1st floor joists in place.....\$3250
 Roof on.....3250
 Completed and accepted.....3266
 Usual 35 days.....3294

TOTAL COST, \$13,170
 Bond, \$6608. Surety, Southwestern Surety Ins. Co. Limit, 90 days after June 1. Forfeited, none. Plans and specifications filed.

(1887) E TREAT AVE 125 S 22nd S 30 E 106 m or 1 NE 35 m or 1 W 122-6 M B 139. All work except gas and electric fixtures, window shades, finish hardware, hardwood floors and veneered panels for one and one-half story frame building.

Owner.....E. N. Werner.
 Architect...None.
 Contractor...Jno. P. Cuneo, 263 Capp, San Francisco.

Filed June 2, '14. Dated May 22, '14.
 Frame up.....\$637.30
 Brown coated.....637.50
 Completed.....637.50
 Usual 35 days.....637.50

TOTAL COST, \$2550.00
 Bond, none. Limit, 70 days. Forfeited, none. Plans and specifications filed.

(1888) LOTS 4 AND 5 BLK 3 Crocker Amazon Tract. All work for two 2-story frame stores and flats.

Owner.....Vittorio Bolcelli, Burlingame, Cal.
 Architect...Thomas M. Edwards.
 Contractor...J. I. Mitrovich Bldg. Co., 1034 Golden Gate Ave., S. F.

Filed June 2, '14. Dated May 4, '14.
 On 1st and 15th of each month.....75%
 Usual 35 days.....35%
 TOTAL COST, \$9250

Bond, \$4625. Sureties, J. I. Mitrovich Mrs. K. Riedel and Chas. Nagel, Limit, 120 days. Forfeited, \$5. Plans and specifications filed.

NOTE—1st report May 29. Nos. 1839 and 1846.

(1889) NE FULTON AND PARKER Ave E 250xN 275. All work for boiler and fan house.

Owner.....The President and Board of Trustees of St. Ignatius College.
 Architect...Chas. J. I. Devlin, Pacific Bldg., San Francisco.

Contractor...P. J. Sullivan and E. J. Nutting (as Spencer Street Planing Mill), 50 Spencer, San Francisco.

Filed June 2, '14. Dated May 28, '14.
 On 1st and 15th of each month.....75%
 Usual 35 days.....20%
 TOTAL COST, \$2450

Bond, \$1225. Sureties, E. V. Lacey and C. J. McCarthy. Limit, 35 days. Forfeited, \$35. Plans and specifications filed.

(1890) L PACIFIC 90 E Taylor E 24xS 80. All work except gas and electric fixtures for three-story and basement frame flats.

Owner.....Maria G. Romano, 1069 Pacific, San Francisco.
 Architect...None.
 Contractor...A. Sciarroni & C. Mancini, 2125 Powell, San Francisco

Filed June 2, '14. Dated May 27, '14.
 Roof on and enclosed.....\$1950
 Brown coated.....1950
 Completed and accepted.....1950

Usual 35 days. 1950
TOTAL COST, \$7800
Bond, \$2900. Surety, Pacific Coast Casualty Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(1891) EXPOSITION SITE. All work for Wisconsin State Building.

Owner.....Panama-Pacific Exposition Commission State of Wisconsin, Germania Bldg., Milwaukee, Wis.

Architect.....R. A. Messmer & Bro., Majestic Bldg., Milwaukee, Wisconsin.

Contractor.....Pringle Dunn & Co., 338 Pine, San Francisco.

Filed June 2, '14. Dated June 2, '14. Payments of 85% as work progresses and on completion an amount together with previous payments equal to 98% of contract and on compliance with all provisions of contractBalance
TOTAL COST, \$19,000

Bond, \$10,000. Surety, Massachusetts Bonding & Insurance Co. Limit, Oct. 15. Forfeit, \$50. Plans and specifications filed.

(1892) N FILBERT 137-6 E Powell E 137-6xN 160. Excavation, reinforced concrete, tile partitions, carpentry, painting, plumbing, electrical work, etc., for basement, mezzanine and 1st floor of St. Pietro E Paolo Church.

Owner.....Roman Catholic Archbishop of S. F., 1100 Franklin, San Francisco.

Architect.....Frank T. Shea and Jno. O. Lofquist, 742 Market, S. F.

Contractor.....Louis Cereghino & Son, 6 Maynard, San Francisco.

Filed June 2, '14. Dated May 26, '14. On 1st of each month..... 75%

Usual 35 days, 25%.....\$4500
TOTAL COST, \$18,000

Bond, none. Limit, 90 days after June 9. Forfeit, \$10. Plans and specifications filed.

(1893) SW POST AND POWELL W 157-6 S 63-6 E 69-7 N 6-6 E 67-11 W 37-6. Ventilating for ball room, banquet room, cafe, club room, etc.

Owner.....Crocker Hotel Co., Shreve Bldg., San Francisco.

Architect.....Bliss & Faville, Balboa Bldg., San Francisco.

Contractor.....Pacific Fire Extinguisher Co., 507 Montgomery, S. F.

Filed June 2, '14. Dated May 29, '14. On 1st of each month..... 75%

Usual 35 days, 25%.....\$2343
TOTAL COST, \$3972

Bond, \$4686. Sureties, Winfield S. Davis and Burt L. Davis. Limit, Aug. 1 Forfeit \$50. Plans and specifications filed.

(1894) SW FORTY-FOURTH AVE & ANZA (A). All work except painting, plumbing, electric work, excavation and electrical fixtures for one-story frame residence.

Owner.....Mrs. J. E. Lewis, 44 39th Ave., San Francisco.

Architect.....C. H. Barrett, 281 Bush, San Francisco.

Contractor.....C. H. Bessett, 343 29th Ave., San Francisco.

Filed June 2, '14. Dated May 6, '14. Roof on.....\$347.50

Plastered..... 547.50

Finished..... 547.50

Usual 33 days..... 547.50
TOTAL COST, \$2190.00

Bond, \$1100. Surety, Pacific Coast Casualty Co. Limit, 90 days. Forfeit,

none. Plans and specifications filed.

(1895) NOS. 2317 AND 2327 SACRAMENTO. New plumbing system, new heating system and all work for new concrete heater room for two frame buildings.

Owner.....R. C. Rosenberg, 2321 Sacramento, San Francisco.

Architect.....Carl Werner, Phelan Bldg., San Francisco.

Contractor.....George F. Bernard, 2384 16th, San Francisco.

Filed June 2, '14. Dated June 1, '14. Plumbing and heating roughed in.....\$1355

Fixtures set and concrete heater room completed..... 1355

Completed and accepted..... 1353

Usual 35 days..... 1360
TOTAL COST, \$5425

Bond, \$2713. Sureties, J. H. Wright and C. W. Morris. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(1896) W TWELFTH AVE 125 S Anza. Two-story and basement frame dwelling.

Owner.....C. A. Hall, 1318 5th Ave., San Francisco.

Architect.....None.

Day's work..... COST, \$3000

(1897) N ROLPH 79 E Paris, Crocker Amazon Tract. Two-story and basement frame dwelling.

Owner.....Rose Kirk and A. Olson.

Architect.....None.

Contractor.....A. Olson, 289 Fell, S. F.

COST, \$2000

(1898) N ROLPH 54 E Paris, Crocker Amazon Tract. Two-story and basement frame dwelling.

Owner.....Rose Kirk and A. Olson.

Architect.....None.

Contractor.....A. Olson, 289 Fell, S. F.

COST, \$2000

(1899) N BUSH 137-6 W Hyde. Three-story and basement brick (15) apartments.

Owner.....M. S. Show, 2201 Larkin, San Francisco.

Architect.....C. O. Clausen, Hearst Bldg., San Francisco.

Contractor.....M. S. Show, 2201 Larkin, San Francisco.

COST, \$20,000

(1900) S ANZA 100 W Eleventh Ave. Two-story and basement frame dwlg

Owner.....A. T. Morris, 616 9th Ave., San Francisco.

Architect.....None.

Day's work..... COST, \$1900

(1901) S ANZA 100 E Twelfth Ave. Two-story and basement frame dwlg

Owner.....A. T. Morris, 616 9th Ave., San Francisco.

Architect.....None.

Day's work..... COST, \$1900

(1902) W TWELFTH AVE 100 S Anza. Two-story and basement frame dwelling.

Owner.....C. A. Hall, 1318 5th Ave., San Francisco.

Architect.....None.

Day's work..... COST, \$3000

(1903) W JORDAN AVE 530 N Geary. Two-story and basement frame dwlg

Owner.....Thos. Scoble, 363 14th Ave., San Francisco.

Architect.....E. E. Young, 251 Kearny, San Francisco.

Day's work..... COST, \$5000

(1904) SE HAMPSHIRE AND 21ST. Additions, alterations and repairs to dwelling.

Owner.....Thomas Ekoos, 915 Hampshire, San Francisco.

Architect.....None.

Day's work..... COST, \$2200

(1905) NW CALIFORNIA AND 15TH AVE. Two-story and basement frame dwelling.

Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.

Architect.....None.

Day's work..... COST, \$3000

(1906) N PFEIFFER 175 W Grant Ave. Two-story frame (4) flats.

Owner.....Paul Segale, 2123 Powell, San Francisco.

Architect.....Paul F. De Martini, 2123 Powell, San Francisco.

Contractor.....L. Segale, 38 Arlington, San Francisco.

COST, \$2560

(1907) NO. 1429 PALOU. Raise, alter and repair dwelling.

Owner.....Christ Gode, Premises.

Architect.....None.

Contractor.....F. A. Moore, 1800 Market, San Francisco.

COST, \$400

(1908) SE LARY AND VAN NESS. Alter front of saloon.

Owner.....James Donovan, Premises.

Architect.....None.

Contractor.....T. H. Meek Co., 1157 Mission, San Francisco.

COST, \$475

(1909) E THIRTY-FIFTH AVE 110 S Balboa. One-story and basement frame dwelling.

Owner.....C. R. Standberg, 102 Haight San Francisco.

Architect.....None.

Day's work..... COST, \$1650

(1910) NO. 323 GEARY. Minor changes for offices.

Owner.....Doctor Robb, Hearst Bldg., San Francisco.

Architect.....None.

Contractor.....G. F. Estey, Hearst Bldg., San Francisco.

COST, \$400

(1911) NO. 1315 EDDY. Repair pool room.

Owner.....H. J. Omano, Premises.

Architect.....None.

Contractor.....Ponsero Bros Stark Place near Stockton, S. F.

COST, \$400

(1912) NW ULLOA AND TWENTYNINTH AVE. Concrete foundation and underpin.

Owner.....Myrtle E. Dennis, Prem.

Architect.....None.

Day's work..... COST, \$150

(1913) NE CALIFORNIA AND DAVIS Sheet metal work for alterations and additions to building.

Owner.....A. B. Spreckels, Premises.

Architect.....G. A. Applegarth, Call Bldg., San Francisco.

Contractor.....Forrester Cornice Works, 269 Potrero Ave., S. F.

Filed June 4, '14. Dated June 1, '14. On 1st of each month..... 75%

Usual 33 days..... 25%

TOTAL COST, \$168

Bond, \$84. Surety, National Surety Co. Limit, forfeit, none. Plans and specifications filed.

(1914) **ELECTRIC WORK ON ABOVE.**
Contractor..Butte Engineering Co., 683
Howard, San Francisco.
Filed June 4, '14. Dated June 1, '14.
Payments same as above.....
ACTUAL COST plus 10%
Bond, limit, forfeit, none. Plans and
specifications filed.

(1915) **VARIOUS WORK ON ABOVE.**
Contractor..Home Manufacturing Co.,
543 Brannan, San Francisco
Filed June 4, '14. Dated June 1, '14.
Payments same as above.....
TOTAL COST, \$2316
Bond, \$1155. Surety, New England
Casualty Co. Limit, none. Forfeit,
none. Plans and specifications filed.

(1916) **STONE WORK ON ABOVE.**
Contractor..McGillvray Stone Co. 7th
and Townsend, S. F.
Filed June 4, '14. Dated June 1, '14.
Payments same as above.....
TOTAL COST, \$548
Bonds, Materialmen, \$275; owner, \$275.
Sureties, Jno. D. McGillvray and Robert
Dewar. Limit, forfeit, none. Plans and
specifications filed

(1917) **SLIDING DOORS FOR PASSEN-**
g elevator on above.
Contractor..Otis Elevator Co., Beach &
Stockton, San Francisco.
Filed June 4, '14. Dated April 9, '14.
Cash on completion.....
TOTAL COST, \$515
Bond, \$257.50. Surety, National Surety
Co. Limit, forfeit, none. Plans and
specifications filed.

(1918) **NE GEARY AND POLK E 80xN**
120. All work for five-story brick
apartment building.
Owner.....Cora W. Morton, 120 Com-
monwealth Ave., S. F.
Architect...C. H. Barrett, 381 Bush,
San Francisco.
Contractor..Chas. Wright, 25 Stockton,
San Francisco.

Filed June 4, '14. Dated June 4, '14.
On last of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$98,405
Bond, \$49,202.50. Sureties, Henry C.
Meyer and Joshua D. Isaacs. Limit, 90
days. Forfeit, \$45. Plans and speci-
fications filed.

(1919) **ON SECTION OF WATER**
Front bounded on N by new exten-
sion of Meigs's Wharf and at extreme
E of add extension E by end of
Taylor, S by Fishermen's Wharf and
on W by San Francisco Bay. All
work for frame market.
Owner.....Frank S. Fusco.
Architect...Paul J. Capurro, 1844
Powell, San Francisco.
Contractor..Louis Cereghino & Sons, 6
Maynard, San Francisco.

Filed June 4, '14. Dated June 3, '14.
Piles set and concrete floors laid, \$800
Frame and roof trusses up..... 800
Completed and accepted..... 800
Usual 35 days..... 800
TOTAL COST, \$3200
Bond, none. Limit, July 1. Forfeit, \$5.
Plans and specifications filed.

(1920) **S IRVING 32-6 E 47th Ave S**
100x E 25. All work for two-story
and attic frame flats.
Owner.....Clara Winterberg, 4538
Irving, San Francisco.
Architect...None.
Contractor..Liebert & Martinelli, 5
Woodward, San Francisco.
Filed June 4, '14. Dated June 1, '14.

Rat proofing and frame com-
pleted\$731.25
Enclosed, roof shingled and
rough plumbing done..... 731.25
Flashings on, outside painting
brick and marble work done. 731.25
Completed and accepted..... 731.25
Usual 35 days..... 975.00

TOTAL COST, \$3906.00
Bond, \$1950. Sureties, Jno. Banachow-
ski and Filade Carmignani. Limit, 90
days. Forfeit, \$10. Plans and speci-
fications filed.

(1921) **W TENTH AVE 300 N Balboa**
N 32-4xW 120 O L 293. All work for
two-story and basement frame resi-
dence.

Owner.....F. T. Stroh, 217 Drumm,
San Francisco.
Architect...Herman Barth, 12 Geary,
San Francisco.
Contractor..O. C. Holt, 359 14th Ave.,
San Francisco.
Filed June 4, '14. Dated June 3, '14.
Exterior of building sheathed, \$1770
Exterior shingled, roof done and
interior brown coated..... 1500
Completed and accepted..... 2040
Usual 35 days..... 1770

TOTAL COST, \$7080
Bond, \$3590. Sureties, Julius Nicholai-
sen and Jas. L. Dutton. Limit, 80 days.
Forfeit, \$5. Plans and specifications
filed.

(1922) **N TURK 171-10½ E Taylor E**
34-4½xN 137-6. Steam heating and
hot water system for seven-story and
basement building.

Owner.....Zellerbach-Levison Co.
Architect...None.
Contractor..Atlas Heating & Ventilat-
ing Co., 4th and Freelon,
San Francisco.

Filed June 4, '14. Dated June 2, '14.
Roughed in\$457.50
Boilers set 457.50
Completed and accepted..... 457.50
Usual 35 days..... 457.50

TOTAL COST, \$1826.00
Bond, \$915. Sureties, J. G. Kincanon
and J. B. Reite. Limit, 90 days. For-
feit, none. Plans and specifications
filed.

(1923) **SW JONES AND LOMBARD.**
Construction of Cooper School Build-
ing.

Owner.....City and County of S. F.
Architect...Houghton Sawyer, Shreve
Bldg., San Francisco.
Contractor..C. L. Wold, 132 Scott, S. F.
COST, \$80,180

(1924) **PLUMBING & GAS FITTING**
on above.
Contractor..Herman Lawson, 344 4th
Ave, San Francisco.
COST, \$6685

(1925) **ELECTRIC WIRING ON ABOVE**
Contractor..H. S. Tittle, 245 Minna,
San Francisco.
COST, \$2776

(1926) **HEATING & VENTILATING**
on above.
Contractor..J. E. O'Mara, 449 Minna,
San Francisco.
COST, \$4433

(1927) **NO. 130 POST.** Repair front
and minor changes.
Owner.....S. L. Ackerman, Premises.
Architect...Hennlan & Schwartz,
Nevada Bank Bldg., S. F.

Contractor..W. Behm & Co., 139 Oak,
San Francisco.
COST, \$500

(1928) **NW CLAY AND EAST.** Elec-
tric sign.
Owner.....Holbrook-McGuire Bldg.,
Premises.
Architect...None.
Contractor..Brumfield Elec. Sign Co.,
18 7th, San Francisco.
COST, \$50

(1929) **S WELSH 110 E Fourth.** One-
story frame shop.
Owner.....Atlas Heating & Ventilat-
ing Co., 72 Freelon, S. F.
Architect...None.
Day's work. **COST**, \$950

(1930) **NO. 1618 TURK.** Alter and re-
pair apartments.
Owner.....M. F. Gale, 149 San Jose
Ave., San Francisco.
Architect...Lewis M. Gardner, 740
Phelan Bldg., S. F.
Contractor..Geo. T. Gale, 180 Jessie,
San Francisco.
COST, \$1000

(1931) **NO. 1312 McALLISTER.** Minor
repairs to flats.
Owner.....Boyd Estate.
Architect...None.
Contractor..A. W. Bryant, 1247 9th
Ave, San Francisco.
COST, \$500

(1932) **NO. 554 FORTY-SIXTH AVE.**
Alter shop into dwelling.
Owner.....Mrs. B. W. Slayton, Prem.
Acting Architect...Robt. L. Sammons,
P. O. Box 526, S. F.
Day's work. **COST**, \$400

(1933) **NO. 1315 POLK.** Minor altera-
tions and repairs to store.
Owner.....Trevor & Co., 32 Mont-
gomery, San Francisco.
Architect...None.
Contractor..MacArthur Bros., 1560 Fell
San Francisco.
COST, \$400

(1934) **NO. 1373 CLAY.** Raise elevator
shaft.
Owner.....O. P. Steidger, Cr. Architect
Architect...O'Brien Bros., Inc., Clunie
Bldg., San Francisco.
Day's work. **COST**, \$500

(1935) **NO. 2435 MISSION.** Electric
sign.
Owner.....Clark Cabaret, Premises.
Architect...None.
Contractor..Brumfield Elec. Sign Co.,
18 7th, San Francisco.
COST, \$400

(1936) **W TWENTY-FIFTH AVE 150**
N Judah. Two-story and basement
frame dwelling.
Owner.....C. Anderson, 1249 19th Ave
San Francisco.
Architect...A. Howard Peterson, Blake
Bk., Oakland.
Day's work. **COST**, \$3000

(1937) **NO. 2299 FIFTEENTH.** Repair
and alter store.
Owner.....Maria Dallmora, 492 Doug-
lass, San Francisco.
Architect...None.
Contractor..J. A. L. MacKinnon, 455
Diamond, San Francisco.
COST, \$500

(1948) **NO. 1569 TURK.** Repair fire
damage.

Owner...Mary T. Clark, Premises.
Architect...None.
Contractor...J. Trouson, 121 5th, S. F.
COST, \$325

(1939) NO. 2118 PACIFIC AVE. Alter and change present building.
Owner...J. C. Wilson, Premises.
Architect...None.
Day's work. COST, \$1000

(1940) NO. 1175 PINE. Repair and replace boards, painting, etc.
Owner...J. J. Sullivan, Premises.
Architect...None.
Contractor...J. Eric Johanson, 60 Romona, San Francisco.
COST, \$400

(1941) NO. 2818 TWENTY-SECOND. Tear down stable and construct dwlg.
Owner...Michael Gibbons.
Architect...None.
Day's work. COST, \$800

(1942) NO. 106 EDDY. Erect mezzanine floor and shelves.
Owner...Mr. Thomas, 160 Eddy, S. F.
Architect...None.
Contractor...Edmund T. Ashby, 1055 O'Farrell, San Francisco.
COST, \$400

(1943) NO. 763 MARKET. Alter and repair store.
Owner...J. W. Stanford.
Architect...T. Paterson Ross, 310 California, San Francisco.
Day's work. COST, \$500

(1944) E GREAT HIGHWAY 220 S Cabrillo. One-story frame building.
Owner...Chas. Looff, Premises.
Architect...None.
Contractor...Wm. Looff, Premises.
COST, \$1000

(1945) NE LAIDLEY 82 E Fairmount. One and one-half-story and basement frame dwelling.
Owner...Adolph V. Laine, 201 Laidley, San Francisco.
Architect...None.
Day's work. COST, \$1500

(1946) W MOSCOW 90-6 N Geneva. One-story and basement frame dwlg.
Owner...Frank Virgilio, 2200 Jones, San Francisco.
Architect...None.
Day's work. COST, \$1125

(1947) E VALENCIA 135 N 18th. Three story frame stores and rooms.
Owner...Mrs. A. Knight, 156 Tehama, San Francisco.
Architect...Ernest Essman, 3505 24th, San Francisco.
Contractor...J. Knight, 2518 Howard, San Francisco.
COST, \$5000

(1948) W EIGHTEENTH AVE 120 N California. Two-story and basement frame (2) flats.
Owner...H. C. Keenan, 300 Webster, San Francisco.
Architect...None.
Day's work. COST, \$4750

(1949) EXPOSITION SITE. All work for Ohio State Pavilion (two-story building).
Owner...Ohio State Commission to the Panama-Pacific International Exposition.
Architect...Albert Pretzinger & Edw. P. Musselman, Reiboid Bldg. Annex, Dayton, Ohio.

Contractor...Lange & Bergstrom, Shattuck Bldg., San Francisco.
Filed June 5, '14. Dated June 4, '14.
Payments monthly of..... 80%
Usual 35 days..... 20%
TOTAL COST, \$13,980
Bond, \$21,990. Surety, Aetna Accident & Liability Co. Limit, 130 days. Forfeit, none. Plans and specifications filed.

(1950) NE FREDERICK & DELMAR. Lumber, mill work and labor required to completed apartment building.
Owner...Eugene N. Fritz, 101 Frederick, San Francisco.
Plans & Spec. by...Eugene N. Fritz.
Contractor...Callaghan Bros, 900 Clayton, San Francisco.
Filed June 5, '14. Dated June 1, '14.
As work progresses semi-monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, \$7660
Bond, limit, forfeit, none. Plans and specifications, none.

(1951) N LAKE near 17th Ave. All work for two-story and basement frame dwelling.
Owner...Jeanette G. Meyerfeld.
Architect...Milton Lichtenstein, 111 Ellis, San Francisco.
Contractor...G. G. Moren, 125 Falcon Ave., San Francisco.

Filed June 5, '14. Dated June 4, '14.
Roof on..... 1275
Brown coated..... 1275
Completed and accepted..... 1275
Usual 35 days..... 1275
TOTAL COST, \$5100
Bond, \$3550. Surety, Globe Indemnity Co. Limit, Sept. 15. Forfeit, none. Plans and specifications filed.

NOTE:—Job on N Lake 27-6 E 17th Avenue.

(1952) W DIAMOND 58 N Elizabeth. One and one-half-story and basement frame dwelling.
Owner...Chas. Grizez, 2528 Mission, San Francisco.
Architect...None.
Contractor...Roberts & Woolfrey, 3168 21st Ave., San Francisco.
COST, \$2200

(1953) E TWENTY-EIGHTH AVE 25 N Clement. Two-story and basement frame dwelling.
Owner...Eugene Donovan, 374 31st Ave., San Francisco.
Architect...Edw. F. Helms, 5th Ave. & California, S. F.
Day's work. COST, \$2000

(1954) N CUMBERLAND 200 W Guerrero. Two-story and basement frame (4) flats.
Owner...Chas. T. Gotting, 229 1/2 Noe, San Francisco.
Architect...None.
Contractor...W. Props, 1361 Gough, San Francisco.
COST, \$4000

(1955) S ST. ROSES AVE 579 W Masonic. One-story and basement frame mortar mixing plant.
Owner...Cadman-Hay, Inc., 244 Kearny, San Francisco.
Engineer...J. G. Little, 244 Kearny, San Francisco.
Contractor...J. L. McLaughlin, 244 Kearny, San Francisco.
COST, \$5000

(1956) SE HUDSON AND MENDELLE. One-story and basement frame dwlg.

Owner...John J. Ford, 801 Mendell, San Francisco.
Architect...None.
Contractor...H. A. Tissmer, 1121 Key Ave., San Francisco.
COST, \$2540

(1957) W SAN JOSE AVE 50 N Bismark. One and one-half-story and basement frame dwelling.
Owner...Wm. Dale, 95 Bismark, San Francisco.
Architect...None.
Contractor...Wm. H. Grahm, 2540 Bryant, San Francisco.
COST, \$2500

(1958) N CALIFORNIA 82-6 E Broderick. Two-story and basement frame (4) flats.
Owner...Miss Annie J. Bagge, 2872 California, S. F.
Architect...Herbert B. Maggs, 125 Alpine, San Francisco.
Contractor...Frank Neidick, 2669 Howard, San Francisco.
COST, \$8387

(1959) E ILLINOIS 120 N Merrimac. Construct steel tank tower.
Owner...Westinghouse Elec. Co., 2d and Natoma, S. F.
Architect...None.
Contractor...Pacific Rolling Mill Co., 17th & Mississippi, S. F.
COST, \$2000

(1960) SW SAN BRUNO & DWIGHTWAY. Alterations, repairs and additions to frame building.
Owner...F. G. Aschman, 3000 San Bruno Ave., S. F.
Architect...M. J. Welsh, 22nd & Mission, San Francisco.
Day's work. COST, \$3800

(1961) W TWENTY-FOURTH AVE 250 N Geary. Two-story and basement frame dwelling.
Owner...W. H. Walthall, 4301 California, San Francisco.
Architect...None.
Contractor...J. H. Phillips, 228 23rd Ave., San Francisco.
COST, \$2600

(1962) S LA SALLE 200 W Phelps. One-story and basement frame dwlg.
Owner...M. Squaglia, 1331 Le Salle Ave., San Francisco.
Architect...None.
Contractor...Chas. Olsen, 1237 Evans Ave., San Francisco.
COST, \$1485

(1963) W FOURTEENTH AVE 275 S Clement. Two-story and basement frame dwelling.
Owner...Geo. S. Nevin, 343 14th Ave San Francisco.
Architect...None.
Contractor...G. Sandberg, 120 Pierce, San Francisco.
COST, \$4750

(1964) NE CABRILLO & FORTY-SIXTH AVE. One-story and basement frame dwelling.
Owner...Giuseppe Andriano, 1461-A Vallejo, San Francisco.
Architect...None.
Contractor...A. Gigli, 1467 Vallejo, S. F.
COST, \$500

(1965) W PETERS 153-7 S Fair. Two story and basement frame dwlg.
Owner...Dan McSweeney, 493 29th, San Francisco.

June 3, 1914—N BUSH adj E Mills

San Francisco.

INCORPORATIONS.

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W P Fuller & Co. June 2, 1914
June 3, 1914—W TWELFTH AVE 50
S Anza. Alton R Lapham to whom
it may concern. May 28, 1914
June 3, 1914—S GEARY 137-6 E Mas-
son E 37-6xS 157-6. Stewart Est
Co to John G Sutton Co (2 com-
pletion notices). June 2, 1911
June 3, 1914—W TWELFTH AVE 175
S Anza. Alton R Lapham to whom
it may concern. May 28, 1914
June 3, 1914—SW MASONIC AVE &
St Roses Ave W 550xS 510. Recre-
ation Park Ass'n to Ward & Gomi-
win. May 28, 1914
June 3, 1914—E DOLORES 55-9 N
15th X 137-6xS 90. Adrienne and
Nellie Thompson to Elec Motor &
Machine Co. June 1, 1911
June 3, 1914—W HYDE 75 S Post S
39 W 56 N 40 E 36 S 1 E 20. Cam-
eron & Ossison to whom it may
concern. May 28, 1914
June 1, 1914—W SIOTWELL 80 S
15th W 60xS 30. John Rippe to F
W Lurmann. June 1, 1914
June 4, 1914—S FULTON 125 W Brod-
erick W 25xS 137-6. Leo & Gussie
Kolbe to Joshua Prout. June 4, 1914
June 4, 1914—S LAWTON (L) 71 E

10th Ave E 25xS 75. Andrew V An-
derson to whom it may concern. May 27, 1914
June 4, 1914—S TONQUIN 90 W Stel-
ner E 571.25xN 687.5 (Mines Bldg);
S Tonquin 90 W Steiner S 687.5xW
83x.12 (Transportation Bldg); S
Beach 90 W Steiner S 618.75xW
83x.12 (Manufacturers Bldg); S
Beach 90 W Steiner E 571.25xN
687.5 (Varied Industries Bldg)
Panama-Pacific International Ex-
position Co to McFell Elec Co. June 1, 1914
June 4, 1914—W TWENTIETH AVE
225 S Anza 25x120. Jeanette Yates
to whom it may concern. June 1, 1914
June 1, 1914—S BEACH 90 W Steiner
E 571.25xN 687.5. Panama-Pacific
International Exposition Co to
Frederick W Snook Co (Varied In-
dustries Bldg). June 1, 1914
June 4, 1914—S BEACH 55 E Brod-
erick E 886.87xS 618.75. Panama-
Pacific International Exposition Co
to Frederick W Snook Co (Liberal
Arts Bldg). June 1, 1914
June 4, 1914—S MARKET 250 W 5th
No. 933 Market. Haw Soon & Chun
Show to Brandt & Stevens. June 3, 14

June 4, 1914—NW BLUXOME 125 SW
4th SW 75xNW 120. Edith D Creede
to W A Goericke. June 1, 1914
June 4, 1914—S TONQUIN 55 E Brod-
erick E 886.87 to center Scott x S
687.5. Panama-Pacific International
Exposition Co to Lange & Berg-
strom (Agriculture Bldg). June 1, 1914
June 5, 1914—BROADWAY NOS. 519-
521. E Camera to D Francesconi
June 5, 1914—N CUMBERLAND 70 W
Guerrero W 22-6xN 89. E P Peterson
to John J Binet Co. June 5, 1914
June 5, 1914—SE SUTTER & JONES
S 100 E 100 N 100 W 72. Starr &
Larsen to Smith & Johnson. June
1; Pacific Mfg Co. May 25, 1914
June 5, 1915—SE SUTTER & JONES
S 100xE 72. Starr & Larsen to
Forderer Cornice Wks. May 6, 1914
June 4, 1914—W SPEAR & HOWARD
NW 137-6xSW 68-9. Orville C
Pratt Jr to John G Sutton Co. June
27, 1914
June 4, 1914—W TWENTIETH AVE
200 E Anza 25x120. Jeanette Yates
to whom it may concern. June 1, 1914

LIENS FILED.

San Francisco.

May 29, 1914—SW VAN NESS AVE &
Sutter S 60xSW 109-9. Kiernan &
O'Brien vs Automobile Club of S
F and Rosa V Morbio. \$304.04
May 29, 1914—EXPOSITION SITE.
Allan G Ramsay vs Panama-Pacific
International Exposition Co and
McLeran & Peterson. \$90
May 29, 1914—SW SUTTER & VAN
Ness Ave W 169xS 120. National
Mill & Lumber Co vs Automobile
Club of S. F. \$125
May 29, 1914—E TWENTIETH AVE
326 S Judah S 25xW 120. John F
Haner vs Mary Jane Sullivan. \$47
June 2, 1914—NW NAPLES 150 NE
Brazil Ave NE 25xNW 100 Blk 47.
Excel Hld. D Goldstein vs Estate
Pietro Travi, Mrs M Travi or Mary
T avi or Maria Travi and G Pic-
colotto. \$127.50
June 2, 1914—SE EDINBURGH 150
NE Brazil Ave NE 25xSE 100 Excl
Hd Blk 47. D Goldstein vs Estate
Pietro Travi, Mrs M Travi or Mary
Travi or Maria Travi. \$20
June 3, 1914—S LINCOLN WAY 57-6
W 15th Ave W 35xS 120. Hard-
wood Interior Cos vs L H Hansen,
M P Hansen, Golden Gate Park
Home Bldg Ass'n, Martin O'Don-
nell, H Moheim and Sol Getz & Sons
\$50
June 3, 1914—SW VAN NESS AVE &
Sutter W 169-9xS 60. J Picoli vs
Rosa V (wf C S) Morbio and Auto-
mobile Club of S. F. \$70.20
June 3, 1914—S TONQUIN 55x127 W
Devisadero W 575xS 725. James
Cantley, \$2142; Lange & Berg-
strom, \$18,825.94. Forderer Cornice
Works, \$2077.60; Taylor & Co, \$2400
W P Fuller & Co, \$10,265.55 vs
Panama-Pacific International Ex-
position Co and Neil A McLean. \$50
June 3, 1914—N FRANCISCO 130 W
Grant Ave (Dupont) W 22-11xN
68-9. L A Hufschmidt vs K C and
Maggle Gardner. \$75.50
June 4, 1914—S PAGE 140 E Fillmore
E 25xS 130. M Streeter vs Wm
Hencke and G W Glosser. \$167.80
June 4, 1914—S TONQUIN 55x127 W
Devisadero W 575xS 725. William
Stewart Co vs Panama-Pacific

International Exposition Co and
Nell A McLean.....\$1212.40
June 4, 1914—S TONQUIN 356.127 W
Devisadero W 575xS 725. Pope &
Talbot vs Panama-Pacific International
Exposition Co and Nell A Mc-
Lean.....\$10,047.61
June 4, 1914—NW NAPLES 150 NE
Brazil Ave NE 25xNW 100 BK 47,
Excl Hnd. F A Heltzman vs Maria
Travi, Estate Pietro Travi, decd.; A
B Frank, Adm Est Pietro Travi.....\$153.28

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE—2 story and base, frame, \$4,000. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, Mrs. Jenks. The dwelling has been designed for an eight-room house with bath and sleeping porch and will be erected in the Hoyd Tract. Interior will be finished in pine and some hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

BUNGALOW—1 story and base, frame, \$3,000. Oakland, Cal. Architects, United Home Builders, 1762 Broadway, Oakland. The dwelling has been designed for a six-room house, and will be erected on Haddon Road north of Excelsior avenue. Interior finish will be mostly of pine. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have the wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

BUNGALOW—1 story and base, frame, \$2,000. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, Mr. McCauley. The dwelling has been designed for a five-room house with bath and sleeping porch, and will be erected in the Melrose District. Pine and redwood finish will be used. There will be some oak floors. A large open fire place will be a feature of the living room. Mantel will be of tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with shingles. Plans are being prepared and when complete the work will be done by Day Labor.

RESIDENCE—1½ story and base, frame, \$12,000. Piedmont, Alameda Co., Cal. Architects, Milwain Bros., Dolger Bldg., Oakland. Owner, Mrs. E. E. Stelle. The dwelling will be erected on Park Way at the corner of Monte avenue and has been designed to contain ten rooms, three baths and sleeping porches. A large private garage will be erected on the rear of the property. Interior of the house will be finished in pine and hardwoods with hardwood and inlaid floors in the principal rooms. There will be a central heating system, probably hot

water, and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile and equipped with showers. Automatic water heaters will be installed. Exterior of both the dwelling and garage will be covered with shingles. Plans are complete and the work has been started by Day Labor.

RESIDENCE—2 story and base, frame, \$3,000. Alameda, Alameda Co., Cal. Architect, H. H. Keys, Central Bank Bldg., Oakland. Owner, Charles Fisher. The dwelling will be erected at the corner of Lincoln avenue and Hibbard street, and has been designed to contain six rooms and bath. Interior will be finished in pine throughout. Hardwood floors will be used in the living room and dining room. There will be furnace heat and open fire places. Mantels will be of tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$3,500. San Leandro, Alameda Co., Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owners, Huff Estate. The dwelling has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared and when complete the work will be done by Day Labor.

RESIDENCE—1½ story and base, frame, \$3,500. Berkeley, Alameda Co., Cal. Architect, H. H. Guttererson, 80 Post street, S. F. Owner, Mr. Penningman. The dwelling will be erected in Berkeley Heights, and has been designed for a six-room house with bath and sleeping porch. Interior finish will be of pine and elm panels with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have the wainscot and will be equipped with showers. Exterior of the dwelling will be covered with shingles and shiplap. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$3,500. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, S. J. Rankin. The dwelling will be erected on the Haddon Road and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and redwood. Hardwood floors and beam ceilings will be used. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and a shower. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor under the direction of the architects. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$1,000. Berkeley, Alameda Co.,

Cal. Architect, H. H. Guttererson, 80 Post street, S. F. Owner, John Howell. The dwelling will be erected in North Berkeley, and has been designed for a seven-room house with two baths and sleeping porch. Interior finish will be largely of pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile floor and wainscot. Exterior of the house will be covered with shingles. Plans are now being prepared.

APARTMENT HOUSE—2 story and base, frame. Cost not stated. Oakland, Cal. Architect, Erwin Schaefer, Plaza Bldg., Oakland. Owner, Joseph Bauer. The building will be erected on West street between 35th and 37th streets, and will cover a considerable ground area. There will be a total of eight apartments of three rooms each. Interior will be finished in pine and elm. Some hardwood floors will be used. There will be a central heating system and a hot water supply. Portable vacuum cleaners will be installed. All suites will have private bath rooms and wall beds. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared and when complete work will be done by Day Labor.

CHURCH—1 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Eugene K. Martin, 2192 Shattuck avenue, Berkeley. Owners, First Baptist Church of Berkeley. The building will be erected at the corner of Dana and Haste streets and will cover a considerable ground area. There will be the main auditorium. Sunday school rooms and a pastor's study. Interior finish will be of pine and redwood with some ornamental plaster in the main auditorium. Plans provide for a central heating system. Art glass will be used. Exterior of the building will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for within a few days.

PLATS—3 story and base, frame, \$12,000. Oakland, Cal. Architect, none. Owner, John Dempniak, 1658 Washington street, S. F. The building will be erected near the corner of 10th and Grove streets, and has been designed to contain eight flats of four and five rooms. Interiors will be finished in pine, redwood and elm. Some hardwood floors will be used. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

CITY HALL LIGHTING FIXTURES—Cost not stated. Oakland, Cal. Architects, Palmer, Hornbostel & Jones, City Hall, Oakland. Owners, City of Oakland. Only two sets of figures were received for furnishing and installing the lighting fixtures in the new City Hall. The Roberts Mfg. Co., of San Francisco, bid \$6,350, and the Maxwell Hardware Co., of Oakland, bid \$6,995. Bids were referred to the Commission of Public Works.

HOTEL ALTERATIONS—3 story, frame, \$5,000. Architect, W. H. Rath Jr., First National Bank Bldg., Berkeley, Owner, A. J. Weeks. The building, located at the northwest corner of Telegraph avenue and Bancroft Way, will undergo extensive alterations. The first floor will be rearranged for seven stores and upper floors will have new interior finish, plastering and plumbing. New electrical work will also be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

SCHOOL DORMITORY—2 story and base, brick and steel. Cost not stated. Oakland, Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids opened on June 2 by the State Board of Control show H. A. Klyce of San Francisco low at \$11,330 for constructing the new dormitory building for the Industrial School for the Adult Blind. He will probably secure the contract. A complete list of the bids as opened will be found under the heading of Oakland and Alameda County in this issue.

SCHOOL PLUMBING—Cost not stated. Oakland, Cal. Architect, J. J. Donovan, City Hall Bldg., Oakland. Owners, City of Oakland. Plans and specifications are now complete for the rough and finished plumbing to be installed in the Garfield School, Emerson School, and the Manual Training and Commercial High School. Bids for this work will be opened on June 16th by the Board of Education. Plans and specifications can be secured from the architect.

RESIDENCE—2 story and base, frame, \$4,200. Piedmont, Alameda Co., Cal. Architects, Thomas & Oliver, Pantazes Bldg., Oakland. Owner, Alfred Cord, 609 Walla Vista avenue, Piedmont. The dwelling will be erected in Nova Piedmont, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will be finished in tile and equipped with a shower. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

STORES—1 story and base, brick, \$5,000. Berkeley, Alameda Co., Cal. Architect, Alvin J. Stern 1512 Broadway, Oakland. Owner, W. Greuner. The building will be erected at the corner of University and San Pablo avenues, and has been designed to contain three modern stores. Interior finish will be of pine throughout. Patent store fronts and plate glass windows will be installed. Exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor. Materials are now being purchased through the architect.

Contracts Awarded.

STORES AND LOFTS—3 story and base. Class A construction, \$60,000. Oakland, Cal. Architect, C. W. Dickman, Central Bank Bldg., Oakland. Owners, Nellie E. Blood, Jessie L. Appleton and Alliance Land. Contractor, P. J. Walker, Monadnock Bldg., S. F. Contract price, \$60,000. Note: Subfigures are now being taken on the work.

Lighting Fixtures For Oakland City Hall.

Roberts Mfg. Co. of San Francisco Low Bidder—Bids Referred to Commission of Public Works.

Only two bids were received by the Oakland City Council for lighting fixtures for the new City Hall. The Roberts Mfg. Co. of San Francisco bid \$6,350 and the Maxwell Hardware Co. of Oakland bid \$6,995. Bids were referred to the Commission of Public Works.

Bids For Building School For Blind.

H. A. Klyce Low For Constructing Dormitory Building For School For Adult Blind, Oakland.

(By Special Wire).

SACRAMENTO, CAL., June 2nd, 1914.—Twenty sets of figures were opened by the State Board of Control at their Tuesday meeting for the construction of a brick and steel dormitory building for the Industrial School for the Adult Blind at Oakland. H. A. Klyce of San Francisco was the lowest bidder at \$11,330 and will probably be awarded the work.

Dormitory Building, Oakland.

H. A. Klyce.....	\$11,330
L. G. Burgen & Son.....	41,660
Robinson & Place.....	42,500
Lester H. Stock.....	43,500
C. Davis & Son.....	43,700
Fluth & Morton.....	46,877
William A. Newsum.....	41,238
C. F. Fischer.....	41,650
Fred Bros.....	42,975
W. H. H. Rickon.....	46,500
Alfred Olson.....	46,702
Lewis A. Hicks Co.....	48,945
Monson Bros.....	49,737
C. D. MacInyre.....	49,773
Hugo Nelson & Co.....	49,790
Bluxome & Co.....	49,995
Continental Fireproof Co.....	50,000
W. D. Henderson.....	50,973
Louis Coreghino.....	52,000
Arthur Aclitt.....	60,950

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Amount
1387	Smith	Sommarstrom	7250
1388	Pacific G & E Co., Owner		2400
1389	Gomez	Christiansen	3000
1391	United Bldgs	Owner	800
1392	City Hall	Littlefield	66729
1393	Seemans	Seemans	2000
1394	Morgenson	Morgenson	1800
1395	Arno	Arno	2500
1396	Selby	Selby	1800
1397	Wiser	Wiser	1000
1401	Cushing	Grosbe	2000
1402	MacNeur	Patrick	2140
1403	Murphy	McGregor	2000
1404	Petersen	Bertelsen	2000
1414	Breen	Dexter	2000
1406	Landell	Landell	450
1407	Munro	Murcell	500
1408	Boardman	Egner	500
1409	Klein	Gardner	500
1411	Merrill	Michelson	1600
1413	Woodburn	Woodburn	2000
1414	Lekas	Bay City	2000
1415	Tieburg	Okla Bldg	400
1419	Magerstaedt	Gulleben	3142
1420	Rudolph	Egner	2254
1421	Loverzen	Almuist	3000
1422	Muller	Larmer	2270

1423	Dutke	Larsen	1720
1425	Hutchinson	Hutchinson	500
1426	Renard	Nelson	2800
1427	Oakland Bank	McPhee	2000
1428	Oakland	Thornalley	5450
1429	Roberts	Roberts	1800
1430	Andre	Nielsen	425
1431	Herman	Herman	1500
1432	Blood	Maestretti	2392
1433	MacNeur	Patrick	2300
1435	Weyer	Murdoch	400
1437	Daily	Daily	400
1438	Blood	Walker	2500
1439	Wilson	Wilson	6000
1440	Randall	Randall	3200
1441	Day	Bullock	3200

(1387) N E-SIXTEENTH 75 E Third Ave., Oakland. Two-story 12-room flats.

Owner.....Theresa Smith, E-16th, bet. 4th and 5th Ave., Oakland.

Architect.....None.

Contractor.....Sommarstrom Bros., 35

Rose Ave., Oakland.

COST, \$7250

(1388) COR. GROVE AND CITY SEAWall, Oakland. Rebuild brick bldg.

Owner.....Pacific Gas & Elec. Co.

445 Sutter, San Francisco.

Architect.....None.

Day's work.

COST, \$2400

(1389) S CHAPMAN 182 E 23rd Ave.,

Oakland. One-story 4-room dwlg.

Owner.....Manuel Gomez, 2821 Boehmer, Oakland.

Architect.....None.

Contractor.....Christiansen, 1932

Irving Ave., Oakland.

COST, \$600

(1391) E HADDON ROAD 50 N Ex-

celisor Ave., Oakland. One-story 5-

room dwelling.

Owner.....United Home Bldrs., 1762

Broadway, Oakland.

Architect.....None.

Day's work.

COST, \$3000

(1392) FOURTEENTH & WASH-

ton, Oakland. Cabinet work and set-

ting in New City Hall.

Owner.....City of Oakland.

Architect.....None.

Contractor.....R. W. Littlefield, 609 Sycamore, Oakland.

COST, \$66,729

(1393) E LINWOOD AVE 255 S

Hampel, Oakland. One-story 6-room

dwelling.

Owner.....Edgar P. Seemans, 1126

Marin Ave., Albany.

Architect.....None.

Day's work.

COST, \$2000

(1394) S ARLINGTON AVE 80 W Los

Angeles, Oakland. One-story 5-room

dwelling.

Owner.....Morgensen Bros., 551 63rd,

Oakland.

Architect.....None.

Day's work.

COST, \$1800

(1395) W MANILA AVE 159 N Cavour

Oakland. One-story 6-room dwelling

Owner.....Fred Orno & Sons, 2228

11th Ave., Oakland

Architect.....None.

Day's work.

COST, \$2500

(1396) E HIGHLAND AVE opp E-25th

Oakland. One-story 5-room dwlg.

Owner.....H. E. Selby, 2500 Highland

Ave., Oakland

Architect.....None.

Day's work.

COST, \$1800

(1397) W COLE 200 N Ynacio, Oak-

land. One-story 6-room dwelling.

Owner.....G. J. Wiser, 5043 Ygnacio Ave., Oakland.

Architect...None.

Day's work. COST, \$2600

(1401) LOT 98 Map Piedmont-by-the-Lake, Oakland. All work for two-story and basement frame dwelling.

Owner.....Henry D. Cushing, 1219 Brush, Oakland.

Architect...Milwain Bros., Delger Bldg., Oakland.

Contractor...P. J. Grosse, 3070 Chapman, Oakland.

Filed June 2, '14. Dated June 2, '14.

Frame up and chimneys built... 1/4

Brown coated... 1/4

Completed and accepted... 1/4

Usual 35 days... 1/4

TOTAL COST, \$6000

Bond, \$3000. Surety, Southwestern

Surety Ins. Co. Limit, 100 days. For-

feit, none. Plans and specifications

filed.

(1402) LOT 7 BLK 9 Putnam Tract,

Oakland. All work for one-story

and basement six-room dwelling.

Owner.....Robert and Elizabeth

MacNeur, 2502 E-15th, Okd

Architect...None.

Contractor...The Patrick-Nelson Bldg.

Co., 2011 Shattuck Ave.,

Berkeley.

Filed June 2, '14. Dated May 29, '14.

Frame up... 1/4

1st coat plaster on... 1/4

Completed... 1/4

After completion... 1/4

TOTAL COST, \$2140

Bond, none. Limit, 70 days. Forfeit,

none. Plans and specifications filed.

(1404) W OCCIDENTAL 140 S 59th,

Oakland. One-story 5-room dwlg.

Owner.....E. C. Petersen, 667 39th,

Oakland.

Architect...None.

Contractor...S. J. Bertelsen, 473 Newton

Ave., Oakland.

COST, \$2000

(1405) W THIRTY-EIGHTH 350 N

Carrington, Oakland. One-story 5-

room dwelling.

Owner.....Robt. T. Breen, 1318 Brush,

Oakland.

Architect...None.

Contractor...A. R. Dexter, 2212 Grove,

Oakland.

COST, \$2000

(1406) S "D" 33 E 87th Ave., Oakland.

One-story 4-room dwelling.

Owner.....E. Landell, 8704 "D," Okd.

Architect...None.

Day's work. COST, \$450

(1407) W VIOLA 150 S Porter, Oak-

land. One-story 3-room dwelling.

Owner.....Mrs. E. Munro, Los Angeles

Architect...None.

Contractor...A. E. Murcell, 3839 Red-

dington, Oakland.

COST, \$500

(1408) N THIRTEENTH 50 E Wash-

ington, Oakland. Alterations.

Owner.....Boardman Estate, Oakland

Architect...None.

Contractor...Boehrer & Legault, Delger

Bldg., Oakland.

COST, \$550

(1409) NO. 725 THIRTY-SEVENTH

Oakland. Fire repairs.

Owner.....G. A. Klein, 727 37th, Okd.

Architect...None

Contractor...E. J. Gardner, 964 34th,

Oakland.

COST, \$500

(1411) E RICHMOND BLVD. 135 S

29th, Oakland. One-story 4-room

dwelling.

Owner.....J. Merrill, Alameda.

Architect...None.

Contractor...J. C. Michelson, 444 Moss

Ave., Oakland.

COST, \$1600

(1413) W PARK BLVD. 59 N Wellin-

ton, Oakland. One-story 5-room

dwelling.

Owner.....Paul E. Woodburn, 3965

Greenwood Ave., Oakland.

Architect...None

Day's work. COST, \$2000

(1414) NO. 1206 WASHINGTON, Oak-

land. Alterations.

Owner.....J. M. Lekas, Premises.

Architect...None.

Contractor...Bay City Cabinet Co., 1050

5th, Oakland.

COST, \$2000

(1415) N LAKE PARK AVE 150 E

Walker Ave., Oakland. Garage.

Owner.....C. M. Lieburg, Bacon Bldg.,

Oakland.

Architect...None.

Contractor...Oakland Bldg. Co., Secur-

ity Bank Bldg., Oakland.

COST, \$400

(1419) NO. 945 KIRKHAM, Oakland.

All work for two-story addition of

store and flat to frame building.

Owner.....Caroline Magerstaedt, 945

Kirkham, Oakland.

Architect...None.

Contractor...Gutleben Bros., Monad-

nock Bldg., San Francisco

Filed June 4, '14. Dated June 2, '14.

Brown coated...\$1342

Completed...1000

Usual 35 days...800

TOTAL COST, \$3142

Bond, none. Limit, 60 days. Forfeit,

none. Plans and specifications filed.

(1420) W KINGSLAND AVE 166 N

Trask, Oakland. One-story 5-room

dwelling.

Owner.....A. W. Rudolph, Berkeley.

Architect...None.

Contractor...Flesser & Winlund, 307

Plaza Bldg., Oakland.

COST, \$2284

(1421) W E-THIRTY-FOURTH 50 S

Park Blvd., Oakland. Two-story 8-

room dwelling.

Owner.....E. Lovegren, 14 Croxton

Ave., Oakland.

Architect...None.

Contractor...J. Almqvist, 14 Croxton

Ave., Oakland.

COST, \$3600

(1422) NE ELLIOTT AND THIRTY-

third, Oakland. One-story five-room

dwelling.

Owner.....T. F. Muller, 470 Edwards,

Oakland.

Architect...Clay N. Burrell, Albany

Bldg., Oakland.

Contractor...Ed Larmer, 470 Boulevard

Way, Oakland.

COST, \$2270

(1423) MASONIC AVE, bet Marin and

Dartmouth, being Lots 58 and 59 Blk

7 Tract 4, Regents Park, Albany. All

work for one-story dwelling.

Owner...R. Duttke Jr., 1122 18th, Okd

Architect...None.

Contractor...John Larsen, Berkeley.

Filed June 4, '14. Dated June 1, '14.

Frame up... 1/4

Plastered... 1/4

Completed... 1/4

Usual 35 days... 1/4

TOTAL COST, \$1720

Bond, \$900. Sureties, National Surety

Co. Limit, 60 days from June 1. For-

feit, none. Plans and specifications filed

(1425) N BANK TIDAL CANAL 1000 E

Fruitvale Ave bridge, Oakland.

Rock bunkers.

Owner.....Hutchinson Co., 12th and

Franklin, Oakland.

Architect...None.

Day's work. COST, \$500

(1426) NO. 315 THIRD AVE., Oakland.

Alterations.

Owner.....P. C. Renard, Premises.

Architect...None.

Contractor...Chas. Nelson, 3452 Cham-

pion, Oakland.

COST, \$3800

(1427) BROADWAY near 12th, Oak-

land. Alterations.

Owner.....Oakland Bank of Savings,

Premises.

Architect...Walter D. Reed, Oakland

Bank of Savings, Okd.

Contractor...A. J. McPhee, 2144 E-27th,

Oakland.

COST, \$2000

(1428) E FORTY-FIFTH AVE 10 N

Bond, Oakland. Two-story 5-room

police station.

Owner.....City of Oakland.

Architect...John J. Donovan, Security

Bank Bldg., Oakland.

Contractor...W. G. Thornalley, 3027 E-

16th, Oakland.

COST, \$5450

(1429) W BROADWAY 1000 W Col-

lege Ave., Oakland. One-story 5-r

room dwelling.

Owner.....E. J. Roberts, 1394 Masonic

Ave., San Francisco.

Architect...None.

Day's work. COST, \$1800

(1430) NO. 928 SIXTIETH, Oakland.

Alterations.

Owner.....Mrs. Marie Andre, Prem.

Architect...None.

Contractor...Jno. F. Nielsen, 917 62nd,

Oakland.

COST, \$425

(1431) W THIRTY-NINTH AVE 160 N

Carrington, Oakland. One-story 5-

room dwelling.

Owner.....O. H. Herman, 2173 39th

Ave., Oakland.

Architect...None.

Day's work. COST, \$1500

(1432) N FOURTEENTH 100 W Clay

N 103.70xW 50, Oakland. Excavat-

ing for three-story and basement

Class "A" store and loft bldg.

Owner.....Nellie E. Blood, Jessie L.

Appleton and Alliance Land

Co., acting through Agent

P. J. Walker Co., Monad-

nock Bldg., S. F.

Architect...C. W. Dickey, Central

Bank Bldg., Oakland.

Contractor...Maestretti & Younger,

Filed June 5, '14. Dated June 5, '14.

1st and 15th of each month.... 25%

36 days after... 25%
TOTAL COST, \$2292
Bond, \$1150. Surety, Fidelity & Deposit Co. Limit, June 29. Forfeit, none
Plans and specifications filed.

(1433) E TWENTY-THIRD AVE 240
N E-30th, Oakland. One-story six-room dwelling.
Owner.....Robert and Elizabeth Mae
Near, 2442 23rd Ave., Okd.
Architect...None.
Contractor.....Patrick-Nelson Bldg. Co.,
2011 Shattuck Ave., Bkly.
COST, \$2300

(1435) COR. RAIL ROAD AVE AND
Louisiana, Oakland. Wind mill and
tank frame.
Owner.....P. Weyer, Premises.
Architect...None.
Contractor.....L. W. Murdock, 1310 Web-
ster, Oakland.
COST, \$400

(1436) E CALIFORNIA 100 S Ashby,
Berkeley. One-story 5-room dwlg.
Owner.....J. H. Edelen, 1828 7th, Okd.
Architect...None.
Contractor.....C. J. Pfrang, 5487 Clare-
mont Ave., Oakland.
COST, \$2350

(1437) E RICHMOND BLVD., Oakland
Garage.
Owner.....F. H. Dally.
Architect...None.
Day's work. COST, \$400

(1438) N FOURTEENTH 100 W Clay,
Oakland. Three-story and basement
Class "A" store and loft building.
Owner.....Nellie E. Blood, Jessie L.
Appleton & Alliance Land
Co., Cr. R. M. Wright, 218
Bk. of San Jose Bldg., S. J.
Architect...C. W. Dickey, Central Bk.
Bldg., Oakland.
Contractor.....P. J. Walker, Monadnock
Bldg., San Francisco.
COST, \$50,000

(1439) E EIGHTY-SIXTH AVE 40 S
Colby, Oakland. One and one-half-
story 8-room dwelling.
Owner.....Roy Wilson, 1455 86th Ave.
Oakland.
Architect...None.
Day's work. COST, \$2500

(1440) N EVANS 200 W Everett Ave.,
Oakland. Two-story 7-room dwlg.
Owner.....Sumner Randall, 129 1st
Ave., Oakland.
Architect...None.
Day's work. COST, \$3200

Building Contracts Awarded.

Berkeley.

No.	Owner	Contractor	Amt.
1390	Madison	Madison	3000
1398	Weeks	Weeks	4000
1399	Lamb	Lamb	15000
1400	Lewis	Allen	7025
1410	National	Van Sant	6000
1412	Dunn	Manley	2400
1424	Gilbert	Gilbert	400
1434	Edelen	Pfrang	2350
1436	Edelen	Pfrang	2350

(1390) S EL DORADO 248 W Hopkins,
Berkeley. Two-story 8-room dwlg.
Owner.....Mary O. Madison, 2905
Deaklin, Berkeley.
Architect...None.
Contractor.....C. R. Madison, 2905 Deaklin
Berkeley.
COST, \$3000

(1398) NW TELEGRAPH AVE AND
Bancroft Way, Berkeley. Alter 3-
story frame hotel; alter 1st story to
stores.
Owner.....A. J. Weeks, 2225 23rd Ave
Oakland.
Architect...W. H. Ratcliff Jr., 1st Na-
tional Bank Bldg., Bkly.
Day's work. COST, \$4000

(1399) E COLLEGE AVE 50 S Haste,
Berkeley. Two-story 24-room apart-
ments.
Owner.....E. R. Lamb, 1126 Poplar,
Oakland.
Architect...None.
Day's work. COST, \$15,000

(1400) LOT 7 BLK 5 Claremont Park
Berkeley. All work for two-story
and basement frame dwelling.
Owner.....Annie H. Lewis, Berkeley.
Architect...Chas. H. Bebb, 503 Denny
Bldg., Seattle.
Contractor.....F. E. Allen, 3133 Market,
Oakland.
Filed June 2, '14. Dated May 26, '14.
Frame up 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$7025
Bond, \$5000. Surety, Fidelity & De-
posit Co. Limit, forfeit, none. Plans
and specifications filed.

(1403) S ASHBY 150 W California,
Berkeley. One-story 5-room dwlg.
Owner.....John Murphy.
Architect...None.
Contractor.....C. M. McGregor, 470 13th,
Oakland.
COST, \$2000

(1410) W SHATTUCK AVE 75 S Ban-
croft, Berkeley. Gasline Supply
station.
Owner.....National Supply Stations,
Inc., 24th and Broadway,
Oakland.
Architect...None.
Contractor.....Van Sant-Houghton Co.,
503 Market, San Francisco.
COST, \$600

(1412) LOT 2 BLK 5 Map San Pablo
Park, Berkeley. All work for one-
story dwelling.
Owner.....F. M. Dunn, 40 Monte Vista
Ave., Oakland.
Architect...None.
Contractor.....C. M. Manley, 1131 Arch.
Berkeley.
Filed June 3, '14. Dated March 26, '14.
Frame up 1/4
Enclosed 1/4
Rough plastered 1/4
Completed and accepted 1/4
TOTAL COST, \$2400
Bond, limit, forfeit, none. Plans and
specifications filed.

(1424) NO. 1434 HEARST AVE. Ber-
keley. Alterations and additions.
Owner.....C. L. Gilbert, Premises.
Architect...None.
Contractor.....Thos. H. Gilbert, 2027
Hearst Ave., Berkeley.
COST, \$400

(1434) S ASHBY 60 E California, Ber-
keley. One-story 5-room dwelling.
Owner.....J. H. Edelen, 1828 7th, Okd.
Architect...None.
Contractor.....C. J. Pfrang, 5487 Clare-
mont Ave., Oakland.
COST, \$2350

(1411) W COLLEGE AVE. bet Chan-
ning Way and Haste, being Lots 3
and 4 Bell Property, Berkeley. Mov-
ing two dwelling and repairing them
Owner.....Clinton and Grace Wake-
field Day, 2747 Bancroft
Way, Berkeley.
Architect...None.
Contractor.....A. F. and O. M. Bullock,
1952 Broadway, Oakland.
Filed June 5, '14. Dated June 5, '14.
Payments not given.....
TOTAL COST, \$—

Bond, limit, forfeit, none. Specifications
filed.

Building Contracts Awarded.

Alameda.

No.	Owner	Contractor	Amt.
1416	Erickson	Erickson	2000
1417	White	Clark	500
1418	Strang	Strang	1600

(1416) E LINCOLN — W Benton, Ala-
ameda. One-story 5-room dwelling.
Owner.....Johnson & Erickson, 1610
Benton, Alameda.
Architect...None.
Day's work. COST, \$3000

(1417) NO. 2217 SANTA CLARA AVE.,
Alameda. Addition to dwelling.
Owner.....Chas. H. White, Premises.
Architect...None.
Contractor.....R. F. Clark, 2214 1/2 Santa
Clara Ave., Alameda.
COST, \$500

(1418) NO. 1709 HIRBARD, One-
story 5-room dwelling.
Owner.....V. N. Strang, 1521 Ninth,
Alameda.
Architect...None.
Day's work. COST, \$1600

COMPLETION NOTICES.

ALAMEDA COUNTY.

May 29, 1914—4 MILES FROM TP OF
Pleasanton, Alameda Co. J Witt
Doughterty to Lamont & Millar.....
.....May 23, 1914
May 29, 1914—PTN LOT 1 BLK "A"
Map Piedmont Knoll, Okd. L J
Burgk to I Johnson.....May 19, 1914
June 1, 1914—LOT 27 BLK 22 Map
North Cragmont Tract, Oakland Tp.
Frank A and Dorothy M Brown to
Patrick Nelson Bldg Co.....May 29, 1914
June 1, 1914—LOT 26 BLK "H" Map
Broadway Terrace, Okd. C E Sin-
clair to whom it may concern.....
.....May 25, 1914
June 2, 1914—LOT 12 BLK "M" Map
Northbrae Terrace, Bkly. Berkeley
Development Co to Mason McDuffie
Co.....May 29, 1914
June 2, 1914—N DAMUTH 400 E
Fruitvale Ave 50x120, Okd. H
Westdort to C W Reed.....June 2, 1914
June 3, 1914—W BROADWAY 125 N
Birnie N 25xW 127-5, Okd. B & M
Clanciarulo to Western Iron Wks
.....June 3, 1914
June 4, 1914—SE GILMAN & STEIN-
age, Bkly. Olof Larsen to John
Kringlen.....May 23, 1914
June 5, 1914—NE REDWOOD and
Pleasanton Roads Ne 3.93 ch NW
4.11 ch SW 3.37 ch SE 6.15 ch, Okd.
J T Brennan to R F Buckman.....
.....June 2, 1914
June 5, 1914—LOT 27 Map Piedmont
Terrace-by-the-Lake, Okd. Frank
F Lewis to Fred Peters.....June 4, 1914
June 5, 1914—LOT 60 Map Park View
Tract No. 2, Oakland Tp. George

J. Wallace to Joseph Neal. June 4, 1914—LOT 24 BLK 1, Thousand Oaks, Oakland Tp. J. H. Spring and George Friend to Spring Construction Co. June 4, 1914 June 5, 1914—LOT 24 BLK 20 Map of Blocks 20, 21, 22, 23, 24, Thousand Oaks, Oakland Tp. Clarabel C. Ailing to H. W. McIntire. June 1, 1914 434.78 NE 38th NE 42.71 SE 119.46 SW 22.95 NW 113.50, Okd. Thomas Dowdell to J. P. Silva. June 3, 1914 June 5, 1914—LOT 9 BLK "V" 973 Map No. 1 Sub Ptn Central Oakland, being No. 3921 Webster, Okd. Leo A. Fietz to Sullivan Bros. June 4, 1914

LIENS FILED.

ALAMEDA COUNTY.

June 1, 1914—LOT 21 Sbdvn "A" Thermal Rancho, being Ptn Sec 8 T 4 S R L E 5.38 acres, Sunol Tp. Geo Bender vs E O Heine. \$63.20 June 2, 1914—LOT 4 BLK 9 Map Claremont, Bkly. Contra Costa Bldg Materials Co vs Richard Law, E D McKee, Bay City Bldg Co, H K and J C Bowman. \$351.68 June 3, 1914—LOT 4 BLK 9 Map Claremont, Bkly. John W. Hodges, \$462.80; Oscar Sellers, \$1111.85; Tilden Lumber Co, \$168 vs Bay City Bldg Co, G D Patterson, H K and J C Bowman. \$343.75 June 3, 1914—LOT 4 BLK 9 Map Claremont, Bkly. Berkeley Lumber Co vs Bay City Bldg Co, H K and J C Bowman and G D Patterson. \$343.75 June 5, 1914—NW EIGHTY-SIXTH Ave 60 NE Dowling Ave th along NW line 56th Ave 50xNW 100, Okd. F E Gold vs Grace Hammond and Gerald L Abell. \$110.60

SAN JOSE & SANTA CLARA CLARA VALLEY.

RESIDENCE—3 story and base, reinforced concrete, \$250,000 to \$300,000. Hillsborough, San Mateo Co., Cal. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, Harriette Pullman Carolan. The dwelling will be erected on the Carolan Estate and will be fireproof throughout. Occupying the center of large grounds which will be laid out in formal gardens, the dwelling will be one of the handsomest homes on the peninsula. Interior finish will be largely of hardwoods. Hardwood and inlaid floors will be used extensively. There will be a central heating system, vacuum cleaning and a hot water supply. Elevator service and dumb waiters will be installed. All bath rooms will be finished in tile. There will be open fire places and tile and marble mantels. A garage, stables and kennels will also be erected on the property. A contract for the excavating and reinforced concrete work has been awarded ea the Clinton Fireproofing Co., Mutual Bank Bldg., S. F., for \$42,350. Plans for the other parts of the work will be out for figures shortly.

RESIDENCE—1 and 2 story, and base, frame. Cost not stated. San Jose, Santa Clara Co., Cal. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: I. G. Cook, 850 North Miller street, 1 story six-room cottage, \$2,000; Lewis Co., 445 South 3rd street, 1 story five-room house, \$1,500, and Mrs.

Emma S. Yender, 226 South 23rd street, 1 story four-room cottage, \$300.

BRIDGES—Timber and reinforced concrete. Cost not stated. San Jose and Hollister, Santa Clara and San Benito Co., Cal. Engineers, County Surveyors of Santa Clara and San Benito Counties. The counties of San Benito and Santa Clara have arrived at an understanding in the joint county bridge matter, and plans have been ordered prepared by the two County Surveyors for the Sargents bridge over the Pajaro River which will cost \$18,000, and for a bridge over the San Felipe River near the Dunne ranch. Bids will be called for shortly.

Contracts Awarded.

BRIDGE—Steel and reinforced concrete, \$60,508. Soledad, Monterey Co., Cal. Engineer, County Surveyor, Salinas. Owners, Monterey County Contractors, W. N. Concannon Co., Monadnock Bldg., S. F. Contract price, \$60,508.

BRIDGE WORK AT SAN JOSE.

John Doyle Will Construct Reinforced Concrete Bridge Over Penetencia Creek, San Jose.

A contract has been awarded to John Doyle, of San Jose, for \$1,881 for constructing a reinforced concrete bridge over Penetencia Creek, San Jose. Plans were furnished by County Surveyor J. G. McMillan. The following bids were received:

Penetencia Bridge Work.

R. H. Jamison, Santa Clara, \$2,272
Casley & Hamilton, San Jose 2,343
L. M. Scott, San Jose, 1,985
W. L. Gillham & Son, S. J., 2,625
W. H. Otto, San Jose, 2,858
John Dolye, San Jose, 1,881

BUILDING CONTRACTS.

SAN MATEO COUNTY.

LOT 28 BLK 35, Easton Addition No. 2 to Burlingame. All work for one and one-half-story frame building. Owner, Pieter & Lucile E. Frankhuizen, San Francisco.

Architect...None.
Contractor, John Drewes, S. F.
Filed May 20, '14. Dated May 19, '14.
Rough frame completed.....\$750
Building enclosed.....750
Completed and accepted.....750
Usual 35 days.....750
TOTAL COST, \$3000
Bond, none. Limit, 80 working days after May 19. Forfeit, none. Plans and specifications filed.

WILLOW BROOK FARM, Portola. All work except grading, finish hardware and electric light fixtures for one-story and towers frame stable and farm buildings.

Owner, Herbert Edward Law, Monadnock Bldg., S. F.
Architect...George A. Schastey, Monadnock Bldg., S. F.
Contractor, Louis Delbel, S. F.
Filed May 20, '14. Dated May 12, '14.
Completion of concrete foundation work and semi-monthly thereafter.....75%
Usual 35 days.....25%
TOTAL COST, \$3600
Bond, none. Limit, 50 working days after May 12. Forfeit, none. Plans and specifications filed.

UPLANDS. Concrete and cement work for gardens.

Owner, C. Templeton Crocker, Hillsborough.
Architect...Willis Polk & Co., Merchants' Exchange Bldg., San Francisco.

Contractor, Floodberg & McCaffery, Monadnock Bldg., S. F.
Filed May 23, '14. Dated May 16, '14.

On 15th of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$3934

Bond, \$2000. Surety, Pacific Coast Casualty Co. Limit, Aug. 1. Forfeit, \$10. Plans and specifications filed.

LOT 12 BLK 19, Lomita Park. All work except electrical fixtures and hardware (owner being allowed \$50 from contract price) for one-story shingle dwelling.

Owner, E. D. Painter, Merced, Cal.
Architect...R. C. Stickley, San Mateo.
Contractor, R. C. Stickley, San Mateo.
Filed May 20, '14. Dated April 30, '14.
Frame up and roof on.....\$462.50
1st coat plaster on.....462.50
Completed and accepted.....462.50
Usual 35 days.....462.50
TOTAL COST, \$1850.00

Bond, \$925. Sureties, H. A. Bewley and H. Loose. Limit, 70 working days after date of recording. Forfeit, none. Plans and specifications filed.

HILLSBOROUGH. All work for two-story frame plaster and tile residence. Owner, Henry Darnham, Hillsborough.

Architect...Lewis P. Hobart, 1122 Crocker Bldg., S. F.
Contractor, James T. Johnson, John E. Branagh & Thos. A. Cuthbertson, 442 14th, S. F.

Filed May 28, '14. Dated May 25, '14.
On 15th of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$16,900

Bond, \$4550. Surety, Pacific Coast Casualty Co. Limit, Nov. 1. Forfeit, \$20 per day. Plans and specifications filed.

NOTE:—\$325 added to total cost if outside piping is done.

"CAROLANDS." Hillsborough. Excavation, foundation and reinforced concrete work for three-story and basement reinforced concrete residence.

Owner, Harriette Pullman Carolan, Hillsborough.
Architect...Willis Polk & Co., Merchants' Exchange Bldg., San Francisco.

Contractor, Clinton Fireproofing Co. of California, Mutual Bank Bldg., San Francisco

Filed June 1, '14. Dated May 26, '14.
On 15th of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$42,350

Bond, \$21,175. Surety, Globe Indemnity Co. of New York. Limit, Sept. 1, 1914. Forfeit, \$25 per day. Plans and specifications filed.

ON THE "ISLAND." Redwood City. All work for alterations, changes, additions for one-story frame gymnasium. Owner, Horace Hawes Gymnasium Committee, Redwood City.

Architect...Donnelly & Waller, Redwood City.
Contractor, Donnelly & Waller, Redwood City.

Filed June 3, '14. Dated June 3, '14.
75% of work done and materials

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San Francisco

furnished as work progresses...\$630
Usual 35 days 25%..... 210
TOTAL COST, \$840
bond, \$420. Surety, American Surety Co. of New York. Limit, interior by June 19, and the balance as soon as possible. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
June 2, 1914---POPULAR & HURLINGHAM Aves. Sub No. 1, San Mateo Park. Leona Jones Richardson (Mrs. Elr H) to William S Leadley.....July 2, 1913
June 3, 1914---LOT 14 BLK 9 Lomita Park Sub No. 3, San Mateo. Frederick W and Anna M Dorothy Helms to O E Evans.....June 1, 1914
June 3, 1914---LOT 8 BLK 21 Map of Crocker Estate Tract Sub No. 1, San Mateo. Carl A Anderson to Edward Anderson.....June 2, 1914
May 29, 1914---BERESFORD. The Beresford Country Club to The John G Sulton Co.....May 23, 1914
May 29, 1914---LOT 4 BLK 21 Crocker Tract. Arthur G Duncan to L L Allen.....May 23, 1914
May 29, 1914---UPLANDS. Charles T Crocker to Cavanagh & Vezina.....May 23, 1914

RELEASE OF LIENS.

SAN MATEO COUNTY.

RECORDED AMOUNT
May 21, 1914---COUNTY ROAD near Second Ave. St. Matthew's Red Cross Hospital. The Watson Mantel & Tlie Co to Thos W Alton and John Doe.....\$222

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESIDENCE --- 1 story and base, frame, \$2,500. Richmond, Contra Costa Co., Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owners, Abbott and Chinnock. The dwelling has been designed for a six-room house with bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place with tile mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared

and when complete the work will be done by Day Labor.

HOSPITAL DAIRY BUILDINGS --- \$16,985. Napa, Napa Co., Cal. Architect, State Architect George E. McDougall, Sacramento. Owners, State of California. Bids opened on June 3rd by the State Board of Control show H. A. Klyce of San Francisco low at \$16,985. He will probably be awarded the contract. A complete list of these bids will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

Dairy Building At Napa State Hospital.

H. A. Klyce of San Francisco Low Bidder For Work. Eight Bids Received In All.

(By Special Wire.)

SACRAMENTO, CAL., June 3rd, 1914. ---The Board of Control opened bids today for constructing Dairy Buildings at the Napa State Hospital. Eight sets of figures were opened, the lowest being the bid of H. A. Klyce of San Francisco for \$16,985. A contract will probably be awarded to him. The following is a complete list of the bids as opened:

Dairy Buildings at Napa.

H. A. Klyce.....	\$16,985
C. W. Doughty.....	17,625
Louis Cereghino & Son.....	18,500
McSheehy Bros.....	19,292
W. A. Newsom.....	19,649
R. S. K. MacMillen.....	19,938
Monson Bros.....	20,200
Alfred O. Nelson.....	20,463

BUILDING CONTRACTS.

CONTRA COSTA COUNTY.

LOT 11 BLK 99 Am and Map of City of Richmond. Concrete work, iron work, brick walls, artificial stone work, carpentry, joinery, plumbing, hardware, sheet metal work, glazing, etc., for one-story brick Record and vault building.

Owner.....Richmond Abstract & Title Co., Richmond.

Architect.....None.

Contractor.....Carl Overaa, Richmond.

Filed May 23, '14. Dated May 19, '14.

Ceiling joists in place...\$ 733.33 1/4

Plastering completed... 733.33 1/4

Completed and accepted... 733.33 1/4

Usual 35 days..... 1450.00

TOTAL COST, \$3668.00

E. H. Williams Chalmer Munday

Munday & Williams

Attorneys-at-Law

Special Attention Given to Building
Law and Bankruptcy Cases

Telephone Kearny 2622

615 Phelan Building, San Francisco

Bond, \$1840. Sureties, Ole Tohlason & Juergen Dnuus. Limit, 60 days. Forfeit, \$10 per day. Plans and specifications filed.

SECTIONS 29, 24 T 1 N R 2 E AND Sections 19, 20, 21, 22 and 23 T 1 N R 3 E M D B and M. To complete and install fences and gates and tear down existing fence and construct out of materials thereof a new fence upon property.

Owner.....East Contra Costa Irrigation Company.

Engineer...A. Kempkey.

Contractor...Standard Fence Co., 310

12th, Oakland.

Filed May 21, '14. Dated May 20, '14.

Progressive payments equal to

75% payable at end of each month

Usual 35 days..... 25%

TOTAL COST, \$2000

Bond, \$2000. Surety, Fidelity & Deposit Co. of Maryland. Limit, Aug. 1.

Forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS.

CONTRA COSTA COUNTY.

FIRST STREET, Richmond. One-story dwelling.

Owner.....P. M. Sanford, Richmond.

Architect...W. J. Cuthbertsen, 328

Montgomery, S. F.

Day's work. COST, \$1200

LIENS FILED.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
May 28, 1914---A STRIP 200 FT. lying 100 feet on each side of center line running from E to W of Sec Nos. 19, 20, 21, 22 T 1 N R 3 E M D B & M. Ralph Crowther vs Balfour Guthrie & Co and Charles Nott.....\$217.75

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED ACCEPTED
June 3, 1914---SAN ANSELMO, Marin Co. Emily Thomas to Taylor & Co

.....June 1, 1914

June 1, 1914---FAIRFAX HEIGHTS,

Marin Co. The Rocca Land Co (a

corp) to A F Hanson.....June 1, 1914

June 2, 1914---SEQUOIA PARK, Marin

Co. Hugh and Margaret Driscoll

to Watson Bros.....June 1, 1914

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

BRIDGE—Steel and concrete, \$27,000. Visalia, Tulare Co., Cal. Engineer, County Surveyor Byron Lovelace, Visalia. Owners, Tulare County. County Surveyor Byron Lovelace is preparing plans and specifications for a new steel bridge to be erected over Kings River near Dinuba. The cost of the structure is estimated at \$27,000. Bids will be called for shortly.

RESIDENCE—2 story and base, frame, \$14,000. Fresno, Fresno Co., Cal. Architect, E. Mathewson. Forsythe Bldg., Fresno. Owner, Arthur Goodfellow. The dwelling will be erected in the Hazelwood Tract, and has been designed for a fourteen-room dwelling with several baths and sleeping porch. Interior will be finished in pine with some elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Bath rooms will be finished in tile and will be equipped with showers. Automatic water heaters will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being revised and figures will be called for shortly.

PASSENGER STATION—2 story and base, reinforced concrete. Cost not stated. Modesto, Stanislaus Co., Cal. Architect, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. The building will be designed in the Mission style of architecture and will provide for two waiting rooms, office and baggage room. Interior finish will be of pine throughout. There will be a central heating system, probably steam heat with an oil-burning plant. Modern plumbing and electric work will be installed. Exterior of the building will be faced with cement plaster. A clay tile roof will be used. Plans are complete and figures will be called for shortly.

BRIDGES—Steel and timber. Cost not stated. Madera County, Cal. Engineer, County Surveyor F. E. Smith, Madera. Owners, Madera County, Contractors, Williston & Son, Tobin steel bridge at Raymond. Contract price, \$6,142. Edward Layne, Madera, timber bridge at Gertrude. Contract price, \$1,484. A complete list of the figures submitted will be found under the heading of Fresno, Stanislaus and Central California in this issue.

Contracts awarded.

STREET PAVING—\$54,000. Dinuba, Tulare Co., Cal. Engineer, City Engineer, Dinuba. Owners, City of Dinuba. Contractors, Ransome-Crummey Co., Oakland. Contract price, \$54,000.

Bids Opened For Two Madera Co. Bridges.

County Supervisors Award Contracts For Timber Structure and Steel and Concrete Bridges.

Bids were opened by the Board of Supervisors of Madera County for the construction of two bridges; one a timber bridge and the other a steel and concrete structure. Plans were prepared by County Engineer F. E. Smith

of Madera. Williston & Son of Tobin, were awarded the steel bridge at Raymond for \$6,142 and Edward Layne, Madera, was awarded the timber bridge at Gertrude for \$1,484. The following bids were received:

Timber Bridge at Gertrude.	
Williston & Son, Tobin.....	\$2,191
O. Parlier, Tulare.....	1,822
A. J. Wood, Raymond.....	1,487
Ed. Layne, Madera.....	1,484
Steel and Concrete Bridge at Raymond.	
Williston & Son, Tobin.....	\$6,142
O. Parlier, Tulare.....	6,274
S. M. Kearns, Long Beach.....	8,500
Ross Con. Co., Sacramento.....	6,722
Security Constr. Co.....	7,890
W. N. Concannon, S. F.....	7,864
J. E. Little, Fresno.....	6,690

BUILDING CONTRACTS.

FRESNO COUNTY.

LOTS 11, 12, 13 N 30 FEET LOT 14 BLK 64. Fresno. Excavation and concrete work for theatre building. Owner.....T. C. White, Fresno. Architect...Foulkes, DeCamp & Boller Fresno. Contractor...Trehwhitt - Shields Co., Fresno. Filed June 2, '14. Dated May 27, '14. Upon completion 75% Usual 35 days..... 25% **TOTAL COST, \$7800** Bond, \$2900. Surety, Fidelity & Casualty Co. of New York. Limit, 30 working days. Forfeit, none. Plans and specifications filed.

LOTS 29 TO 32 BLK 75. Fresno. All work for one-story brick garage. Owner.....The Granz Estate, Fresno. Architect...E. Mathewson, Fresno. Contractor...Emmett Higgins, Fresno. Filed June 1, '14. Dated May 27, '14. 75% cost of labor and materials used, paid when iron work set 25% cost of labor and materials in place each 14 days after until completion 75% Upon completion remaining 75% **TOTAL COST, \$12,675** Bond, \$6350. Surety, Fidelity & Deposit Co. of Maryland. Limit, 50 working days. Forfeit, none. Plans and specifications filed.

PTN OF E 1/4 OF SW 1/4 OF SW 1/4 OF Sec 8, 13, 20, Fresno. All work for three frame dwellings. Owner.....Glenn G. Mutt, Fresno. Architect.....None. Contractor...H. E. Miller & W. D. Smith Fresno.

Filed June 4, '14. Dated May 11, '14. Construction of frames..... 25% Dwellings enclosed 25% Completion of buildings 25% 36 days after..... 25% **TOTAL COST, \$3600** Bond, \$1800. Sureties, J. A. Wyatt and Henry Spierlein. Limit, 60 days. Forfeit, \$1 per day. Plans and specifications filed.

COMPLETION NOTICES.

FRESNO COUNTY.

RECORDED **ACCEPTED** May 28, 1914—SW 1/4 OF SEC. 4, 20-16, Fresno, Cal. Oilfields, Ltd. to Liweliwin Iron Works (2 storage tanks)May 21, 1914

LEAS FILED.

FRESNO COUNTY.

RECORDED **AMOUNT** May 28, 1914—LOTS 31 AND 32 BLK 48, East Fresno. Mechanics Planning Mill vs. J. H. Fugate and wife.....\$188.50

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

RESIDENCES—1, 1 story and base, frame, \$3,500 each. Sacramento, Cal. Architect, none. Owner, E. A. Pierce, Forum Bldg., Sacramento. These houses will be erected on adjoining property in York Court and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Automatic water heaters will be installed. Bath rooms and kitchens will have tile wainscot. Exteriors will be covered with cement plaster on metal lath and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor Materials are now being purchased.

RESIDENCES—1 and 2 story and base, frame. Cost not stated. Sacramento, Cal. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: H. M. Earle, 2028 Magnolia avenue. 2 story six-room house, \$2,500. I. L. Johnson, 1219 33rd street, 1 story five-room house, \$1,700, and O. H. Moore, 2902 35th street, 1 story five-room house, \$1,500. Materials are now being purchased.

JAIL CONSTRUCTION—2 story and base, reinforced concrete. Cost not stated. Red Bluff, Tehama Co., Cal. Architect, R. A. Herold, Sacramento. Owners, Tehama County. The following bids were opened by the Board of Supervisors for the construction of the new County Jail:

Jail Building.

W. M. Concanon Co.\$26,977 Mathews Const. Co. 28,700 Keating & Holt 27,150 Telchert & Ambrose 26,690

Steel Cells and Jail Bars.

Ralston Iron Works\$36,212 Hawley Jail Co. 22,022 W. C. West Co. 21,963

Bids were taken under advisement until Friday, June 12th.

HOSPITAL DAIRY BUILDING—Reinforced concrete, \$11,550. Stockton, San Joaquin Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. H. A. Klyce of San Francisco presented the lowest bid for constructing new dairy buildings at the Stockton State Hospital and will probably be awarded the contract. A complete list of the figures received by the State Board of Control will be found under the heading of Sacramento, Stockton and Northern California in this issue.

GAS HOLDER AND TANK—Cost not stated. Talmage, Mendocino Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids received on June 1st by the State Board of Control for this work show the Western Pipe and Steel Co. of San Francisco low at \$5,285. They will probably be awarded the contract. A complete list of the

figures received will be found under the heading of Sacramento, Stockton and Northern California in this issue.

SCHOOL ADDITION—1 story and base, brick. Cost not stated. Stockton, San Joaquin Co., Cal. Architects, Stone & Wright, 24 South California street, Stockton. Owners, City of Stockton. Plans have been completed for a four-room addition to the present building located at the corner of Washington and Monroe streets. Interior will be finished in pine. There will be a warm air system of heating, oil burning furnace. Metal tile and tar and gravel roof is specified. Exterior of the building will be covered with cement plaster. Plans are complete and figures are being taken.

SCHOOL HEATING SYSTEMS—Cost not stated. Stockton, San Joaquin Co., Cal. Architects, Stone and Wright, 24 South California street, Stockton. Owners, City of Stockton. Bids are now being called for furnishing and installing warm air heating systems with oil burning furnaces in all of the new Stockton school buildings. Plans and specifications can be secured from the architects. Bids will be opened in about a week or ten days.

SCHOOL—1½ story and base, frame, \$15,000. Sacramento, Cal. Architect, C. C. Cuff, Sacramento. Owners, North Sacramento School District. Plans are now being prepared for a new building to be erected in the Haglins-Grant Tract. There will be four class rooms and an assembly hall. Interior finish will be of pine and redwood. Maple floors will be used in the class rooms. Plans provide for a warm air system of heating, modern school plumbing and blackboards. Exterior of the building will be covered with cement plaster on metal lath. Bids will be called for as soon as plans and specifications can be completed.

RESIDENCE—2 story and base, frame, \$5,000. Sisson, Shasta Co., Cal. Architect, James W. Planché, Acheson Bldg., Oakland. Owner, Dr. Burnett. The dwelling has been designed for a seven-room house and will include the doctor's office. Interior finish will be of pine throughout. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

BRIDGE—Steel and reinforced concrete, \$60,000. Yuba City, Butte Co., Cal. Engineer E. L. Cope Yuba City. Owners Butte County. The Butte County Board of Supervisors accepted the plans and specifications for the Butte Slough bridge at Yuba City as prepared by E. L. Cope. Bids will be received on June 29th. The bridge will be of the reinforced concrete type, 1250 feet long and has been estimated to cost \$60,000. Full particulars can be secured from the County Clerk of Butte County.

FIRE HOUSE—2 story and base, concrete and frame. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, City Engineer Compton, Stockton. Owners, City of Stockton. The building will be erected on property recently purchased on California street between Jefferson and Jackson streets. Plans provide for room for engine and apparatus equipment on the first floor

and living quarters for the men on the second floor. Interior will be finished in pine and redwood. There will be steam heat and a hot water system. Bath rooms will be equipped with showers. Exterior of the building will be faced with cement plaster. Special electrical work will be specified. Plans are now being prepared.

POWER PLANT—1 story, reinforced concrete. Cost not stated. Fall River, Shasta Co., Cal. Engineer's name not given. Owners, California Power and Manufacturing Co. Charles E. Kormel has arrived at Fall River, Shasta County to superintend the construction of the California Power station. A 400 horse power plant will be installed at the present time, but the company has water rights giving an available 100,000 horse power, which will be developed shortly.

Contracts Awarded.

SCHOOL—2 story and base, brick, \$30,000. Chico, Butte Co., Cal. Architect, Chester Cole, Chico. Owners, Oakdale School District. Contractor, E. D. Sharp, Chico, general construction only. Contract price, \$29,335.

PUMPING PLANT MACHINERY—\$35,790. Reclamation District No. 1001. Sutter Co., Cal. Engineer's name not given. Owners, Reclamation District No. 1001. Contractors, The Electric and Machine Equipment Co., Stockton. Contract price, \$35,790.

Bid On Dairy Buildings At Stockton Hospital.

H. A. Klyce Low for Work at Stockton State Hospital—Only Three Bids Were Received.

(By Special Wire.)

SACRAMENTO, June 4, 1914—Only three sets of figures were received, by the State Board of Control today for the construction of Dairy Buildings at the Stockton State Hospital, H. A. Klyce of San Francisco presented the low figure at \$11,590. The other figures follow:

Dairy Buildings, Stockton.

H. A. Klyce	\$11,590
L. G. Burgren	17,670
William A. Newsom	19,666

No formal award was made but the low man will undoubtedly be awarded the contract.

Bids Opened For Jail At Red Bluff.

Four Sets of Figures Received For Reinforced Concrete Building, Tichert & Ambrose Low.

(By Special Wire.)

RED BLUFF, Tehama Co., Cal., June 1th, 1914.—Bids were opened by the Board of Supervisors for the construction of a new reinforced concrete jail building designed by Architect R. A. Herold of Sacramento. Tichert & Ambrose, Sacramento, were the low bidders at \$26,690. No contract was awarded, but action will probably be taken Friday. Following is a complete list of bids as opened:

Red Bluff Jail.

W. N. Concannon, San Francisco	\$26,977
Mathews Constr. Co., Sacramento	28,700
Tichert & Ambrose, Sacramento	26,690
Keating & Holt, San Francisco	27,150

Award Contract For Oakdale School.

Six Bids Received For Two-story School on Revised Plans. E. D. Sharp Awarded Work.

The Board of Education of Chico has awarded a contract for the construction of the new Oakdale School to E. D. Sharp of Chico at \$29,335. The new building will be a two-story and basement brick building designed by Architect Chester Cole. The following bids were received:

Oakdale School.

E. D. Sharp, Chico	\$29,335
Peterson & Wilson, S. F.	29,852
Welsh Bros., Oakland	30,951
Graham & Jensen, S. F.	30,400
I. C. Evans, Marysville	30,878
O. F. Fischer, S. F. (Bid received late, not opened)	29,950

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

NO. 95 YOERK COURT, Sacramento & Florence Ave., near Schley, Sacramento. One-story 6-room frame dwlg. Owner, E. A. Pierce, Forum Bldg., Sacramento.
Architect, None.
Contractor, E. A. Pierce, Forum Bldg., Sacramento. **COST, \$35,000**

NO. 93 YOERK COURT, Sacramento & Florence Ave., near Schley, Sacramento. One-story 6-room frame dwlg. Owner, E. A. Pierce, Forum Bldg., Sacramento.
Architect, None.
Contractor, E. A. Pierce, Forum Bldg., Sacramento. **COST, \$23,000**

NO. 91 YOERK COURT, Sacramento & Florence Ave., near Schley, Sacramento. One-story 6-room frame dwlg. Owner, E. A. Pierce, Forum Bldg., Sacramento.
Architect, None.
Contractor, E. A. Pierce, Forum Bldg., Sacramento. **COST, \$32,500**

NO. 89 YOERK COURT, Sacramento & Florence Ave., near Schley, Sacramento. One-story 6-room frame dwlg. Owner, E. A. Pierce, Forum Bldg., Sacramento.
Architect, None.
Contractor, E. A. Pierce, Forum Bldg., Sacramento. **COST, \$32,500**

NO. 87 YOERK COURT, Florence Ave. near Schley, Sacramento. One-story 6-room frame dwelling. Owner, E. A. Pierce, Forum Bldg., Sacramento.
Architect, None.
Contractor, E. A. Pierce, Forum Bldg., Sacramento. **COST, \$32,500**

K. L. 3RD AND 4TH STS., Nos. 316-318 K St., Sacramento. Remodel brick

building and make three-story lodging house and store.
Owner.....F. E. Wright and Jas. H. Donnelly, 1421 11th St., Sacramento.
Architect...None.
Contractor...Barton & Hife, 181 L St., Sacramento.
COST, \$1600

ELVERTA, Sacramento Co. Frame building.
Owner.....William Britt, 3718 Magnolia, Sacramento.
Architect...None.
Contractor...A. Miller.
Filed June 1, '14. Dated June 1, '14.
COST, \$1260

LOTS 12, 13 BLK 31, Oak Park, Sacramento. Erect building.
Owner.....The Sacramento Bank, 431 J St., Sacramento.
Architect...None.
Contractor...Wm. C. Keating, 1729 11th St. and H. S. Holt, Ochsen Bldg., Sacramento.
Filed June 3, '14. Dated —.
COST, \$20,030

LOT 30 OF NEW ERA PARK E ½ of Lot 2, C. D. 25th and 26th Sts., Sacramento. One-story and basement house.
Owner.....P. Gallagher and Della Gallagher.
Architect...None.
Contractor...Schluckner & Thomas, 2019 24th, Sacramento.
Filed June 3, '14. Dated June 1, '14.
COST, \$2050

7851 H. J. GOETHE CO. Sub 78, Tuolumne Ave., bet Sutter and Upper Stockton Road, Sacramento. One-story 5-room frame dwelling.
Owner.....D. B. Vernon, 2904 Upper Stockton Road, Sacramento.
Architect...None.
Contractor...D. B. Vernon, 2904 Stockton Ave., Sacramento.
COST, \$350

S ½ of N ½ LOT 1, T. U. 21TH AND 25th Sts., No. 2007 24th St., Sacramento. Move dwelling and place on new foundation.
Owner.....Ella M. Briggs, 21st & T Sts., Sacramento.
Architect...None.
Contractor...G. E. Hook, Howe Appmts. Sacramento.
COST, \$700

W 20 FEET LOT 3, K. L. 4TH AND 7TH Sts., No. 1164 K St., Sacramento. Remodel dwelling making 2 stories, (5 rooms and bath).
Owner.....F. Conks, Premises.
Architect...None.
Contractor...G. E. Hook, 718 18th St., Sacramento.
COST, \$500

LOT 2 BLK 14 South Sacramento Oak Park, Madrone Ave., bet 34th and 35th Sts., Sacramento. One-story frame public garage.
Owner.....W. T. Foster, 35th and Cypress, Sacramento.
Architect...None.
Contractor...Aden W. Campbell, 2405 J St., Sacramento.
COST, \$2000

LOT 1501 Elmhurst Cor. Elmhurst Ave and California Boulevard, Sacramento. One-story 6-room frame dwlg.
Owner.....A. Schmoll, 612 M St., Sacramento.
Architect...None.

Contractor...Albert E. Hargrave, 801 H St., Sacramento.
COST, \$2500
W ¼ OF S ¼ LOT 1, G. H. 24TH AND 25th Sts., No. 715 24th St., Sacramento. Addition to present dwelling.
Owner.....A. R. Tabor, Premises.
Architect...None.
Contractor...John Morrell, 1002 X St., Sacramento.
COST, \$500

LOT 281 Wright & Kimbrough Add'n. 14, Upper Stockton Road near Ridge Ave., Sacramento. One-story five-room hollow tile terra cotta dwlg.
Owner.....Jos. M. Tuchfarher, 3708 York Ave., Sacramento.
Architect...None.
Day's work.
Filed May 29, '14. Dated —.
COST, \$2000

LIENS FILED.

SACRAMENTO COUNTY.

RECORDED AMOUNT
June 3, 1914—LOT 4, J. K. 4TH AND 5th Sts., Sacramento. Vulcan Iron Works vs Marsh Investment Co. \$800
June 3, 1914—LOT 4, J. K. 4TH AND 5th Sts., Sacramento. Ralston Iron Works vs Marsh Investment Co and Ransome Concrete Co. \$1918.51
June 3, 1914—LOT 4, J. K. 4TH AND 5th Sts., Sacramento. John A. Roehling Sons Co. \$1049.85. Electric Railway & Manufacturers' Supply Co. \$39.43 vs Marsh Investment Co, Ransome Concrete Co and A E Brooke Ridley
June 3, 1914—LOT 4, J. K. 4TH AND 5th Sts., Sacramento. D Zelinsky vs Marsh Investment Co and Ransome Concrete Co. \$1812.95
May 29, 1914—W ½ LOT 5, V. W. 29th and 20th Sts., Sacramento. H G Hecker vs H F Carstens. \$16.50

LOS ANGELES AND SOUTHERN CALIFORNIA.

ICE RINK—1 story, steel and reinforced concrete, \$100,000. Los Angeles, Cal. Architect, Ernest Horstman, 1 W. Hellman Bldg., L. A. Owners, the Jefferson Grand Arena Co. The building will be erected at the corner of Jefferson street and Grand avenue, covering an area of 300 by 181 feet. There will be a main rink of 85 by 214 feet with benches and concession stands. Interior will be finished in pine. Roof will be carried on steel trusses. Plans include complete ice making machinery. Exterior will be faced with cement plaster. Plans are now being prepared.

HOTEL—4 story and base, brick and steel. Cost, not stated. Los Angeles, Cal. Architects, Theo A. Eisen & Son, Wilcox Bldg., L. A. Owner, I. L. Levy. The building will be erected on the west side of Figueroa street south of Pico, having a frontage of 95 feet and a depth of 111 feet. There will be five stores besides the hotel lobby on the first floor. Upper floors provide for a total of 84 guest rooms and 10 baths. Interior will be finished in pine throughout. Plans provide for steam heat, elevator service, a hot water system and patent electric fronts. Bath rooms will be finished in tile and will have composition floors. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

SCHOOL—2 story and base, rein-

forced concrete, \$50,000. San Fernando, Los Angeles Co., Cal. Architects, Austin & Pennell, Wright and Callender Bldg., L. A. Owners, Morningside School District. The building will contain eight standard size class rooms, assembly hall, domestic science and manual training departments, principal's office, teachers' rooms and library. Interior will be finished in pine. There will be a central heating system, oil-burning plant, modern school plumbing, program clocks and a vacuum cleaning system. Maple floors will be used in the class rooms. Composition blackboards are specified. Exterior of the building will be faced with cement plaster. A clay tile roof will be used. Plans are now being prepared.

COLLEGE—3 story and base. Class C construction. Cost not stated. Los Angeles, Cal. Architects, Richards-Neustadt Co., Wright and Callender Bldg., L. A. Owners, University of Southern California. The building will be erected at the corner of Los Angeles and 16th streets, covering an area of 80 by 140 feet. There will be offices, clinic rooms, lecture rooms, class rooms and laboratories. Interior will be finished in pine. Metal lath and plaster partitions are specified. Plans provide for steam heat. Exterior of the building will be faced with cement plaster trimmed with artificial stone. Plans are complete and figures are being taken by Prof. L. E. Ford, Los Angeles Investment Bldg., L. A.

APARTMENT HOUSE ALTERATION—Cost not stated. San Bernardino, San Bernardino Co., Cal. Architect, Anthony Binner, 133 3rd street, San Bernardino. Owner, Mrs. Bertha Rolfe. The work will consist of extensive alterations to a two-story frame building located at 570 D street. There will be new interior finish, partitions, plumbing and electric work. Exterior of the building will be covered with rustic. Plans are complete and figures are being taken. Bids will close on June 15th.

RESIDENCE—2 story and base, frame, \$3,600. San Bernardino, San Bernardino Co., Cal. Architect, Anthony Binner, 133 3rd street, San Bernardino. Owner, W. J. Kinley. The dwelling has been designed to contain seven rooms and bath. Interior will be finished in slash grained Oregon pine throughout. There will be open fire places and imitation stone mantels. Hardwood floors will be used in the principal rooms. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the house will be covered with cement plaster and shakes. Plans are now being prepared.

SCHOOL—1 story and base, frame, \$2,000. Rialto, San Bernardino Co., Cal. Architect, Anthony Binner, 3rd street, San Bernardino. Owners, Rialto School District. The building will contain two class rooms. Interior will be finished in pine. Gas grates will be used for heating. Composition blackboards are specified. Exterior of the building will be covered with rustic. Plans are complete and figures will be opened on June 20th.

Contracts Awarded.

APARTMENT HOUSE—3 story and base, brick and steel, \$35,000. Los Angeles, Cal. Architects, Noonan & Murphy Co., Douglas Bldg., L. A. Owner, Mrs. Jessie E. Ellis. Contractors, Noonan & Murphy Co., Douglas Bldg., L. A. Contract price, \$36,000.

BANK AND OFFICES—6 story and base, reinforced concrete, \$30,000. Pasadena, Los Angeles Co., Cal. Architects, Parkins and Bergstrom, Security Bank Bldg., L. A. Owners, Citizens National Bank of Pasadena. Contractors, F. O. Engstrom Co., 3th and Seaton streets, L. A. Contract price, \$30,000.

SCHOOL—2 story and base, brick, \$10,000. Mayer, Yavapai Co., Ariz. Architect, W. S. Elliott, Prescott. Owners, Mayer School District. Contractor, Joe Pettit, Prescott. Contract price, \$9,000.

PORTLAND AND OREGON.

LODGE HALL—4 story and base, brick and steel, \$50,000. Portland, Ore. Architects, Jacobberger & Smith, Board of Trade Bldg., Portland. Owners, Knights of Columbus Hall Association. The building will be erected at the corner of Park and Taylor streets, covering an area of 50 by 100 feet. The building will contain a large gymnasium, billiard hall, ball rooms, library, auditorium, music room, bowling alley and offices for the executive staff. Interior will be finished in pine and hardwoods. There will be steam heat, elevator service and vacuum cleaning system. Gymnasium will contain a large swimming pool. Exterior of the building will be faced with pressed brick and cut stone. Plans are now being prepared.

SCHOOL—2 story and base, frame, \$12,000. Molalla, Ore. Architect, P. Chapell Brown, Mohawk Bldg., Portland. Owners, Molalla School District. The building has been designed to contain eight standard sized class rooms and an assembly hall. There will be steam heat and modern school plumbing. Interior finish will be of pine throughout. Composition blackboards will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

CONVENT—4 story and base, reinforced concrete, \$125,000. Portland, Ore. Architects, Jacobberger & Smith, Board of Trade Bldg., Portland. Owners, Sisters of the Good Shepherd. The building will be erected on the property bounded by Congress, Bryant, Albina and Dekum streets, and will cover an area of 210 by 145 feet. A U-shaped plan has been carried out. There will be a number of class rooms, dormitories and a chapel. Interior will be finished in pine throughout. Some art glass is specified. Plans provide for steam heat, modern plumbing and electric work and a hot water system. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

Contracts Awarded.

DOCKS—Timber pile construction, \$150,000. Flavel, Ore. Engineer's name not given. Owner, S. P. and S. Co., Contractors, Guthrie-McDonald Co., Lewis Bldg., Portland. Contract price, \$150,000.

SEATTLE AND WASHINGTON.

APARTMENT HOUSE—5 story and base, brick and steel, \$100,000. Seattle, Wash. Architects, Weld & Thomas, Hoge Bldg., Seattle. Owner, Mr. Wheeler. The building will be erected at the northwest corner of 6th avenue and Spring street. There will be be-

tween 110 and 115 rooms which will be arranged in suites of two and three rooms with bath. Interior finish will be of pine with some hardwood veneer. Plans provide for steam heat, an automatic elevator and hot water supply. Vacuum cleaning system will also be installed. There will be wall beds in all apartments. Bath rooms will be finished in tile and will have composition floors. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for within ten days.

STORES AND LOFTS—6 story and base, steel and reinforced concrete. Cost not stated. Seattle, Wash. Architect, Louis Mendel, Oriental Bldg., Seattle. Owners, John F. and James B. O'Shea. The building will be erected at the southeast corner of 5th avenue and Pine street, and will cover a large ground area. Construction will be fireproof throughout with reinforced concrete walls, floors and roof slabs. Interior partitions will be of metal lath and plaster. There will be passenger and freight elevators, steam heat and a vacuum cleaning system. Metal window sash and frames will be used. Interior finish will be of pine. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be taken on a general contract within twenty days. Further mention will be made of the work.

Contracts Awarded.

BRIDGE—Steel and concrete, \$300,000. Coquillam, B. C. Engineer's name not given. Owners, Province of British Columbia, Contractors, Armstrong, Morrison & Co., Vancouver, B. C. Contract price, \$300,000.

RAILROAD SHOPS, ETC.—Reinforced concrete construction, \$60,000. Lewiston, Idaho. Engineer, Engineering Department Northern Pacific R. R. Co. Owners, Northern Pacific Railroad Co. Contractors, E. J. Rounds Construction Co., Walker Bldg., Seattle. Contract price, \$60,000.

CITY HALL MARBLE WORK.

The contract for interior marble work for the new City Hall, has been awarded to Joseph Musio Sons-Keenan Company for the amount of \$234,860.

This is the largest single contract for marble work ever let on the Pacific Coast, and the artistic treatment of the public offices and corridors is particularly effective.

The Joseph Musio Sons-Keenan Co. have extensive marble plants in this City and Los Angeles and have just completed the interior marble work for the Oakland City Hall, the amount of this contract being \$105,000.

They have also under way the exterior and interior marble work for the Hobart Building. In the execution of which it is contemplated to make a record for prompt delivery and artistic workmanship.

METAL RAILROAD TIES.

About 70 per cent of the ties in use on the federal railways of Switzerland are metal. Metal ties were first used on the Swiss roads in 1881, since which time they have gradually replaced to a large extent the wooden ties. Iron ties are especially recommended on the Swiss roads where a good quality of gravel is available for ballast.—American Machinist.

Local Firm Enters On A New Field.

Rolph, Mills & Co. Will Represent Alvey Manufacturing Co. on This Coast in Future.

The Alvey Manufacturing Company of St. Louis, Mo., manufacturers of all kinds of conveying machinery, has actively entered this market by securing the firm of Rolph, Mills & Co., Rialto Building, as their Pacific Coast agents.

Rolph, Mills & Co., which is composed of Thomas Rolph and H. B. Mills, is a well known and established firm of manufacturers agents, having offices in San Francisco, Seattle and Los Angeles, handling some of the best accounts on the Coast, among which are Messrs. Joseph T. Ryerson & Son of Chicago, the Sloss-Sheffield Steel & Iron Company, Birmingham, the Pennsylvania Wire Glass Company, Philadelphia, The Hawaii Hardwood Co., Ltd., of Pahoa, T. H., and the American Perfettile Company, Philadelphia.

In connection with the Alvey Manufacturing Company's agency, they have secured the co-operation of William E. Spink, an engineer who makes a specialty of planning and installing conveying machinery lay-outs for the economical handling of all kinds of products and freight. Rolph, Mills & Company, therefore, are in a position to quote manufacturers' prices direct or prices on the equipment installed. They are also in a position to give expert service and advice in regard to all freight handling problems.

Among the many kinds of equipment handled by this firm are included straight and spiral chutes, gravity and spiral conveyors, movable platforms, belt conveyors, automatic lifts and overhead trolleys, as well as special equipment for breweries, creameries, canneries, etc.

This firm's responsibility and experience insures the best and most efficient service for any one intrusting business to them.

FOREST NOTES.

Students of the Oregon agricultural college are working at the forest nursery on the Sluslaw forest. The arrangement is said to be mutually satisfactory since the students gain experience in forest nursery practice and their assistance lowers the cost of nursery work.

Manufacturers have found that red alder from the Pacific Coast is a suitable material for clothespins. Alder makes a white, smooth, springs pln. as a result of this fact, a clothespin factory, said to be the first on the Pacific coast, may be established at Portland, Oregon.

NOTICE OF DISSOLUTION OF PARTNERSHIP.

A Dissolution of Partnership has been filed between M. HONOLKE and H. LEMM under the name and style of North Star Iron Works, located at No. 1311 Harrison street. Has been dissolved by mutual consent.

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Dalziel, F. E., 2614 University Ave., Berkeley; manufacture of house and office fittings, mouldings and window frames, turning, band sawing, shaping, etc. 40

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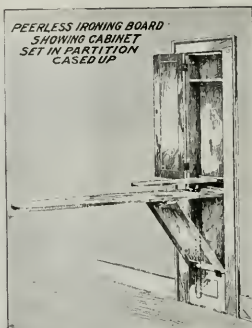
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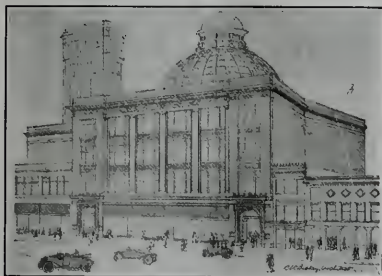
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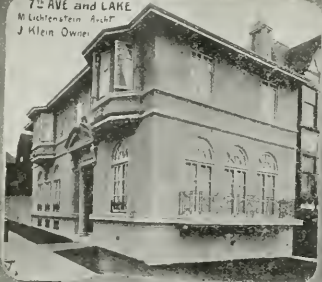
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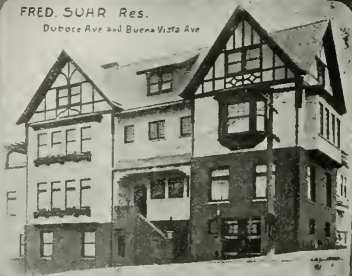
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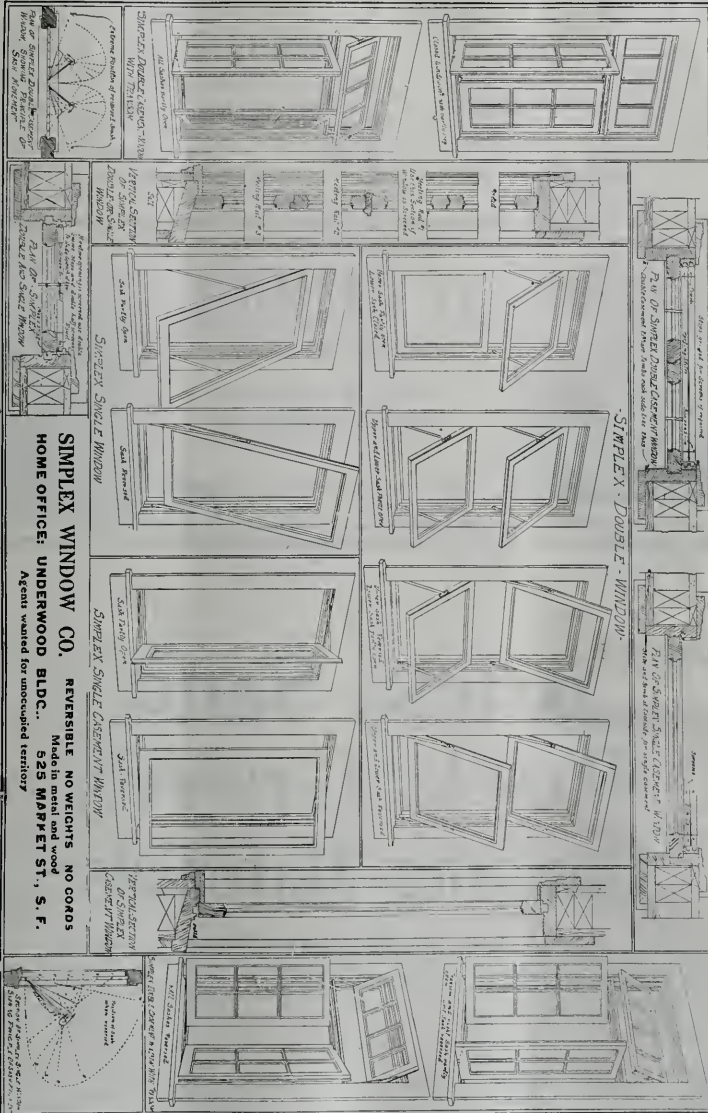
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Editorial Comment.

THE POWER OF SELF.

One ship drives east, another drives west.

While the selfsame breezes blow;
'Tis the set of the sails and not the gales.

That bids them where to go.
Like the winds of the sea are the ways of Fate.

As we voyage along through life,
'Tis the set of the soul that decides its goal.

And not the calm or the strife.
—Ella Wheeler Wilcox.

The occupation of school teacher has been one that has been undervalued by the people generally in this country. Generally speaking people have regarded it as a question of dollars and cents and have driven a hard bargain with the teacher and endeavored to get the most for their money. There has been no union among teachers and as a result the occupation has been taken up almost exclusively by women. Now the importance of the occupation is becoming to be realized and in the different states funds are being provided for pensions for those who have served a certain length of time and a retirement fund for teachers who have reached a certain age.

In this connection Andrew Carnegie has provided a fund to be used for the benefit of the Teaching Profession generally.

The eighth annual report of the president of the Carnegie Foundation for the Advancement of Teaching, shows a total endowment of \$15,325,000, and an expenditure for the year ending September 30th, 1913, of \$658,431. Of this \$519,440 was distributed in retiring allowances to professors, and \$80,949 in pensions to their widows, a total of \$600,389. Thirty-three allowances were granted this year, making the total in force 403, the average annual payment to an individual being \$1,703. The total distribution from the beginning has been \$2,836,927. The educational work of the Foundation was separately endowed in January, 1913, by a gift of \$1,250,000 from Mr. Carnegie through the Carnegie Corporation of New York. This body, which is endowed with one hundred and twenty-five million dollars for "the advancement and diffusion of knowledge and understanding," has five ex-officio trustees, of whom one must always be the president of the Carnegie Foundation for the Advancement of Teaching.

The fund devoted to this purpose is a creditable use to put money and an intelligent charity. While, the profession of teaching should be sufficiently remunerative to prevent the persons engaged in it from becoming dependent

the fact is that it is not and the gift of a fund to be used to take care of superannuated and dependent teachers reaches a class that would be hard to reach by general legislation.

William Randolph Hearst has answered ten questions put to him by a German editor on the Canal Tolls question. The inquiry naturally arises as to whether Hearst has acquired a German newspaper, for certainly no sane man would ever ask Hearst a question and expect to get an intelligent and unbiased answer.

Reports from the East from personal friends of Ex-President Roosevelt state that the South American fever has left its mark upon him and that it is doubtful whether or not he will ever be the same man again.

Certainly he is a great example of the strenuous life. Originally in poor health he spent some years as a plainsman in Wyoming and built up a rugged constitution. Since then he has been a marvel of activity and his two trips through unknown and dangerous jungles of tropical Africa and South America are only incidents in a life as crowded with action as the tales of Ulysses and Agamemnon.

The head of the Pullman Company has again been before the Railroad Commission as to the manner of conducting its business with the public. One thing that Commissioner Eshelman insists on and that is that the porters be paid sufficient wages to enable them to live without depending on tips from the traveling public. No other way can any uniformity of treatment be secured. For as it is now it is said that the porters receive a wage equal to the average monthly loss of articles on the sleepers for which they must pay. The company makes an inventory of all things contained in the car at each trip and if any thing is lost or stolen the porter is held accountable. So that the general average just about makes the porter's salary and he is compelled to depend on the public for his living. Under such conditions there can be no uniformity of treatment of the public. If the company pays a living wage then there should be uniformly courteous treatment and if such is not accorded the company could always secure better men for their employ.

Mt. Lassen has the center of the stage just at present. It is the dying result of the long period of eruptions that have spread successive lava flows over the high Sierras in ages past and left the summit dotted with craters and mountain lakes. It is another of nature's wonders close at hand that one may study without going out of the State.

The Landscapist As The Architects Conferee.

Qualifications of the Landscapist, Architects Problem and Nature's Endowment.

H. E. Rasmussen.*

It is a recognized fact that to achieve the best results, one must specialize; hence the efficiency obtained in commercial and industrial lines by the American nation. True, some genius like an Edison may master all trades, but this is the exception and not the rule. With the progress of modern business, we find it necessary to create new trades and professions. The efficiency engineer, whose work has been applauded by the heads of governments and industrial concerns, is a striking example.

The building of a home, a true home where harmony reigns and implants itself perhaps unconsciously to the inmates, is a greater and more worthy task than the building of great industries. Do the American homes equal those of old Europe? They may equal them in costliness and do surpass them in mechanical devices for comfort and cleanliness, and yet home in America has not the same meaning as in the old country."

The real home is the place of all places with which you are in full sympathy, built to suit your own tastes and particular fancies; a refuge of peace with "nerve soothing surroundings." Have you built such homes, Mr. Architect, for your clients, or have you mainly aimed at surpassing your competitor in extravagance and grandeur and thereby having missed the essential? The medical profession has found that certain colors have a soothing and curative effect on patients suffering from various diseases, thus proving that the surroundings of a home, if beautified by a specialist, is an incentive to good health and happiness. The architect unfortunately too often overlooks this important part of the work entrusted to his care, or attempts to plan the work for which he cannot spare the time to acquire the special knowledge required if he excels in his own particular profession, or his indifference to the surroundings of the home he is about to build, oftentimes causes him to err in selecting the man to do the work. He often selects an Eastern landscape architect, who has no knowledge of local conditions and no interest in its development; or worse still, engages a dealer in plants whose sole object is to dispose of any surplus stock without regard to the effect when planted.

The Qualifications of a Landscapist.

To become a successful landscapist in any particular place, one must familiarize himself with the soil and changing seasons before he is able to operate or advise. For instance, a landscapist from the east is no more capable of giving advice on conditions as they exist here than an architect from the torrid zone would be capable of advising on the architecture and heating systems of the north.

The landscapist must have many qualities to rightly perform his duties. He must be an artist with strong imagination in order for him to see the completed work in his mind's eye. His is a picture which takes at least a

decade to finish, it grows under his care, he must know his material, the plants, and how each one develops and their inter-relation regarding their color and shape. He must have an eye to the graceful lines which will harmonize with the architecture of the building and surrounding landscape. He must have knowledge of botany, and chemistry sufficient for him to analyze the soil and determine which is best suited for each kind of plant. He must have sufficient knowledge of engineering and architecture to work out his scheme in harmony with the architect and engineer; he must love his work sufficiently in order that he does not neglect his aim. The true aim of an artist is to create the very best under the circumstances, instead of mere economical advantages to himself. He must also possess a certain knowledge of human nature and tact in order to become intimate and familiarize himself with the likes and dislikes of the home-builder, and then plant a garden in accordance with the individual tastes. Is the landscapist regarded here by the architect and home-builder with due consideration, in view of the knowledge he must possess in addition to his being a practical man? He is not! and I think to a great extent through faults of his own, or rather those in the trade, a trade where organization and co-operation have taken but little root.

The Problem Before the Architects.

I well appreciate the fact that the architects have difficulty in choosing the right man, few landscape architects having graduated or passed examinations. The only way is to choose a man who has proved himself successful in obtaining results in a given locality. If he has succeeded in producing favorable results on a small area, he is likely to succeed on a larger scale, because it is as a rule more difficult to lay out a small piece of ground to get the desired effect than one which is not so congested.

In my opinion the home-builder often commits a serious error in erecting too large a residence for the size of the ground, which gives the place the appearance of being top-heavy, and the money expended on the building is out of all proportion to that spent on beautifying the surroundings. No matter how beautiful the design of a house, everyone must admit it takes the skill of the well-trained landscapist to bring out the beauties of the architect's work. However, we are pleased to note the younger generation is inclining more and more towards the outdoor life, and the development of school gardens will encourage this tendency.

Let me sum up, what in my opinion is necessary to bring about the proper relationship between the home-builder, architect and landscapist:

1. That all three get together from the first, the landscapist's business being to help the home-builder choose his site after having learned his requirements, or to tell the home-seeker

the possibilities of the ground already chosen.

2. That at least one-fifth of the entire cost of the home be devoted to the beautifying of the grounds.

3. That the proportion of the site of the building to that of the grounds be duly considered by all three, and the position and elevation of the buildings be determined.

4. That the landscapist be put in charge of the clearing and excavating from the first, with a view to preserving any top soil present, and the most economical way of disposing of any poor bottom soil, which is now in most cases spread over the entire lot.

5. Plans of the garden to be submitted to the architect to ensure proper harmony with the building, such plans to include permanent planting plans.

6. Care of the grounds to be allotted to the landscapist for at least six months after the completion of the planting.

This arrangement, which could easily be based on business lines, would result in infinitely better and truer homes and save needless expenditure and worry to all parties concerned.

Each home costing say \$5,000 ought to be thus considered, and let me add, in planning a city or town, a landscapist conversant with climatic conditions and the soil would often be able to advise in grading and save a community thousands of dollars, and much more in a number of cases, to say nothing of results obtained regarding beauty and harmony in street planting, etc. This has been done in Canadian cities, and in Denver the architects have to some extent taken into consideration the landscapist and treated him with some semblance of respect for his trade, with the result of establishing a most beautiful city.

Each town of 10,000 inhabitants should be able to maintain a local landscapist and treat him so that he can respect himself. For larger undertakings, such as parks, cemeteries, golf links, etc., a larger local firm's assistance may be required.

The Possibilities Attended by Nature.

I have perhaps severely criticised both architect and home-builder, and if so, it is because I so clearly see the immense opportunities afforded us by nature in this beautiful Pacific Coast; opportunities unequalled in any other civilized part of the world. Here, indeed, in my opinion, is the cradle for the future race, if the Caucasian race is to retain its present supremacy. It is largely dependent on our attitude toward life if this is to be so; and you architects of the west, together with the man of pecuniary influence, have it almost in your hands to mold this up-growing new American race, in which not the dollar alone will predominate, but the more refined qualities in man will come to be recognized. Exert this influence and become not only builders of brick and wood, but one of human flesh and mind; and help create the structure of human society in

which there shall be room for happiness and peace.

You are able here in a new country to lay the foundation without the obstacles one has to contend with in the old established communities, and it is realized more, day by day, that you are working on historic territory, and that a happy, care-free people once occupied these shores.

With our modern scientific equipment for producing, together with the natural advantages, here indeed in the locality where a new race composed of all the best who have fled from the old countries with their various social and economic forms of oppression could be built, dominating the world, not by the power of arms, but by setting an example in living a scientific life, with human happiness as its aim. Numerous signs are here that a start is made toward that end, for no where are such playgrounds and boulevards connecting natural parks, the maintenance of which could be improved upon; also the planting plans bear evidence that they were not made by a man conversant with the possibilities and climate of the northwest, many eastern effects having been produced with "hardy" wild roses, which have an excuse in the east with temperatures often below zero, but not here where softer evergreens, with flowering shrubs and bulbous plants and perennials to give color to early spring, would be a ten-fold improvement, to say nothing of the planting of hybrid roses. In fact, roses of all kinds, to which this climate offers the ideal conditions. Roses may here be blooming outdoors nine months of the year, and many varieties classed among the evergreens retaining their leaves during the greater part of the winter.

The possibilities are not only to have parks as fine as Europe, but the creation of a distinct western type of landscape architecture. The Pacific highway, now under construction, should carry with it a high artistic and humane spirit. Let fruit trees to suit each locality be planted by the wayside, affording the touring millionaire, as well as the passing tramp, the opportunity of gathering the luscious fruits free of charge, and, as in Saxony, the remainder of the harvest paying for the maintenance of the road under proper care, to say nothing of the artistic effect.

More than anything, the establishment over the land of school gardens will bring about almost the love for nature, so if for no other reason, Mr. Architect, let the business aspect appeal to you to get on the right line. Good gardens will be requested before long, and the architect able to give them will get the business. The home-builder will soon detect whether you have properly considered this question, or he will himself take it in hand.

If I have been wrong in any of my assertions, I hope the architects of the northwest will take up the question with me in public for discussion. If not, I trust their organization will consider my contention, and, as an already well organized body, help establish a new worthy craft, that of landscape architecture. The two organizations, when properly established, each one in co-operation with each other, would build new real homes and with them a new race.

*Manager of Seattle Landscape and Nursery Company, Seattle.
Reprinted from Pacific Builder and Engineer.

GENERAL SAFETY SUGGESTIONS.

State Industrial Accident Commission Gives Valuable Pointers to Employers as to Rules to be Observed in Factories and Places of Employment.

In response to a general request from the employers of California for suggestions which will enable them to guard machinery so as to prevent accidents, the Industrial Accident Commission has issued in four parts a brief statement covering certain fundamental requirements relative to safety as observed in other states and in foreign countries.

Belts and Pulleys.

Belts and pulleys should be so located, wherever possible, as not to be dangerous to employees, or should be properly enclosed, fenced or otherwise protected. In all cases the point, if exposed to contact, should be guarded where the belt, rope or chain runs on the pulley, sheave or sprocket.

Guard all horizontal belts, ropes or chains driving machinery or shafting, seven feet or less from the floor, where exposed to contact.

In guarding overhead belts or rope drives, unless so guarded that persons cannot pass under them, the width of the guard should not be less than the width of the belt or rope drive and the length should not be less than the distance between the outer faces of the two pulleys. It should cover outer faces of the two pulleys or sheaves and extend upward to such a point, and be attached in such a way that in case the belt breaks, it will withstand the whipping force of the belt.

In rooms, or parts of rooms used exclusively for transmission machinery, such as the ground floor of saw mills and the basements of paper mills or flour mills, it has been found practical to define certain passageways for the use of oilers and millwrights and to guard the pulleys, belts and shafts along these passageways.

All loose pulleys should be furnished with a permanent belt-shifter, so located as to be within easy reach of the operator. The belt-shifter should be so constructed as to make it impossible for the belt to creep from the loose pulley back on the tight pulley. All belt-shifters should be equipped with a lock or other efficient device to prevent the shifter from being accidentally shifted.

Pulleys should be so placed as to allow the width of the belt between two pulleys, or between the pulley and the shaft banger, or a hook should be provided, or a guard placed adjacent to the pulley to prevent the belt from leaving the pulley.

Part Two.

Set Screws. All set screws on moving parts, where exposed to contact, should be countersunk or protected by a solid collar, or a headless set screw should be used. No part of the set screws should project above the surface.

Shafting. All revolving shafting less than seven feet above the floor lines should be boxed or railed off, as revolving shafting is always a menace to those whose clothing might come in contact with it.

Projecting keys in shafting should be guarded or cut off.

Gears. All gears, where exposed to contact, should be entirely enclosed or equipped with a flange guard which will enclose the teeth of the gears. On large gears, such as those on heavy shears and punches, the guard should be such as to cover them to a height of seven feet above the floor.

Where it is impracticable to cover the gears, a boxed frame of metal or wood should be installed, completely shutting off the machinery gears. It is necessary that all guards should be kept in place except when the machinery is shut off for repairs.

Part Three.

Grinding Wheels, Hoods and Guards. Wheels should be handled with the greatest care in unpacking, storing, delivering, etc., and should never be left standing on the ground or wet places.

Great care should be used in mounting wheels; never force a wheel on the arbor. It is advisable to use relieved flanges, compressible washers between wheel and flange, and to obtain a perfect bearing at the outer edge of the flange. Vibration should be avoided at all times.

A protective hood, or guard, should be provided, wherever practicable, and the nut on the end of the arbor should be guarded. Cast iron hoods should be avoided as they have often been known to break when struck by a bursting wheel. The guard should be adjusted close to the wheel and extended over the top of the wheel to a point thirty degrees beyond a vertical line drawn through the center of the wheel. Wheels used for wet grinding should not be left partly immersed in the water.

Foremen should examine every emery wheel each day and see that the bearings are tight and well oiled, and that it is operated within proper speed limits, and is safe in every way.

Table of Grinding Wheel Speeds.

Diameter of Wheel in Inches.	Revolutions per Minute for surface of 4000 ft.	Revolutions per Minute for surface of 6000 ft.	Revolutions per Minute for surface of 8000 ft.
1	15379	19699	22918
2	7689	9549	11459
3	5093	6366	7639
4	3820	4775	5730
5	3056	3829	4584
6	2546	3183	3829
7	2183	2728	3271
8	1910	2387	2865
10	1528	1910	2292
12	1273	1592	1910
14	1091	1364	1637
16	955	1194	1432
18	849	1061	1273
20	764	955	1116
22	694	868	1012
24	637	796	955
26	586	732	879
28	546	683	819
30	509	637	761
32	477	596	716
34	449	561	674
36	421	531	637

The revolutions per minute at which wheels are run is dependent on conditions and in actual practice from 4,000 to 6,000 feet per minute up to as high as 7,500. It is recommended that for most grinding operations revolutions should not exceed 6,000 feet. As a wheel wears down the speed is in-

creased to maintain the same surface speed and great care must be exercised when new wheel is provided to avoid over-spreading.

Part Four.

Ladders. Ladders should, wherever possible, be stationary; if movable, they should be provided with either sharp points at the foot, or wide, rough surface feet so as to prevent slipping. Ladders for use in oiling overhead shafting, where necessary to rest same on the shafting, should be arranged to hook over said shafting.

Stairways. Stairways should not be built at a sharper angle than fifty degrees. For over fifty degrees, ladders should be used instead. All stairways should be equipped with hand rails. Where the stairway is not built next to a wall or partition, rails should be placed on both sides.

Platforms and Runways. All elevated walks, runways or platforms, except on loading or unloading side of platforms, if four feet or more from floor level, should be provided with a guard rail. A toe board should be provided to prevent material from falling off.

Passageways—Keep Clear. All pas-

sageways and gangways should be kept smooth and in good repair and free from nails or obstructions over which persons may stumble and fall.

Swinging Doors — Windows. All swinging doors in stairways and all doors swinging both ways in general passageways should be provided with windows. One window should be provided for each section of double swinging doors. Both sides of the doors should be provided with adequate light, either natural or artificial during the hours of active operation in the department in which said swinging doors are located. The windows must be kept free from dirt or other obstruction to the vision.

In order to accommodate boys or girls, the bottom of the windows should not be more than forty-eight inches from the floor. The size of the window which is recommended should be not less than eight inches by twenty-four inches. Guards should be placed over the window to protect the glass from being broken by protruding parts on trucks, etc.

Further information can be obtained from the Industrial Accident Commission, 525 Market street, San Francisco.

pline throughout. There will be a central heating system and hot water supply. All apartments will have wall beds and private bath rooms. The wainscot and composition floors will be used in the bath rooms. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 5 story and base, steel and reinforced concrete. Cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on the south side of O'Farrell street east of Hyde, and has been designed to contain a total of 24 suites of two and three rooms. There will be a complete steel frame, reinforced concrete walls and metal lath partitions. Interior finish will be of pine with some elm panels. Plans provide for steam heat, an automatic elevator and hot water supply. Some hardwood floors will be used. All apartments will have wall beds and private bath rooms. Bath rooms will be finished in tile and will have composition floors. Exterior of the building will be faced with pressed brick and terra cotta. Plans are now being prepared.

OAKLAND, CAL.—Apartment alterations and additions, frame construction. \$5,000. Architect, none. Owner, P. A. Soderstrand, 1086 24th street, Oakland. The work will include new plumbing, plastering, painting, electric work and interior finish. Wall beds will also be installed. Considerable exterior work will also be required. Plans are in the hands of the owner and he will do the work by Day Labor.

SAN FRANCISCO—Apartment house, 4 story and base, brick and steel, \$75,000. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owners, William Hendrickson, trustee. The building will be erected on the north side of Sutter street west of Taylor street. The building will contain a total of 24 suites of two and three rooms, besides a large lobby and amusement room. Interior finish will be of pine, oak and other hardwoods. Hardwood floors will be used in the living rooms. There will be steam heat, automatic passenger and freight elevators, a vacuum cleaning system and hot water supply. All apartments will have wall beds and private bath rooms. Bath will be finished in tile and will have composition floors. Entrance will be finished in marble. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures will be called for at once.

Contracts Awarded.

SAN FRANCISCO—Apartment house, 3 story and base, \$16,000. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, Mr. Revill. Contractors, Ratto & Ratto, S. F. Contract price, \$11,000. Note: This price does not include the lumber or mill work or plastering.

LOS ANGELES, CAL.—Apartment house, 3 story and base. Class C construction, \$50,000. Architect, L. T. Mayo, Story Bldg., L. A. Owner, R. J. Dunn. Contractor, L. T. Mayo, Story Bldg., L. A. Contract price, \$50,000.

LOS ANGELES, CAL.—Apartment house, 3 story and base. Class C construction, \$36,000. Architect, none. Owner, Elias A. Sheddony. Contractors, The L. F. S. Syndicate, Los Angeles Investment Bldg., L. A. Contract price, \$36,000.

Firms dealing news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 5 story and base. Class C construction, \$15,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, Walter S. Sullivan. The building will be erected at the corner of Sacramento and Taylor streets, covering an area of 40 by 90 feet. Interior will be arranged for a number of two and three room suites, all of which will have wall beds and private bath rooms. Pine and elm panels will be used for interior finish together with some hardwood floors. Plans provide for steam heat, elevator service and a hot water plant. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 6 story and base. Class C construction. Cost not stated. Architect, Benj. G. Mcougall, Sheldon Bldg., S. F. Owner, H. A. Voorman. The building will be erected at the northwest corner of Bush and Mason streets, covering an area of 68 feet 3 inches by 90 feet. Upper floors have been arranged for a two and three-three suites of two and three rooms. Interior will be finished in pine with some hardwood veneer. All apartments will have private baths and wall beds. Plans provide for steam heat, elevator service and a hot water and vacuum cleaning system. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are complete and segregated figures are being taken on all parts of the work except the plain and reinforced concrete work which has been awarded to Arthur Arlett for \$7,350.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, none. Owner, John Bianchi, 3702 Folsom street, S. F. The building will be erected at the southeast corner of Cortland avenue and Folsom street, covering an area of 41 by 46 feet. There will be eight apartments of four rooms each. Interior finish will be of pine and redwood. Each apartment will have an open fire place with brick mantel. There will be private baths and wall beds. Exterior of the building will be covered with rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Apartment house, 7 story and base. Class A construction. Cost not stated. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owner's name withheld. The building will be erected on a corner lot in the Fifty Vara District, and has been arranged for but six apartments, one to each of the first five floors while the upper two floors will contain but one apartment. There will be a complete steel frame, brick exterior walls, faced with pressed brick and terra cotta, hollow tile and metal lath and plaster interior partitions and concrete floors. Interior decoration and finish will be to suit the tenants. Each apartment will have three baths. Hardwood trim and hardwood and inlaid floors will be used extensively. There will be steam heat, elevator service, vacuum cleaning and a hot water supply. Plans are nearly ready for figures.

OAKLAND, CAL.—Apartment house, 3 story and base, frame. Cost not stated. Architect, C. S. Schwartz, Haywards. Owner, John D. Garrison. The building will be erected at the corner of 41st and Manila streets, and will contain a number of two and three room suites. Interior finish will be of

BONDS.

SUNNYVALE SCHOOL DISTRICT. Santa Clara Co.—Sealed proposals will be received by the Board of Supervisors on the 6th day of July for the purchase of bonds in the amount of \$25,000.

PAYKAN SCHOOL DISTRICT. Sonoma Co.—An election will be held here on June 27th for the purpose of voting bonds in the amount of \$3,000, same to be used in raising funds for a new school building and other improvements.

WRIGHTS SCHOOL DISTRICT. Santa Clara Co.—Bonds in the sum of \$1,800 will be voted here on June 20th, funds to be used for the construction of a school building and the purchase of the necessary equipment.

SPARKS, Nev.—On petition of 100 citizens, asking that street and sewer bonds of \$25,000 be authorized, a bond election has been set for July 18th.

BAKERSFIELD. Kern Co.—State highway bonds to the amount of \$180,000 were ordered purchased by the Board of Supervisors. These bonds will cover the expense of building the State highway from a point 13 miles south of Bakersfield to Rose station.

PETALUMA, Sonoma Co.—The Board of Supervisors here has decided to advertise for bids on the Petaluma School Bonds. The bonds are for \$110,000, the money to be used in the construction of a school building.

BERKELEY, Alameda Co.—This city will soon call a bond election for voting bonds in the amount of \$1,750,000 to meet the immediate needs in the school department, for a civic center, and for harbor improvements.

FALLON, Nevada.—The Churchill Chamber of Commerce has appointed a committee to have a proposal for a \$50,000 Lincoln Highway bond issue put on the November ballots.

SANTA CRUZ, Santa Cruz Co.—The City Council has unanimously voted to call a bond election for \$150,000 for the purpose of extending municipal water system.

OAKLAND, Alameda Co.—The Auditorium bonds carried by 137 votes. There were 15,849 for the bonds and 7,719 against. The bonds are for \$500,000 to complete the building, bringing the total cost up to one million dollars.

BRIDGES AND DAMS.

CLATSOP CO., ORE.—Bridges, five, steel and concrete. Cost not stated. Engineer, State Highway Commission, Court House, Astoria. Owners, Clatsop County. Bids will be opened on June 22nd for the construction of the following described bridges. Plans and full particulars can be secured by addressing the Highway Commission, County Court House, Astoria.

No. 1. 125-foot steel bridge with piers and approaches in Nehalem Valley near station 29 on the State Highway survey.

No. 2. 125-foot steel bridge with piers and approaches on Nehalem Valley road over Nehalem river near station 217 on the State Highway survey.

No. 3. 80-foot steel bridge with piers and abutments on Seaside to Tillamook road near station 422 on the State Highway survey.

No. 4. 68-foot steel bridge with abutments over North Fork of the Clatskanie river, two miles from Olney.

No. 5. 80-foot steel bridge with piers and approaches over Youngs river about four miles from Olney.

PORTLAND, ORE.—Bridge, steel and concrete. Cost not stated. Engineer, State Highway Commission, Portland. Owners, State of Oregon. The new bridge will be 277 feet long, consisting of two spans, one 200 feet and the other 77 feet long. Plans are complete and figures will be opened on June 24th. Plans can be secured from the Commission, Court House Bldg., Portland.

MADERA, MADERA CO., CAL.—Bridges, 8, steel and reinforced concrete. Cost not stated. Engineer, County Surveyor, Madera. Owners, Madera County. Proposals will be opened on June 20th for furnishing designs and constructing eight steel and reinforced concrete bridges in Madera County. Complete information can be secured from the County Clerk at Madera. An official proposal for this work appears in another column of this issue.

SAN JOAQUIN RIVER, CAL.—Dredging. Cost not stated. Engineer, Major S. A. Cheney, Custom House. S. F. Owners, United States Government. Bids are now being called for dredging the San Joaquin River and Stockton Channel. Bids will be opened on June 25th. Full particulars can be secured from the engineer in charge. An official proposal appears in another column of this issue.

CHURCHES.

SAN FRANCISCO.—Church, 1 story and base, frame, \$15,000. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, St. Mary's Star of the Sea. The building will be erected at the northwest corner of Geary and 8th avenue, and will contain the main auditorium seating in the neighborhood of 700 people and Sunday school rooms. Interior finish will be of pine with some ornamental plaster in the auditorium. Art glass windows are specified. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Church, 3 story and base. Class C construction, \$50,000. Architect, Eugene K. Martin, 2192 Shattuck avenue, Berkeley. Owners, First Baptist Church of Berkeley. The bidding has been mentioned in the columns before. A site at the corner of Dana and Haste streets has been secured and a building covering 95 by 115 will be erected. The main auditorium will be 75 by 80 and Sunday school rooms and a social hall will occupy a like amount of space. Interior finish will be of pine with ornamental plaster. A central heating system will be installed. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be taken at once.

COURT HOUSES.

SEATTLE, WASH.—Court House, 3 or 5 story and base. Class A construction, \$950,000. Architect, A. Warren Gould, American Bank Bldg., Seattle. Owners, King County. Plans have been completed for the new County Building which is to cover an entire block in Seattle. Bids are to be submitted on two alternate propositions, but in either case must not exceed the amount of \$950,000. The first proposition will call

for a three-story building covering the entire site with a five-story central portion. The second proposition will call for a five-story building over the entire lot and a seven-story central portion. Plans and specifications with complete instructions can be secured from the architect.

FACTORIES & WAREHOUSES.

RICHMOND, CONTRA COSTA CO., CAL.—Stables and garage, 1 story, frame and corrugated iron. Cost not stated. Engineer, Engineer Department Standard Oil Co., Standard Oil Bldg., S. F. Owners, Standard Oil Co. Property at the corner of Berryessa and Green streets has recently been purchased and a large stable covering an area of 100 by 160 feet will be erected. There will be a cement floor and exterior will be covered with corrugated iron. Plans are complete and construction will be started at once by Day Labor.

FLATS.

SAN FRANCISCO.—Flats, 2 story and base, frame, \$5,000. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, Mr. Whison. The building will be erected on Collins street near Geary, and has been designed to contain four flats of five rooms each. Interiors will be finished in pine and redwood with some oak floors. There will be an open fire place in each living room. Mantels will be of tile. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO.—Flats, 3, 2 story and base, frame, \$4,000 each. Architect, none. Owners, C. J. and W. J. Keenan, 300 Webster street, S. F. These buildings will be erected on the north side of Hayes street west of Central avenue, each covering an area of 25 by 60 feet. There will be two modern flats in each building. Interiors will be finished in pine, redwood and elm panels. Hardwood floors will be used in the principal rooms. Each living room will have an open fire place and tile mantel. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the buildings will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

SAN FRANCISCO.—Flats, 2 story and base, frame, \$4,000. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner, F. Gottlicher. The building will have a frontage of 25 feet and a depth of 52 feet. There will be two flats of five rooms each. Interiors will be finished in pine throughout. There will be a large open fire place in each living room. Mantels will be of tile. Automatic water heaters will be installed. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with rustic with a brick veneer base. Plans are complete and figures are being taken.

SAN FRANCISCO.—Flats, 2, 2 story and base, frame, \$5,000 each. Architect, none. Owners, C. J. and W. J. Keenan, 300 Webster street, S. F. These buildings will be erected on the west side of Central avenue south of Hayes and each will contain four flats of four

and five rooms. Interiors will be finished in pine with some elm panels and hardwood floors. There will be open fire places and tile mantels. Automatic water heaters will be installed. Bath rooms and kitchens will have tile wainscot. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

OAKLAND, CAL.—Flat and store, 2 story and base, frame, \$4,500. Architect, James W. Plachec, Acheson Bldg., Berkeley. Owner, G. Dehenedetti. The building will have a frontage of 41 feet and a depth of 24 feet. There will be one store on the first floor. Upper floor will be arranged for a flat of six rooms. Interior will be finished in pine throughout. Some hardwood floors will be used. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Flat, 2 story and base, frame, \$6,500. Architect, James W. Plachec, Acheson Bldg., Berkeley. Owner, Mrs. Eugene Ehrst. The building will be erected on Herkeley Way, and has been designed to contain four high class flats. Interiors will be finished in pine, redwood and hardwood veneer. Hardwood floors will be used in the living rooms and dining rooms. There will be open fire places and tile or brick mantels. Automatic water heaters will be installed. Bath rooms will have tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are now being taken.

GOVERNMENT WORK AND SUPPLIES.

Brigham City, Utah, Construction.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for construction (including plumbing, gas piping, heating apparatus, electric conduits and wiring, interior lighting fixtures, and approaches) of the U. S. post office at Brigham City, Utah:

Bid 1, Martin E. Anderson, Brigham City, Utah.

Bid 2, J. H. Wiese, City National Bank Building, Omaha, Neb.

Bid 3, George A. Whitmeyer & Sons, Ogden, Utah.

Proposal No. 1 (using light-colored limestone for all stonework, except where granite is required)—Bid 2, \$53,870; 3, \$50,234.

Proposal No. 2 (using light-colored sandstone for all stonework, except where granite is required)—Bid 1, \$53,870; 2, \$53,130.

For alternate No. 1 (substituting Keene's cement for hard plaster on walls in the first and second stories, as specified) add—Bid 1, \$460; 2, \$800; 3, \$205.

For alternate No. 2 (painting plastered surfaces of all finished rooms in first and second stories, as specified), add—Bid 1, \$600; 2, \$1,200; 3, \$959.

For alternate No. 3 (substituting plaster cove for molded cornice in public lobby, as specified), deduct—Bid 1, \$410; 2, \$200; 3, \$210.

For alternate No. 4 (substituting brick for certain stone facing, as specified), deduct—Bid 1, \$1,900; 2, \$1,625; 3, \$1,025.

For alternate No. 5 (substituting marble for wood wainscoting and finishing the ceiling with beams, panels, etc., in the public lobby, as specified), add—Bid 1, \$1,160; 2, \$760; 3, \$490.

Amount included in the proposal for furnishing and installing of all interior lighting fixtures—Bid 1, \$290; 2, \$800; 3, no bid.

Centrifugal Pumps.

Bids were opened by the U. S. Reclamation service, Los Angeles, Cal., for furnishing centrifugal pumps as follows:

Item 1, two 6 second ft horizontal centrifugal pumps; 2, 2 foot valves; 3, 2 gate valves.

Charles C. Moore & Co., San Francisco, Cal., item 1, \$2,450, 60 days; 2, \$379, 40 days; 3, \$145, 40 days; weight, item 1, 5,000 lbs; 2, 1,000; 3, 875.

C. F. Braun & Co., San Francisco, Cal., item 1, \$2,619, 63 days; weight, 5,500 lbs.

Byron Jackson Iron Works, San Francisco, Cal., item 1, \$3,251, 70 days; 2, \$175, 70 days; 3, \$144, 70 days; weight, item 1, 7,000 lbs; 2, 600; 3, 450.

George B. Adair & Son Co., Seattle, Wash., item 1, \$3,988.15, 75 days; 2, \$65, 10 days; 3, \$118.40, 10 days; weight, item 1, 10,000 lbs; 2, 250 lbs; 3, 400 lbs.

Perine Machinery Co., Seattle, Wash., item 1, \$4,298, 90 days; weight, 6,000 lbs; 3, \$66, 30 days; weight, 470 lbs.

Henry R. Worthington, New York City, item 1, \$4,496, 98 days; 2, \$260, 28 days; 3, \$90, 28 days; weight, item 1, 18,100 lbs; 2, 1,100; 3, 600.

Pelton Water Wheel Co., San Francisco, Cal., item 1, \$4,600, 120 days; 2, \$306, 90 days; 3, \$142, 15 days; weight, item 1, 6,300 lbs; 2, 500; 3, 700.

Casper, Wyo., Construction.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for the construction (including plumbing, gas piping, heating apparatus, electric conduits and wiring, interior lighting fixtures, and approaches) of the U. S. post office at Casper, Wyo.:

Bid 1, King Lumber Co., Charlottesville, Va.

Bid 2, C. R. Inman, Casper, Wyo.

Bid 3, J. P. Jenkins & Co., Ocala, Fla.

Bid 4, George Hinchiff Co., 1408 Security Building, Chicago, Ill.

Bid 5, J. H. Wiese, City National Bank Building, Omaha, Neb.

Proposal No. 1 (contemplating the use of light-colored limestone for all exterior stonework, except where red sandstone and granite are required, and based on drawings, etc., mentioned in paragraph 65 of the specifications)—Bid 1, \$54,000; 2, \$49,785; 3, \$60,000; 4, \$53,300; 5, \$56,830.

Proposal No. 2 (contemplating the use of light-colored sandstone for all exterior stonework, except where red sandstone and granite are required, and based on drawings, etc., mentioned in paragraph 65 of the specifications)—Bid 1, \$54,000; 3, \$61,400.

Proposal No. 3 (contemplating the use of light-colored limestone for all exterior stonework, except where red sandstone and granite are required, and based on drawings, etc., mentioned in paragraph 67 of the specifications)—Bid 1, \$50,900; 3, \$55,400; 4, \$52,300; 5, \$45,130.

Proposal No. 4 (contemplating the use of light-colored sandstone for all exterior stonework, except where red sandstone and granite are required, and based on drawings, etc., mentioned

in paragraph 67 of the specifications)—Bid 1, \$51,400; 3, \$56,800.

For alternate No. 1 (substituting Keene's cement for hard plaster in connection with all walls, as specified), add—Bid 1, \$500; 3, \$560; 4, \$220; 5, \$1,500.

For alternate No. 2 (painting plaster surface of finished rooms throughout the building, as specified), add—Bid 1, \$700; 3, \$950; 4, \$850; 5, \$1,600.

For alternate No. 3 (substituting terra cotta for wood cornice, tin parapet coping, and stone keys, etc., as specified), add—Bid 1, \$2,500; 3, \$2,000; 4, \$3,400; 4, \$3,250; 5, \$2,475.

For alternate No. 4 (substituting nonfireproof for fireproof construction of the first floor, as specified), deduct—Bid 1, \$500; 2, \$1,800; 4, \$1,800; 5, \$500. Amount included in the proposal for all work specified under "Lighting fixtures"—Bid 1, \$600; 2, \$600; 3, \$1,300; 4, \$600; 5, \$1,200.

PRESIDIO OF SAN FRANCISCO.—Administration building, 3 story and base, reinforced concrete. Cost not stated. Engineer, Constructing Quartermaster, Fort Mason, Owners, United States Government. Authorization has been received from the War Department to prepare plans for a building 100 by 300 feet which will house the Government's display at the Exposition and which will later be used as a general administration building for the Presidio. The structure will be of reinforced concrete and will be erected on the central axis of the interior Parade grounds. Bids will not be called for within two months. Further mention will then be made of the work.

SAN FRANCISCO.—Water supply system. Cost not stated. Engineer, Constructing Quartermaster's Office, Fort Mason, Owners, United States Government. Bids opened by the Constructing Quartermaster for the construction of an additional water supply system at Fort Winfield Scott show Pringle-Dunn Co. low at \$4,453. Bids for furnishing and installing oil burners at the Letterman General Hospital show S. P. Johnson low at \$1,484. A complete list of these figures will be found under the heading of San Francisco in this issue.

—HALLS & SOCIETY BLDGS—

ELMHURST, ALAMEDA CO., CAL.—Country club, 1 and 2 story, frame and plaster, \$25,000. Architect, Edward G. Garden, Phelan Bldg., S. F. Owners, Sequoit Country Club. The building will be erected in the center of a large tract, and has been designed in the Mission style. There will be large social rooms, banquet room, parlors, cafe, smoking rooms and kitchen. Interior finish will be of pine and redwood. There will be a central heating system and large open fire places. Mantels will be of brick and stone. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

HOSPITALS

CALIFORNIA.—Hospitals, 1 and 2 story and base, frame and reinforced concrete. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Plans and specifications have been approved for the construction of a number of new buildings at the various state institutions. Approval of these plans has

been given by the State Board of Control and money in the amount of \$117,000 has been set aside.

HOTELS.

SAN FRANCISCO—Hotel, 3 story and base, reinforced concrete, \$25,000. Architect, O. R. Thayer, Merchants' National Bank Bldg., S. F. Owner's name withheld. The building will be erected on Polk street near Bush, and will contain stores on the first floor besides the hotel lobby. Upper floors will contain in the neighborhood of 50 guest rooms and a number of public baths. Interior finish will be of pine throughout. There will be steam heat and a hot water system. Bath rooms will be finished in tile and will have composition floors. Patent store fronts and marble wainscot are specified. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

SAN FRANCISCO—Hotel, 7 story and base. Class C construction, \$75,000. Architect, L. B. Dutton, Chronicle Bldg., S. F. Owner, A. W. Malby. The building will be erected on the south side of Ellis street east of Mason, having a frontage of 52 feet and a depth of 100 feet. There will be stores besides the lobby on the first floor. Upper floors will contain 84 rooms and 70 baths. Interior finish will be of pine and hardwood. Plans provide for steam heat, elevator service, vacuum cleaning and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

Contracts Awarded.

ONTARIO, SAN BERNARDINO CO., CAL.—Hotel, 2 story and base, frame and plaster, \$35,000. Architects, Butler Bros., Mason Bldg., L. A. Owners, Ford Bros. Contractors, Butler Bros. Construction Co., Mason Bldg., L. A. Contract price, \$35,000.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel, \$30,000. Architects, Weston Building Co., Lanker-smith Bldg., L. A. Owner, G. A. Theile. Contractor, George M. Easton, 436 West 30th street, L. A. Contract price, \$30,000.

PANAMA -- PACIFIC EXPOSITION WORK.

SAN FRANCISCO—State exhibit building, 2 story, frame and plaster, \$14,964. Architect, A. F. Hedde, 46 Kearny street, S. F. Owners, State of Washington. Bids opened on June 10th for this work show Dannuvant-Houghton-Van Sant Co., Hooker-Lent Bldg., S. F., low at \$14,964. They will probably be awarded the contract. A complete list of the figures for this work will be found under the heading of San Francisco in this issue.

SAN FRANCISCO—State exhibit building, 2 story, frame and plaster, Ctos not stated. Architect, State Architect, Topeka, Kan. Owners, State of Kansas. A report from President Reid of the Kansas Committee at Topeka, Kan., states that the three lowest men will meet with the members of the Committee and the Kansas State Architect in this city on June 30th to confer on the award of contract for the Kansas State building to be erected

at the Panama-Pacific Exposition. All three men are reported as being San Francisco men.

Contracts Awarded.

SAN FRANCISCO—State exhibit building, 2 story, frame and plaster, \$89,000. Architect, James E. Dibelka, Chicago. Owners, State of Illinois. Contractors, Lange & Bergstrom, Sharon Bldg., S. F. Contract price, \$89,000. The original figures of the two lowest bidders, Lange & Bergstrom and the Denell Construction Co., were \$96,000 and \$95,000, respectively. Some changes were made in the original specifications and the two low men were asked to refigure.

SAN FRANCISCO—Turkish building, 1 and 2 story, frame and plaster, \$40,000. Architect's name not given. Owners, Turkish Government. Contractors, Northwest Construction Co., Merchants' Exchange Bldg., S. F. Contract price, \$40,000.

POST OFFICES.

WILLOWS, GLENN CO., CAL.—Post Office, 1 story and base, reinforced concrete. Cost not stated. Architects, Bliss & Faville, Balboa Bldg., S. F. Owners, United States Government. Mr. Faville has donated the plans for this building and the Government has approved a site, also donated. Interior of the building will be finished in pine throughout. There will be a central heating system. Exterior of the building will be faced with cement plaster. Plans are now being prepared. Bids will probably be called for through the office of the Supervising Architect at Washington, D. C. Further notice will be given in these columns.

CHICO, BUTTE CO., CAL.—Post Office, 1 and 2 story, brick, stone and steel. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids opened in Washington for this work on June 9th show B. J. Duffy of San Francisco low as follows, \$76,230 for limestone and \$76,230 for sandstone. He will probably be awarded the contract. A complete list of these figures will be found under the heading of Sacramento, Stockton and Northern California.

IDAHO FALLS, IDAHO—Post Office, 2 story and base, stone and brick. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans have been completed for this building, and show a two-story structure with fireproof construction except the first floor. The building will cover an area of approximately 5,535 square feet. Interior will be finished in pine. There will be steam heat. Exterior will be faced with pressed brick. Plans are now out for figures and bids will be opened on July 10th. An official proposal appears in another column of this issue.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO—Railroad construction. Cost not stated. Engineer, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Bids opened for the construction of a railroad connecting the Fort Mason Tunnel with the Army Transport Docks show the Contra Costa Construction Co. low at \$27,932. They

will probably be awarded the work. A complete list of the bids received will be found under the heading of San Francisco in this issue.

MUIRWOODS, MARIN CO., CAL.—Railroad station and inn, 2 story, frame and plaster, \$25,000. Architects, Bliss & Faville, Balboa Bldg., S. F. Owners, Mill Valley and Mt. Tamalpais Scenic Railroad. The new building will replace the old Inn recently destroyed by fire. There will be a large waiting room, office and restaurant. Interior will be finished in rustic style with a large stone fire place. Exterior will be covered with field stone and cement plaster on metal lath. Plans are being prepared, but construction will not be started for several months.

SAN FRANCISCO—Railroad work, overhead construction. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for overhead construction on the Municipal Railroads under contract No. 25 show H. S. Tittle low at approximately \$40,000. The Bay Cities Engineering Co. and the Power Equipment Co. were the only other bidders.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,500. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, Thomas Whalen. The dwelling has been designed for a six-room house with bath and will be erected on 13th avenue south of Balboa street. Interior finish will be of pine and redwood with some hardwood floors. There will be an open fire place in the living room. Mantel will be of tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic and shingles. Plans are now being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner's name withheld. The dwelling will be erected in the Crocker Amazon Tract, and has been designed for a six-room dwelling with bath. Interior finish will be of pine and redwood. Oak floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with shiplap. Plans are now being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$10,000. Architects, Rigbetti & Headman, Phelan Bldg., S. F. Owner, Laura S. Nathan. The dwelling will be erected on Jones street south of Glover, and has been designed for a ten-room house with three baths and sleeping porch. Interior finish will be of pine and hardwoods. There will be furnace heat and open fire places. Mantels will be of tile or brick. Hardwood floors will be used in the living room, dining room, library and reception hall. A garage will also be erected on the lot. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of both the garage and dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame,

Cost not stated. Architect Sidney E. Newsum, Nevada Bank Bldg., S. F. Owner, E. B. Davis. The dwelling has been designed for a twelve-room house, and will be erected in the Claremont Tract. Pine and hardwood interior finish will be used. Plans provide for sleeping porches and three bath rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Hardwood and inlaid floors will be used in the principal rooms. Bath rooms will be finished in tile and will be equipped with showers. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and bids will be called for within a few days.

OAKLAND, CAL.—Residence additions and alterations, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Mr. Parker. The work will include new interior partitions, plastering, electric work, plumbing, painting, interior finish and hardwood floors. Open fire places and tile mantels will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence additions and alterations, 2 story and base, frame, \$2,000. Architect, none. Owner, H. Escherich, 2529 Hilegas avenue, Berkeley. The work will consist of new interior finish, plastering, painting, plumbing and electric work. There will be new open fire places and tile mantels. Bath room will be equipped with an automatic water heater. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who is now taking figures on the work.

OAKLAND, CAL.—Residences, 2, 2 story and base, frame, \$4,000 each. Architect, none. Owner, E. A. Stewart, 616 41st street, Oakland. These two houses will be erected on Ramona avenue and each has been designed to contain seven rooms and bath. Interiors will be finished in pine and redwood with some hardwood veneer. Oak floors will be used in the living rooms, dining rooms and reception halls. There will be furnace heat and open fire places. Mantels will be of tile. Automatic water heaters will be installed. Bath rooms will have tile wainscot and composition floors. Exteriors will be covered with rustic and shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, Chester H. Miller, Dalziel Bldg., Oakland. Owner, Mr. Jesse A. Berger. The dwelling has been designed for a seven-room house with bath, and will be erected on East 21st street. Interior finish will be largely of pine with hardwood floors in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and will be equipped with an automatic water heater. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,200. Architect, none. Owners, Summer and Randall, 1249 1st avenue, Oakland. The dwell-

ing has been designed for a seven-room house and will be erected on Evans street west of Webster. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire place. Mantel will be of tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Mrs. L. Olsen. The dwelling will be erected in East Piedmont Heights and has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, M. P. Brach. The dwelling has been designed for a seven-room house with bath and sleeping porch, and will be erected at the southwest corner of Hampel and Greenwood streets. Interior will be finished in pine with some elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared and when complete the work will be done by Day Labor.

SACRAMENTO, CAL.—Residences, 1 and 2 story and base, frame. Cost not stated. Architects, none. The following Day Labor jobs are reported as about to be started in Sacramento: E. E. Sydenscricker, 2504 O street, 1 story five-room house, \$2,500, and C. Valine, 2117 15th street, 1 story five-room house, \$1,500. Materials are now being purchased.

SAN JOSE, SANTA CLARA CO., CAL.—Cottage, 1 story and base, frame, \$2,000. Architect, none. Owner, Casper Lenar, northeast Josefa and San Salvadore streets, San Jose. The dwelling has been designed for a five-room house with bath. Interior will be finished in pine throughout. An automatic water heater will be installed. Bath room will have tile wainscot. There will be an open fire place and tile mantel. Exterior of the dwelling will be covered with rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, H. Stern. The dwelling has been designed for a seven-room house with bath and sleeping porch, and will be erected in Ingleside Terraces. Interior finish will be of pine and red-

wood with some hardwood veneer and oak floors. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will be finished in tile and will be equipped with shower bath. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, Ennl Nelson, 580 Jersey street, S. F. The dwelling will be erected on 15th avenue north of Anza street and has been designed to contain six rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be an open fire place and tile mantel. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Bungalows, 2, 1½ story and base, frame, \$2,800 each. Architect, none. Owner, N. J. Nelson, 4278 23rd street, S. F. These houses will be erected on Enrica street south of 22nd and each will contain six rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the living rooms. There will be open fire places and tile or brick mantels. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Residence, 1 story and base, frame, \$3,700. Architect, none. Owner, E. J. Lawler, 461 12th street, Oakland. The dwelling will be erected on Kelley avenue and will contain eight rooms and bath. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SACRAMENTO, CAL.—Residences, 2 1 story and base, frame, \$2,500 and \$1,200. Architect, none. Owners, John Passmussen, Monte Vista avenue, and William G. Gallagher, Kearny street, near Arroyo. The larger house will contain six rooms and the smaller five rooms. Interiors will be finished in pine throughout. There will be open fire places and tile mantels. Some hardwood floors will be used. Automatic water heaters will be installed. Bath rooms and kitchens will have tile wainscot. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

Contracts Awarded.

LOS ANGELES, CAL.—Residence, 2 story and base, frame and plaster, \$20,000. Architects, Butler Bros. Mason Bldg., L. A. Owner, David E. Spangler.

Contractors, Bntler Bros. Construction Co., Mason Bldg., L. A. Contract price, \$20,000.

SCHOOLS.

BERKELEY, ALAMEDA CO., CAL.—School dairy barn, frame and concrete. Cost not stated. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Plans are complete and figures are now being called for on the construction of a dairy barn for the State Institution of the Blind at Berkeley. Plans can be secured from the office of the State Engineer. Bids will be opened on July 23d.

BERKELEY, ALAMEDA CO., CAL.—School additions and alterations, frame construction. Cost not stated. Architect, none. Owners, City of Berkeley. Bids will be opened on June 16th for finishing two rooms at the Hawthorne School, finishing three rooms at each the Jefferson School and the Oxford School. Full particulars can be had from the Berkeley Board of Education. On June 23rd bids will be opened for a four-room art school addition to the school on Kittredge street. Construction will be of frame.

PITTSBURGH, CONTRA COSTA CO., CAL.—School, 2 story and base, brick. Cost not stated. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Pittsburgh Union High School District. The building will contain 23 class rooms, a large assembly hall, library, principal's office, teachers' rooms and departments for domestic science and manual training. There will be steam heat, a modern system of ventilation, vacuum cleaning and program clocks. Interior will be finished in pine with maple floors in the class rooms. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Bids will be opened on June 27th. Plans and specifications can be secured from the architect. An official proposal appears in another column of this issue.

VISALIA, TULARE CO., CAL.—Schools, 3, 1 story and base, frame. Cost not stated. Architect, H. Y. Davis, Visalia. Owners, Munson, St. John's and Buena Vista School Districts. These three buildings will each contain four class rooms. Interiors will be finished in pine throughout. Stoves will be used for heating. Composition blackboards are specified. Exteriors will be covered with rustic and ship-lap. Plans are complete and figures will be called for at once.

FRESNO, FRESNO CO., CAL.—School, 1 story, frame. Cost not stated. Architect, C. K. Kirby, Fresno. Owners, Biola School District. The building will contain two rooms and an assembly hall. Pine trim with maple floors in the class rooms will be used throughout. Composition blackboards are specified. Exterior of the building will be covered with rustic and ship-lap. Plans are complete and figures are now being taken. Bids close on June 20th. Plans can be secured from the architect.

BISHOP, INYO CO., CAL.—School alterations, repairs and heating system. Cost not stated. Architect, G. C. Clements, Johnson Bldg., Bishop. Owners, Bishop High School District. Plans have been completed for extensive alterations and repairs to the High school building and also for the instal-

lation of a new direct steam heating system. Bids are now being taken and will be opened on June 19th. Plans and specifications can be secured from the architect. An official proposal appears in another column of this issue.

BAKERSFIELD, KERN CO., CAL.—Schools, 4, 1 story and base, frame. Cost not stated. Architect, J. M. Saffell, New Fish Bldg., Bakersfield. Owners as follows: The Norris School, four rooms, costing about \$6,500, is out for figures. The Stone School, a four-room building costing \$5,500, is also out for figures; while the Brown-gold and Poplar Schools, three-room buildings costing \$5,000 each, will be out for figures next week. All four of the buildings will be erected in Kern County. Complete information can be secured from the architect.

PORTLAND, ORE.—Convent, 4 story and base, reinforced concrete, \$125,000. Architects, Jacobberger & Smith, Board of Trade Bldg., Portland. Owners, Sisters of the Good Shepherd. The building will be erected on the property bounded by Congress, Bryant, Al-bina and Dekum streets, and will cover an area of 210 by 145 feet. Construction will be fireproof. There will be large dormitories, a number of class rooms, dining rooms, kitchen, chapel and office. Interior will be finished in pine throughout. Plans provide for steam heat and elevator service. Exterior of the building will be faced with pressed brick. Separate bids are now being taken for the general contract and for the heating and ventilating.

Contracts Awarded.

RIVERBANK, STANISLAUS CO., CAL.—School, 1 story and base, frame, \$10,000. Architects, Woollett & Woollett, Newhall Bldg., S. F. Owners, Riverbank School District. Contractor, J. Schmidt, Oakland. Contract price, \$10,000.

SEWERS, STREET WORK AND WATER SYSTEMS.

SAN FRANCISCO—Street machinery. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids will be opened on July 1st by the Board of Public Works for furnishing and installing machinery in the Municipal Asphalt Plant. Plans can be secured from the City Engineer. An official proposal appears in another column of this issue.

OAKLAND, CAL.—Sewer pipe. Cost not stated. Engineer, City Engineer, Oakland. Owners, City of Oakland. Bids will be opened on June 18th for furnishing the city with sewer pipe for the coming year. Plans and specifications can be secured from the City Engineer.

CALIFORNIA—State Highway work. Cost not stated. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids were opened at the last meeting of the State Highway Commission for highway work in four counties. A complete list of these bids will be found under the heading of Sacramento in this issue.

SACRAMENTO, CAL.—Sewage-pumping plant and machinery, \$125,000. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. A new reinforced concrete pumping plant will

be erected at the sewerage farm at the northeast corner of Franklin and Riverside avenues in Sacramento. Plans are complete and figures are now being taken. Separate bids will be received for the construction of the building and the installation of the machinery. Bids will be opened on June 23rd. An official proposal appears in another column of this issue.

SACRAMENTO, CAL.—Oil storage tanks, steel construction, \$15,000. Engineer, Engineering Dept. Standard Oil Co., Standard Oil Bldg., S. F. Owners, Standard Oil Co. Work has been started by Day Labor on the construction of a number of steel oil tanks at Guthrie Station near Sacramento.

Contracts Awarded.

EXETER, TULARE CO., CAL.—Sanitary sewer system. Cost not stated. Engineers, Sloan & Robson, Nevada Bank Bldg., S. F. Owners, Town of Exeter. Contractor, C. D. Vincent, Oakland. Contract price, \$31,570.

LINDSAY, TULARE CO., CAL.—Street paving. Cost not stated. Engineers, Sloan & Robson, Nevada Bank Bldg., S. F. Owners, Town of Lindsay. Contractors, Federal Construction Co., S. F. Contract price, \$37,700.

DINUBA, TULARE CO., CAL.—Street work. Cost not stated. Engineers, Sloan & Robson, Nevada Bank Bldg., S. F. Owners, Town of Dinuba. Contractors, Ransome-Crummey Co., Oakland. Contract price, \$37,790.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Stores, 1 story and base, reinforced concrete, \$5,000. Architect, none. Owner, Jens Nissum, 5 Montgomery street. The building will be erected on Mission street near 23rd and will contain one store. Interior will be finished in pine. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Stores, 4 story and base. Class C construction. Cost not stated. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, Mrs. Hulda Floodberg. The building will be erected on the west side of Powell street between Sutter and Post and will have a frontage of 21 feet by a depth of 101 feet. There will be one store on the first floor. Upper floors will be arranged for club rooms and will be fitted up to suit the tenants. There will be steam heat, elevator service and a hot water supply. Metal window sash and frames are specified. Exterior of the building will be faced with pressed brick and terra cotta. Working drawings are nearly complete and figures will be called for shortly.

SAN FRANCISCO—Store alterations, 2 story and base. Class C construction. Cost not stated. Architect, Walter J. Mathews, 927 Broadway, Oakland. Owner, George T. Marye. This work will consist of the remodeling of the Marye Building at the corner of City Hall avenue and Market street so as to conform with the new Civic Center streets. The rear portion of the building is being wrecked and the front portion will be rearranged for store with lofts above. Robert Deware & Son have a contract for the brick work, and all other parts of the work are now being figured.

ANTIOCH, CONTRA COSTA CO., CAL.—Stores and offices, 2 story and base, Class C construction. Cost not stated. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owner, John McAravy. The building will be arranged for a number of stores on the first floor and offices above. Bids are now being taken for all parts of the work except the reinforced concrete work.

THEATRES.

Contracts Awarded.

SEATTLE, WASH.—Ice rink, 1 story and base, steel and brick, \$150,000. Architect's name not given. Owners, Patrick Bros., Vancouver. B. C. Contractors, Manhattan Co., Central Bldg., Seattle. Contract price, \$150,000.

SEALED PROPOSALS.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CANAL 857—Proposals for Granite for Dr. Dock, Shavings Exhaust system for Fanning Mill Steel Plates and Angles, Rivets, Bolts, Sheet Lead, Pipe Fittings, Valves, Lumber, and Dairy Feed.—Sealed proposals will be received at the office of the general purchasing officer, Panama Canal, Washington, D. C., until **10:30 a. m., June 25, 1914**, at which time they will be opened in public for furnishing the above mentioned materials. Blanks and general information articles relating to this circular (No. 857) may be obtained from this office or the offices of the assistant purchasing agent, 1688 N. Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; C. F. FOGGAS, major, corps engineers, U. S. A., general purchasing officer.

PROPOSALS FOR GENERATOR.

GENERATOR—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. Reclamation Service, Los Angeles, Cal., until **2 o'clock p. m., July 14, 1914**, for furnishing one vertical alternating-current generator for the Salt river project, Arizona. For particulars address U. S. Reclamation Service, 655 Federal Bldg., Los Angeles, Cal., or Washington, D. C. F. H. NEWELL, director.

PROPOSALS FOR OIL SYSTEM.

OIL SYSTEM AND BURNERS—Vancouver, B. C.—Sealed proposals, in triplicate, will be received until **11 a. m., July 1, 1914**, and then publicly opened for installation of fuel oil distributing system and oil burners here. Information furnished on application. Envelopes containing proposals should be addressed "Proposals for Fuel Oil System, etc." and addressed to the CONSTRUCTING QUARTERMASTER.

PROPOSALS FOR DREDGING.

DREDGING—U. S. Engineer Office, 405 Custom House, San Francisco, Cal.—Sealed proposals for dredging in San Joaquin River and Stockton, California, will be received here until **10 a. m., July 25, 1914**, and then publicly opened. Information on application. S. A. CHENEY, major, engineers.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS OF THE CITY AND COUNTY OF SAN FRANCISCO.

Sealed proposals will be received at the office of the board, between the hours of **2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 1st day of July, 1914**, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit: The furnishing and installing of machinery for Municipal Asylum Plant located at Florida street and Treat avenue.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, and must be commenced on or before (15) calendar days and completed within one hundred and twenty (120) calendar days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance of contract has been fixed at \$5,000.00.

All proposals offered must be accompanied by a check, certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposals must be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works, **RICHARD J. CLINE, Secretary.**

NOTICE FOR PROPOSALS.

NOTICE is hereby given that sealed proposals will be received by the City Commission of the City of Sacramento, at the Council Chamber thereof, in the City Hall Building on I street, between Ninth and Tenth streets, of the said City of Sacramento, between the hours of **10:30 o'clock a. m. and 1:30 o'clock p. m., on Tuesday, June 23, 1914**, for furnishing all material, labor, appliances and apparatus necessary for the erection and entire completion of a reinforced concrete sewage pumping station, and constructing the same at the northeast corner of the said Ninth and Riverside avenues in accordance with the drawings and specifications on file in the office of the City Engineer.

All such proposals must comply with the requirements of the new Charter of the City of Sacramento, effective July 1, 1912, and bidders are hereby cautioned that no bid which fails to comply therewith can be considered.

Bids must be submitted upon printed forms prepared by the City, copies of which, together with a circular of instructions, will be supplied free upon application to the undersigned.

The successful bidder must give bond to the City of Sacramento in the sum of \$25,000, conditioned for the faithful performance of the contract and containing the stipulations prescribed in Section 103 of the new Charter.

A certified check made payable to the City Clerk for not less than ten per cent of the aggregate of the proposal must accompany each bid.

The right to reject any and all bids reserved to the City by the provisions of said Charter.

M. J. DESMOND,
City Clerk of the City of Sacramento,
County of Sacramento, State of California. Office: City Hall, Sacramento, California.

NOTICE FOR PROPOSALS.

NOTICE is hereby given that sealed proposals will be received by the City Commission of the City of Sacramento, at the Council Chamber thereof, in the City Hall Building on I street, between Ninth and Tenth streets, of the said City of Sacramento, between the hours of **10:30 o'clock a. m. and 1:30 o'clock p. m., on Tuesday, June 23, 1914**, for furnishing and installing within pumping station, to be erected at the intersection of Franklin avenue and the Riverside Road (so called), in the City of Sacramento, complete pumping machinery and equipment with all necessary auxiliaries, appliances, attachments, and tools for the complete and efficient operation of said pumping station according to the plans and specifications on file in the office of the City Engineer.

The capacity of the pumping plant will be 100 gallons per day, and the plant must be completed before December 1, 1914.

All such proposals must comply with the requirements of the new Charter of the City of Sacramento, effective July 1, 1912, and bidders are hereby cautioned that no bid which fails to comply therewith can be considered.

Bids must be submitted upon printed

ed forms to be prepared by the city, copies of which, together with a circular of instructions, will be supplied free upon application to the undersigned.

The successful bidder must give bond to the City of Sacramento in the sum of \$25,000 conditioned for the faithful performance of the contract and containing the stipulations prescribed in Section 103 of the new Charter.

A certified check made payable to the City Clerk for not less than ten per cent of the aggregate of the proposal must accompany each bid.

The right to reject any and all bids reserved to the City by the provisions of said Charter.

M. J. DESMOND,
City Clerk of the City of Sacramento,
County of Sacramento, State of California. Office: City Hall, Sacramento, California.

NOTICE TO CONTRACTORS.

SEALED proposals will be received at the office of the California Transportation Company at Front and M streets, City of Sacramento, on **June 19, 1914, at 10 a. m.** for the construction of a reinforced concrete wharf with a superstructure as shown on plans, and in accordance with specifications on file in the office of the City Engineer of the City of Sacramento. Bidders will be requested in submitting their proposals to place a check in an amount equal to ten per cent of their bid, certified to by some responsible bank, as an evidence of good faith. **E. J. ANDERSON,**
Pres. California Transportation Company.

NOTICE TO CONTRACTORS.

SEALED bids will be received by the Board of Trustees of Bishop Union High School, at Bishop, Cal., on **June 19, 1914, at 10:30 a. m., Friday, June 19, 1914**, for the furnishing of all labor and materials necessary to remodel the present Bishop Union High School building, location Bishop, Inyo County, Cal. Also to install a direct steam heating and venting system.

Bids for remodeling building and installing heating plant to be let separately.

All work to be done in strict accordance with plans and specifications on file with Helen M. Doyle, Clerk.

Plans can be had from G. C. Clements, architect, Johnson building, East Line street.

All bids must be sealed, addressed, or delivered to Helen M. Doyle, Clerk.

Each proposal or bid must be accompanied by a certified check on some solvent bank, payable to the Board of Trustees of the Bishop Union High School, in the sum of ten per cent of the amount of bid, or the same will not be considered when the award of contract is made.

A bond in the sum of 50 per cent of contract price will be required for the faithful performance of the contract.

The sureties thereon must be satisfactory to the Board of Trustees of Bishop Union High School.

Proposals will be opened at 2 p. m. The right to reject any and all bids is reserved.

By order of the Board of Trustees of Bishop Union High School.

W. P. YANNEY, Pres.

NOTICE TO DESIGNING ENGINEERS.

Competition plans and specifications for reinforced concrete bridges as follows:

Over Ash Slough at Chowchilla, Madera Co., Cal., 600 feet long. Roadway 21 feet wide.

Over First Slough south of Berenda Madera Co., Cal., 70 feet long. Roadway 21 feet wide.

Over Second Slough south of Berenda Madera Co., Cal., 70 feet long. Roadway 21 feet wide.

Over Cottonwood Creek, south of Borden, Madera Co., Cal., 175 feet long. Roadway 21 feet wide.

Over Cottonwood Creek, two miles south of Borden, Madera Co., Cal., section line between sections, T. 12 S., R. 18 E., 200 feet long. Roadway 20 feet wide.

Over Cottonwood Creek, nine miles northeast of Madera, Madera Co., Cal., on the north line of section 5, T. 11 S., R. 14 E., 140 feet long. Roadway 20 feet wide.

W. R. BRODE, Pres. LOUIS R. HOLM, Sec. R. J. BRODE, Vice-Pres.

BRODE IRON WORKS

Established 1866—Incorporated 1913
Tel. Kearny 2464.

Fabricators and Contractors of Structural Steel and Ornamental Iron Work

Office & Works: 31-37 Hawthorne St., bet. Howard & Folson Sts., San Francisco, Cal.

Over Fine Gold Creek, 20 miles northeast of Madera, Madera Co., Cal., in section 1, T. 9 S., R. 21 E., 133 feet long. Roadway 16 feet wide.

Over Fine Gold Creek, about 35 miles northeast of Madera, Madera Co., Cal., in section 31, T. 8 S., R. 22 E., 155 feet long. Roadway 16 feet wide, will be received by the Board of Supervisors of the County of Madera, State of California, at the office of the County Clerk, in the Court House, in the City of Madera, County of Madera, State of California, up to 10 o'clock a. m. June 20th, 1914.

The elevations of the ground lines and the roadway grade will be furnished by the County Surveyor.

The bridges must be designed to conform with the Standard Specifications of the State Highway Commission of the State of California. Complete bridges as to loading capacity.

The Honorable Board of Supervisors of said County will pay the customary engineering fees based on the contract price for such plans upon which the contracts are awarded.

There will be no fills included in this work, except the back filling of all excavations necessary to construct the bridges; ballasting will be included but no floor surfacing.

In all cases except the 140-foot bridge above, there exist old timber trestles on the sites which the contractor will be required to remove using what material desired, but the remaining material continues to be the property of the County of Madera.

Each competitor shall submit, together with his Plans and Specifications, a segregated estimate of the cubic yards of excavation, cubic yards of concrete (classified) and the number of pounds of steel entering into the construction of each of the several bridges.

All specifications must include a clause requiring Contractors to furnish liability insurance.

By order of the Board of Supervisors of Madera County, State of California, made and entered on the 4th day of June, 1914.

W. R. CURTIN,

County Clerk and ex-officio Clerk of the Board of Supervisors of Madera County, State of California.

NOTICE TO CONTRACTORS.

NOTICE is hereby given that the Pittsburg Grammar School Board of the Pittsburg Grammar School District in the County of Contra Costa, State of California, will receive written proposals or bids up to 12 o'clock noon on the 27th day of June, 1914, for the construction of a grammar school building on the lot of land situate, lying and being in the block bounded by Black Diamond street on the west, Eighth street on the north, Tenth street on the south and the property of the Southport Land and Commercial Company on the east, said building a frontage of 500 feet on Black Diamond street, and frontages of 250 feet on Eighth and Tenth streets respectively in the City of Pittsburg in said Pittsburg Grammar School District, County of Contra Costa, State of California.

Also for a heating and ventilating plant, equipment and apparatus for the same. Bids for said heating and ventilating plant and equipment to be received by the board for the construction of said building.

W. Cornelius, Merchants' National Bank Building, 623 Market street, San Francisco, is the architect for said Pittsburg Grammar School Board.

The Pittsburg Grammar School Board will require the Contractor to construct, erect and complete the said building within five (5) months from the date of signing the contract, there of, unless prevented by strikes or other unavoidable delays.

Each proposal or bid must be accompanied by a check or bond. The check

must be certified by a responsible bank payable to the order of the said Pittsburg Grammar School Board in the sum of Ten (10) per centum of the amount of the proposal or bid.

After the award and execution of the agreement, or if all proposals or bids shall be rejected, the said Pittsburg Grammar School Board will return each bidder the check herein required to accompany said bid.

If bond accompanies proposal or bid, the bond shall be in the sum of twenty-five (25) per centum of the amount of the proposal or bid.

The Pittsburg Grammar School Board reserves the right to reject any and all bids.

A. H. JONGENEEL, Clerk.

ATTENTION ARCHITECTS.

THE Kentfield School Trustees invite the submission of sketches showing the floor plans, front and elevations for a four-room Mission style school building to be located on the school lot near the Stadium, Tamalpais Center. Plans should be drawn with the idea of future additions to the building to a size of 1000 ft. building completed with plumbing, ventilating, bathing, etc., must not exceed \$12,500. Plans to be forwarded to the Clerk of the School Trustees, Mr. T. W. West, at Kentfield, not later than June 20th, 1914. For further information apply to the clerk of the Board.

JOE BROOKS,

GEO. E. BENNETT,

Clerk.

NOTICE TO CONTRACTORS.

SEALED proposals will be received by the Missouri Commission to the Panama-Pacific International Exposition, San Francisco, California, for the erection of the Missouri State Building on the Exposition Grounds in San Francisco, California.

Copies of plans and specifications can be procured by applying to R. S. Bogie, 311 Merchants' National Bank Building, San Francisco, California, or to the California applications must be made.

Bids will be opened at the office of the Architect of the Missouri Commission, H. H. Hohenschulz, at 311 and 312 Navarre Building, St. Louis, Mo., at 9 o'clock a. m. June 25th, 1914, and bids must be delivered or sent under registered mail so as to reach Architect at time named.

JOHN L. McNATT, Chairman,

NORMAN M. VAUGHAN,
Secretary Missouri Commission.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened at this office on 2 p. m. June 30, 1914, for the construction complete (including mechanical equipment, lighting fixtures and approaches) of a one-story basement and mezzanine stone-faced building of 6,000 square feet ground area, fireproof construction, for the United States post office at Greeley, Colo. Drawings and specifications may be obtained from the custodian at Greeley, Colo., or at this office, in the discretion of the supervising architect, O. WENDERTH, supervising architect.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened at this office on 2 p. m. July 20, 1914, for the construction complete (including mechanical equipment, interior lighting fixtures and approaches), of the United States

post office at Hozeman, Mont. Two-story and basement building, ground area 1,900 square feet, partially fireproof construction, stone and brick facing and composition roof. Drawings and specifications may be obtained from the custodian of site at Hozeman, Mont., or at this office, in the discretion of the supervising architect, O. WENDERTH, supervising architect.

PROPOSALS FOR POWER PLANT.

POWER PLANT—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Fallon, Nevada, until 2 o'clock p. m. June 25, 1914, for the lease from the United States of the electric power plant at Lahontan, Truckee-Carson Project, Nevada. For particulars address the United States Reclamation Service at Washington, D. C., Fallon, Nevada, or 605 Federal Building, Los Angeles, Cal. A. P. DAVIS, chief engineer.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, 9:00 A. M. Tuesday, June 23rd, 1914, for Chairs For Exposition Auditorium Building and Festival Hall in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per centum of the amount of the bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing of \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

PROPOSALS FOR INTERIOR STONE WORK.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 25th day of June, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit: Interior stone work for the City Hall.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be completed within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within three hundred and eighty (380) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$50,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of

the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.
RICHARD J. CLINE,
Secretary.

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal., June 6, 1914.—SEALED PROPOSALS, in triplicate, for the removal of macadam roads at the Presidio and Ft. Winfield Scott, Cal., will be received here until 11 A. M., June 20, 1914, and then opened. Plans, specifications, etc., can be obtained here, deposit of \$10.00 required to insure return of plans, etc. Proposals to be enclosed in sealed envelopes and addressed to GEO. C. K. WILLIAMSON, LT. COL., Q. M. C.

NOTICE TO CONTRACTORS.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 1000 N. M. Thursday, June 18, 1914, for Constructing Press Building, in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be retained upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$25.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Twenty-five Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 1000 N. M. Thursday, June 18, 1914, for Constructing The Ferry Building, in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with

the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$25.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Twenty-five Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

PROPOSALS WANTED FOR FURNISHING AND EQUIPPING FOR NEW SAN FRANCISCO HOSPITAL.

SEALED PROPOSALS FOR FURNISHING THE REQUIRED

Furniture, White Enamel Furniture, China, Glassware and Enamelware, Cutlery and Kitchen Utensils, Bedding, Linen and Clothing, X-Ray Apparatus,

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, not carefully classified as to location. These same items are repeated in the fore part of the news department under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE — 2 story and base, frame, \$3,500. San Francisco. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, Thomas Whalen. The dwelling has been designed for a six-room house with bath and will be erected on 13th avenue south of Balboa street. Interior finish will be of pine and redwood with some hardwood floors. There will be an open fire place in the living room. Mantel will be of tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic and shingles. Plans are now being prepared.

RESIDENCE — 2 story and base, frame, \$3,000. San Francisco. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner's name withheld. The dwelling will be erected in the Crocker Amazon Tract and has been designed for a six-room dwelling with bath. Interior finish will be of pine and redwood. Oak floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with shiplap. Plans are now being prepared.

RESIDENCE — 2 story and base, frame, \$10,000. San Francisco. Architects, Richetti & Headman, Phelan Bldg., S. F. Owner, Laura S. Nathan. The dwelling will be erected on Jones street south of Glover, and has been designed for a ten-room house with three baths and sleeping porch. Interior finish will be of pine and hardwoods. There will be furnace heat and open fire places. Mantels will be

Surgical Instruments.

for the new San Francisco Hospital will be opened in open session of the Board of Supervisors on June 20th, 1914, at 3 p. m.

Proposal blanks furnished on application.
J. S. DUNNIGAN, Clerk.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Superintending Architect's Office, Washington, D. C. May 19, 1914.—SEALED PROPOSALS will be opened in this office at 3 P. M., June 18, 1914, for the construction complete (including mechanical and approaches) of the United States post office at Hanford, Cal. The building is one-story, with a mezzanine and basement, with a ground area of approximately 1,550 square feet; stone, stucco, and terra cotta facing; composition and tile roof; first floor of fireproof construction. Drawings and specifications may be obtained from the custodian of site at Hanford, Cal. or at this office, in the discretion of the Supervising Architect, O. WENDE-ROTH, Supervising Architect. Construction complete (including mechanical equipment, interior lighting fixtures, and approaches) of the United States post office at Brigham City, Utah, two-story building; ground area, 3,700 square feet; first floor fireproof; stone and brick facing; composition roof. Drawings and specifications may be obtained from the custodian of site at Brigham City, Utah, or at this office, in the discretion of the Supervising Architect, O. WENDEROTH, Supervising Architect. (*)

of tile or brick. Hardwoods floors will be used in the living room, dining room library and reception hall. A garage will also be erected on the lot. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of both the garage and dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

STATE EXHIBIT BUILDING — 2 story, frame and plaster, \$14,964. San Francisco. Architect, A. F. Heide, 46 Kearny street, S. F. Owners, State of Washington. Bids opened on June 10th for this work show Dunnivant-Houghton-Van Sant Co., Hooker-Lent Bldg., S. F. low at \$4,964. They will probably be awarded the contract. A complete list of the figures for this work will be found under the heading of San Francisco in this issue.

STATE EXHIBIT BUILDING — 2 story, frame and plaster. Cost not stated. San Francisco. Architect, State Architect, Topeka, Kan. Owners, State of Kansas. A report from President Reid of the Kansas Committee at Topeka, Kan., states that the three lowest men will meet with the members of the Committee and the Kansas State Architect in this city on June 30th to confer on the award of the contract for the Kansas State building to be erected at the Panama-Pacific Exposition. All three men are reported as being San Francisco men.

APARTMENT HOUSE — 5 story and base. Class C construction, \$45,000. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, Walter S. Sullivan. The building will be erected at the corner of Sacramento and Taylor streets, covering an area of 40 by 50 feet. Interior will be arranged for a number of two

and three room suites, all of which will have wall beds and private bath rooms. Pine and elm panels will be used for interior finish together with some hardwood floors. Plans provide for steam heat, elevator service and a hot water plant. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

APARTMENT HOUSE—6 story and base. Class C construction. Cost not stated. San Francisco. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owner, H. A. Voorman. The building will be erected at the northwest corner of Bush and Mason streets, covering an area of 68 feet 9 inches by 90 feet. Upper floors have been arranged for a total of twenty-three suites of two and three rooms. Interior will be finished in pine with some hardwood veneer. All apartments will have private baths and wall beds. Plans provide for steam heat, elevator service and a hot water and vacuum cleaning system. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are complete and segregated figures are being taken on all parts of the work except the plain and reinforced concrete work, which has been awarded to Arthur Arlett for \$7,350.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architect, none. Owner, John Bianchi, 3702 Folsom street, S. F. The building will be erected at the southeast corner of Cortland avenue and Folsom street, covering an area of 41 by 46 feet. There will be eight apartments of four rooms each. Interior finish will be of pine and redwood. Each apartment will have an open fire place with brick mantel. There will be private baths and wall beds. Exterior of the building will be covered with rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

APARTMENT HOUSE—7 story and base. Class A construction. Cost not stated. San Francisco. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owner's name withheld. The building will be erected on a corner lot in the Fifty Vara District, and has been arranged for but six apartments, one to each of the first five floors while the upper two floors will contain but one apartment. There will be a complete steel frame, brick exterior walls, faced with pressed brick and terra cotta, hollow tile and metal lath and plaster interior partitions and concrete floors. Interior decoration and finish will be to suit the tenants. Each apartment will have three baths. Hardwood trim and hardwood and inlaid floors will be used extensively. There will be steam heat, elevator service, vacuum cleaning and a hot water supply. Plans are nearly ready for figures.

APARTMENT HOUSE—5 story and base, steel and reinforced concrete. Cost not stated. San Francisco. Architects, Rousseau & Rousseau, Monarch Bldg., S. F. Owner's name withheld. The building will be erected on the south side of O'Farrell street east of Hyde, and has been designed to contain a total of 24 suites of two and three rooms. There will be a complete steel frame, reinforced concrete walls

and metal lath partitions. Interior finish will be of pine with some elm panels. Plans provide for steam heat, an automatic elevator and hot water supply. Some hardwood floors will be used. All apartments will have wall beds and private bath rooms. Bath rooms will be finished in tile and will have composition floors. Exterior of the building will be faced with pressed brick and terra cotta. Plans are now being prepared.

CHURCH—1 story and base, frame, \$15,000. San Francisco. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, St. Mary's Star of the Sea. The building will be erected at the northwest corner of Geary and 8th avenue, and will contain the main auditorium seating in the neighborhood of 700 people and Sunday school rooms. Interior finish will be of pine with some ornamental plaster in the auditorium. Art glass windows are specified. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architect, Paul F. de Mott, 125 Powell street, S. F. Owner, Mr. Wilson. The building will be erected on Collins street near Geary and has been designed to contain four flats of five rooms each. Interiors will be finished in pine and redwood with some oak floors. There will be an open fire place in each living room. Mantels will be of tile. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

FLATS—3, 2 story and base, frame, \$4,000 each. San Francisco. Architect, none. Owners, C. J. and W. J. Keenan, 300 Webster street, S. F. These buildings will be erected on the north side of Hayes street west of Central avenue, each covering an area of 25 by 60 feet. There will be two modern flats in each building. Interiors will be finished in pine, redwood and elm panels. Hardwood floors will be used in the principal rooms. Each living room will have and open fire place and tile mantel. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be installed. Exterior of the buildings will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

FLATS—2, story and base, frame, \$4,000. San Francisco. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner, F. Gottlicher. The building will have a frontage of 25 feet and a depth of 52 feet. There will be two flats of five rooms each. Interiors will be finished in pine throughout. There will be a large open fire place in each living room. Mantels will be of tile. Automatic water heaters will be installed. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with rustic with a brick veneer. Plans are complete and figures are being taken.

FLATS—2, 2 story and base, frame, \$5,000 each. San Francisco. Architect, none. Owners, C. J. and W. J. Keenan, 300 Webster street, S. F. These buildings will be erected on the west side of Central avenue south of Hayes, and each will contain four flats of four and

five rooms. Interiors will be finished in pine with some elm panels and hardwood floors. There will be open fire places and tile mantels. Automatic water heaters will be installed. Bath rooms and kitchens will have tile wainscot. Interiors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

ADMINISTRATION BUILDING—3 story and base, reinforced concrete. Cost not stated. Presidio of San Francisco. Engineer, Constructing Quartermaster's Office, Fort Mason, Engineers, United States Government. Authorization has been received from the War Department to prepare plans for a building 100 by 500 feet which will house the Government's display at the Exposition and which will later be used as a general administration building for the Presidio. The structure will be of reinforced concrete and will be erected on the center axis of the Presidio Parade grounds. Bids will not be called for within two months. Further mention will then be made of the work.

HOTEL—3 story and base, reinforced concrete, \$25,000. San Francisco. Architect, O. R. Thayer, Merchants' National Bank Bldg., S. F. Owner's name withheld. The building will be erected on Polk street near Bush, and will contain stores in the first floor besides the hotel lobby. Upper floors will contain in the neighborhood of 50 guest rooms and a number of public baths. Interior finish will be of pine throughout. There will be steam heat and a hot water system. Bath rooms will be finished in tile and will have composition floors. Patent store fronts and marble wainscot are specified. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

HOTEL—7 story and base. Class C construction, \$75,000. San Francisco. Architect, L. R. Dutton, Chronicle Bldg., S. F. Owner, A. W. Maltby. The building will be erected on the south side of Ellis street east of Mason, having a frontage of 52 feet and a depth of 100 feet. There will be stores besides the lobby on the first floor. Upper floors will contain 84 rooms and 70 baths. Interior finish will be of pine and hardwood. Plans provide for steam heat, elevator service, vacuum cleaning and a hot water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, H. Stern. The dwelling has been designed for a seven-room house with bath and sleeping porch, and will be erected in Ingleside Terraces. Interior finish will be of pine and redwood with some hardwood veneer and oak floors. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will be finished in tile and will be equipped with shower bath. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, Emil Nelson,

580 Jersey street, S. F. The dwelling will be erected on 15th avenue north of Anza street and has been designed to contain six rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be an open fire place and the mantel. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BUNGALOWS—2, 1½ story and base, frame, \$2,000 each. San Francisco, Architect, none. Owner, N. J. Nelson, 4278 23rd street, S. F. These houses will be erected on Eureka street south of 22nd, and each will contain six rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the living rooms. There will be open fire places and tile or brick mantels. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exterior will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RAILROAD CONSTRUCTION—Cost not stated. San Francisco, Engineer, Constructing Quartermaster's Office, Fort Mason, Owners, United States Government. Bids opened for the construction of a railroad connecting the Fort Mason Tunnel with the Army Transport Docks show the Contra Costa Construction Co. low at \$27,982. They will probably be awarded the work. A complete list of the bids received will be found under the heading of San Francisco in this issue.

APARTMENT HOUSE—4 story and base, brick and steel, \$75,000. San Francisco, Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owners, William Hendrickson, trustee. The building will be erected on the north side of Sutter street west of Taylor street. The building will contain a total of 24 suites of two and three rooms, besides a large lobby and amusement room. Interior finish will be of pine, oak and other hardwoods. Hardwood floors will be used in the living rooms. There will be steam heat, automatic passenger and freight elevators, a vacuum cleaning system and hot water supply. All apartments will have wall beds and private bath rooms. Baths will be finished in tile and will have composition floors. Entrance will be finished in marble. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures will be called for on one.

WATER SUPPLY SYSTEM—Cost not stated. San Francisco, Engineer, Constructing Quartermaster's Office, Fort Mason, Owners, United States Government. Bids opened by the Constructing Quartermaster for the construction of an additional water supply system at Fort Winfield Scott show Pringle-Dunn Co. low at \$14,53. Bids for furnishing and installing oil burners at the Letterman General Hospital show S. F. Johnson low at \$1,454. A complete list of these figures will be found under the heading of San Francisco in this issue.

RAILROAD WORK—Overhead construction. Cost not stated. San Fran-

cisco. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for overhead construction on the Municipal Railroads under contract No. 25 show H. S. Tuttle low at approximately \$40,000. The Bay Cities Engineering Co. and the Power Equipment Co. were the only other bidders.

STREET MACHINERY—Cost not stated. San Francisco, Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids will be opened on July 1st by the Board of Public Works for furnishing and installing machinery in the Municipal Asphalt Plant. Plans can be secured from the City Engineer. An official proposal appears in another column of this issue.

STORES—1 story and base, reinforced concrete, \$5,000. San Francisco, Architect, none. Owner, Jens Nissum, 5 Montgomery street. The building will be erected on Mission street near 23rd and will contain one store. Interior will be finished in pine. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

STORES—4 story and base, Class C construction. Cost not stated. San Francisco, Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, Mrs. Hulda Floodberg. The building will be erected on the west side of Powell street between Sutter and Post and will have a frontage of 21 feet by a depth of 101 feet. There will be one store on the first floor. Upper floors will be arranged for club rooms and will be fitted up to suit the tenants. There will be steam heat, elevator service and a hot water supply. Metal window sash and frames are specified. Exterior of the building will be faced with pressed brick and terra cotta. Working drawings are nearly complete and figures will be called for shortly.

STORE ALTERATIONS—2 story and base, Class C construction. Cost not stated. San Francisco, Architect, Walter J. Mathews, 927 Broadway, Oakland. Owner, George T. Marye. This work will consist of the remodeling of the Marye Building at the corner of City Hall avenue and Market street so as to conform with the new Civic Center streets. The rear portion of the building is being wrecked and the front portion will be rearranged for store with lofts above. Robert DeWare & Son have a contract for the brick work and all other parts of the work are now being figured.

Contracts Awarded.

STATE EXHIBIT BUILDING—2 story, frame and plaster, \$89,000. San Francisco, Architect, James B. Dihelka, Chicago. Owners, State of Illinois. Contractors, Lange & Bergstrom, Sharon Bldg., S. F. Contract price, \$89,000. The original figures of the two lowest bidders, Lange & Bergstrom and the Denell Construction Co., were \$96,000 and \$95,000 respectively. Some changes were made in the original specifications, and the two low men were asked to refigure.

TURKISH BUILDING—1 and 2 story, frame and plaster, \$40,000. San Francisco. Architect's name not given. Owners, Turkish Government, Contractors, Northwest Construction Co., Mer-

chants' Exchange Bldg., S. F. Contract price, \$40,000.

APARTMENT HOUSE—3 story and base, frame, \$16,000. San Francisco. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, Mr. Revilli, Contractors, Ratto & Ratto, S. F. Contract price, \$11,000. Note: This price does not include the lumber or mill work or plastering.

CITY HALL MARBLE WORK.

The contract for interior marble work for the new City Hall, has been awarded to Joseph Musto Sons-Keenan Company for the amount of \$234,860.

This is the largest single contract for marble work ever let on the Pacific Coast, and the artistic treatment of the public offices and corridors is particularly effective.

The Joseph Musto Sons-Keenan Co. has extensive marble plants in this City and Los Angeles and has just completed the interior marble work for the Oakland City Hall, the amount of this contract being \$105,000.

They have also under way the exterior and interior marble work for the Hobart Building, in the execution of which it is contemplated to make a record for prompt delivery and artistic workmanship.

Architectural Club Wins Scholarship.

Local Club Members Carry Away All Three Prizes in Annual Scholarship Competition.

Each year for three successive years a member of the San Francisco Architectural Club has won the thousand dollar Ecole Beaux Arts Scholarship prize offered by the Architectural League of the Pacific Coast. In this year's competition the first, second and third prizes were won by members of the local club. P. J. Weber, employed by Shea & Lofquist, won the much coveted first prize; F. Allamand Jr., employed by the Toyland concession at the Exposition, second and Fred M. Kramer, employed by Bliss & Faville, won third place.

The Architectural League of the Pacific Coast was organized in 1909, with clubs in San Francisco, Los Angeles and Seattle, and each year since the League has offered an annual scholarship prize of one thousand dollars using the problems prepared by the New York Society of Ecole Beaux Arts in awarding the same. This year's problem consisted of the design of a Custom House for the United States and required the preparation of complete floor plans, one section and the facade. Judges were selected from among the members of the New York Society of Ecole Beaux Arts, which includes such well known members of the architectural profession as Cass Gilbert, Paul Cret and Henry Bacon.

Architectural Clubs included in the League of the Pacific Coast are those of the University of California, San Francisco, Los Angeles, Portland, Seattle and Denver. Members from each of these submitted designs and the local club takes great pride in the fact that all three winning designs were worked up in its atelier. The patrons of the San Francisco Architectural Club's atelier are Architects John Baur,

Arthur Brown Jr., and L. Bourgeois, to whom much credit is due for their valuable criticism of the students work.

C. L. Harrison of the San Francisco Architectural Club won the 1913 scholarship and Edward L. Frick won the 1912 scholarship. Edward L. Frick has been in Paris for the last two years and this year was awarded the Grand Prix at the Ecole Beaux Arts out of a class of over nine hundred students, an honor which has not been conferred upon an American student in Paris in over fifteen years.

A large number of the designs submitted in this year's competition, including the three winning designs, are now on display in the rooms of the San Francisco Architectural Club, 126 Post Street, where they may be viewed by the public.

Two Local Firms Low On Illinois Building.

Local Representative Cramer of Chicago Receives Advice That Low Men Will Be Figure Work.

Guy Cramer, local representative of the Illinois State Building Committee, 302 Lachman Bldg., has received word from Chicago, where bids for the construction of the Illinois Building at the Panama-Pacific Exposition were opened, to the effect that Lange & Bergstrom and the Denell Constr. Co. are the two lowest bidders. Mr. Cramer's advice further states that it will probably be necessary to make some revisions in the plans and specifications and that the work will be re-figured by several of the lowest bidders.

The Illinois State Building was designed by the State Architect, James B. Dibelka of Chicago, and will cost in the neighborhood of \$90,000. Included in the work are iron stairways, metal windows, concrete foundations and other materials of a more permanent nature than has been specified in the other buildings.

Bids Opened For Government Work.

Bids Opened For a Water Supply System at Fort Winfield Scott and for Oil Burner System.

Bids were received recently by the Constructing Quartermaster at Fort Mason for constructing a new water system at Fort Winfield Scott. Pringle-Dunn & Co. were low at \$4,460. S. F. Johnson presented the low figure for installing an oil burning system at the Letterman General Hospital at \$1,484. Following is a complete list of the bids:

Water System, Fort Winfield Scott.	
R. C. Gonnill.....	\$ 4,460
Turner Co.....	5,750
Pringle-Dunn & Co.....	4,453
Contra Costa Constr. Co.....	4,686
M. Murphy.....	11,800
W. P. Scott.....	7,540
D. Rogers Co.....	5,857
Oil Burners at Letterman Hospital.	
T. J. Jarvis.....	\$2,746.00
American Heat & Power Co.....	1,527.25
S. F. Johnson.....	1,484.00

Bids For Railroad Work, Fort Mason.

Contra Costa Construction Co. Will Be Awarded Work for Fort Mason Tunnel Railroad Construction.

Six sets of figures were opened in the office of the Constructing Quartermaster at Fort Mason for constructing railroad tracks connecting the Fort Mason Tunnel and the Army Transport Docks. Contra Costa Construction Co. presented the lowest figure at \$27,892 and they will probably be awarded the contract.

Railroad Construction, Fort Mason	
Contra Costa Construction Co.....	\$27,892
H. L. Petersen & Grier.....	35,000
Carnahan & Mulford.....	34,839
Mahoney Bros.....	30,000
Blake & Bilger Co.....	33,935
Pringle-Dunn & Co.....	36,300

Washington State Building Bids.

Dunnivant-Houghton-Van Sant Co. of San Francisco Low Men and Will Be Awarded Contract.

(By Special Wire)
SEATTLE, WASH., June 11, 1914.—Bids were opened today by the Washington Commission to the Panama-Pacific Exposition for the construction of the Washington State Building in San Francisco. Dunnivant-Houghton-Van Sant Co., of San Francisco, presented the lowest figure at \$44,964 and will probably be awarded the contract as the bid is well within the amount available.

The Washington State Building will be a two-story and a half structure of frame and plaster, designed by Architect A. F. Heide of San Francisco. A complete list of the bids as opened follows:

Washington State Exhibit Building.	
Dunnivant-Houghton-Van Sant Company	
T. E. Young.....	\$44,964
Baker & Welsh.....	45,971
Lester H. Stock.....	46,374
Strehlow, Freese & Peterson.....	47,973
L. A. Williams & Son.....	48,200
James McLaughlin.....	49,450
Boyd, Kerr & McLean.....	49,995
W. W. Hayes.....	50,872
W. A. Newsom.....	50,933
James S. Sampson.....	51,400
A. F. Devereaux.....	51,993
Monson Bros.....	52,700
Foster-Vogt Co.....	52,987
Lange & Bergstrom.....	53,458
J. D. Hannah.....	54,910
F. L. Hanson.....	56,000
Sound Eng. & Constr. Co.....	56,900
J. H. Ryckman.....	59,900
Murphy, Brooks Co.....	59,980
Knowles & Relchley.....	64,978

City Bids Opened.

Bids were opened at the Wednesday afternoon session of the Board of Public Works for furnishing overhead electric work for the Municipal Railroads under Contract No. 25. H. S. Tittle presented the low figure while

the Bay Cities Engineering Co. and the Power Equipment Co. were the only other bidders. The contract will approximate \$40,000.

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Am't.
1917	Pegnum	Nilsson	1875
1918	Kenzie	Moore	1400
1919	Schlesinger	Mowbray	9000
1920	Jonopoulos	Dravillas	1000
1921	Potter	Ray	400
1922	Post St. Garage	Owner	1500
1923	Goetjen	Orchard	700
1924	Royal	Nimmo	400
1925	Carsey	Raupt	450
1926	Cit Fruit Cannery	Owner	1000
1927	Chiomo	Eldridge	850
1928	Flinn	Flinn	400
1929	Kenzie	Moore	1400
1930	Cong Ohabai	Owner	1100
1931	Thomas	Thomas	1000
1932	Wakelee	Wakelee	400
1933	Koperski	Koperski	1500
1934	Norton	Serguson	710
1935	Clute	Novely	400
1936	Bertolino	Bertolino	1000
1937	City & Co of S F.	Wood	35,845
1938	Same	Davis	13,014
1939	Same	Hand	6400
1940	Same	Elect Elec	1060
2001	Turner	Mitrovich	4200
2002	Same	Anderson	2990
2003	Same	Mulchay	3000
2004	Moeller	Leigh	1363
2005	Virgilio	Orselli	1600
2006	Blanchi	Blanchi	9800
2007	Goetjen	Haun	400
2008	Hock	Hock	900
2009	Sparrow	Sparrow	400
2010	Ceschl	Ceschl	1000
2011	Bab	Bab	900
2012	Barry	Lurman	400
2013	Mataro	Mataro	1800
2014	Gonnolly	De Martini	400
2015	Halsted	Born	9800
2016	Fouiks	Hamill	3250
2017	Meierdierks	Weisman	650
2018	Bidwell	Baldwin	650
2019	James	James	500
2020	Keenan	Keenan	5000
2021	Keenan	Keenan	5000
2022	Keenan	Keenan	4000
2023	Keenan	Keenan	4000
2024	Keenan	Keenan	4000
2025	Ellingsen	Wengard	2465
2026	McMullen	O'Neill	1584
2027	Acad'y Science	Donovan	1550
2028	P F I E	Turner	7600
2029	Same	Paige	7450
2030	Same	Strehlow	4945
2031	Same	Strehlow	174000
2032	Same	McSheehy	63300
2033	Same	McSheehy	12,115
2034	Strauss	Stevenson	500
1915	Beattie	Sharman	3055
1916	Esposito	Stevenson	1875
2035	Vayssie	Brumfield	450
2036	Muegge	Brumfield	500
1917	Schrader	Klahn	1750
2037	Papadouloupoulo	Owner	400
2038	Dustman	Dustman	400

(1917) LOTS 12 AND 13 BLK 6 Syndicate First Addition. All work for one-story and basement frame hungalows.

Owner.....Jno. A. and Lena Pegnum.
Architect.....None.
Contractor.....N. F. Nilsson, 355 Cotleridge, San Francisco.

Filed June 8, '14. Dated May 5, '14.
Raffers set.....\$775
Brown coated.....368
Completed and accepted.....366
Usual 35 days.....366

TOTAL COST, \$1875

Bond, none Limit, 60 days. Forfeited, none. Plans and specifications filed.

(1919) SE MARKET 43 SW Second SW 30 SE 81-6 SW 20 SE 43-6 NE 95 NW 43-6 SW 45 NW 91-6 Brick work for five and six story brick loft building.
Owner.....C. Schiesinger, Mills Bldg., San Francisco.
Architect.....Alfred H. Jacobs, 110 Sutter, San Francisco.
Contractor.....Ira W. Coburn, Inc., Hearst Bldg., San Francisco.

Sub-Contractor. M. V. Mowbray 180
 Jessie, San Francisco.
 Filed June 8, '14. Dated June 8, '14.
 On 1st and 15th of each month 75%
 28 days after 25%
TOTAL COST, \$9000

Bond, \$1500. Surety, The Aetna Accident & Liability Co. Limit, as fast as possible. Forfeit, none. Plans and specifications, none.

(1980) NOS. 53-55 TAYLOR. Alter and repair restaurant.
 Owner.....John Janopoulos, Prem.
 Architect.....None.
 Contractor.....G. Dravillas, 1409 Powell, San Francisco.
COST, \$1600

(1981) NO. 927 CHENERY. Raids dwelling and make minor changes.
 Owner.....H. Potter, Premises.
 Architect.....E. P. Roy, 293 Surrey, San Francisco.
 Day's work. **COST, \$400**

(1982) NOS. 740-50 POST. Electric sign.
 Owner.....Post Street Garage Co., Premises.
 Architect.....None.
 Contractor.....American Sign Co., 1st National Bank Bldg., S. F.
COST, \$450

(1983) NO. 1090 McALLISTER. Install bake oven.
 Owner.....M. Goetjen, Premises.
 Architect.....None.
 Contractor.....S. Orchard, 38 Romain, San Francisco.
COST, \$700

(1984) NO. 786 MARKET. Repair store.
 Owner.....Royal Shoe Store, Prem.
 Architect.....None.
 Contractor.....Geo. Nimmo, 634 Clay, San Francisco.
COST, \$400

(1985) NO. 519 ANDOVER. Repair bungalow.
 Owner.....W. J. Harsey, Premises.
 Architect.....None.
 Contractor.....Wm. Raupt, 1830 Taylor, San Francisco.
COST, \$450

(1986) S BEACH 137-6 E Hyde. One-story frame day home.
 Owner.....California Fruit Cannery Ass'n, 120 Market, S. F.
 Architect.....None.
 Day's work. **COST, \$1900**

(1987) S GRIFFITH 100 W Jamestown. One-story and basement frame dwelling.
 Owner.....A. Chioinn, 1343 Egbert Ave., San Francisco.
 Architect.....John Elridge, 923 Hollister Ave., San Francisco.
 Day's work. **COST, \$850**

(1988) NW BUSH & LEAVENWORTH. Alter front and minor repairs to store.
 Owner.....J. W. Flinn, 1420 Market, San Francisco.
 Architect.....None.
 Day's work. **COST, \$400**

(1989) NO. 315 LAIDLEY. Add three rooms and minor repairs to dwlg.
 Owner.....G. Runge, Premises.
 Architect.....None.
 Day's work. **COST, \$500**

(1990) NO. 1881 BUSH. Add rooms to church.
 Owner.....Congregation Ohabiah Schalom, Premises.
 Architect.....None.
 Day's work. **COST, \$1100**

(1991) E THERESA 468 S San Jose Ave. One-story and basement frame dwelling.
 Owner.....Geo. W. Thomas, 851 Valencia, San Francisco.
 Architect.....Owner.
 Day's work. **COST, \$1600**

(1992) E THIRD 40 N King. Lay wood floor.
 Owner.....Wakeles, 133 1st, S. F.
 Architect.....None.
 Day's work. **COST, \$400**

(1993) N GENEVA 25 E Moscow. One and one-half-story and basement frame dwelling.
 Owner.....Julius Koperski, 260 San Carlos Ave., S. F.
 Architect.....None.
 Contractor.....S. Koperski, 260 San Carlos Ave., San Francisco.
COST, \$1500

(1994) NO. 1231 NINTH AVE. Concrete foundation, new front, rustic exterior.
 Owner.....Morton Bros., Premises.
 Architect.....None.
 Contractor.....Serguson Bros., 308 Guerrero, San Francisco.
COST, \$710

(1995) NO. 340 STOCKTON. Electric sign.
 Owner.....E. R. Clute, Premises.
 Architect.....None.
 Contractor.....Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, \$400

(1996) NE OXFORD 150 SE Burrows. One-story and basement frame dwlg.
 Owner.....Giovanni Bertolino, 2840 Washington, San Francisco
 Architect.....None.
 Day's work. **COST, \$1000**

(1997) SW COMMERCIAL & DRUMM. construction of two-story steel and brick engine house.
 Owner.....City and County of S. F.
 Architect.....Ward & Blohme.
 Contractor.....C. L. Wold, 132 Sutter, San Francisco.
COST, \$35,485

(1998) BRICK WORK ON ABOVE.
 Contractor.....T. E. Davis & Son, 2321 Lake, San Francisco.
COST, \$13,014

(1999) PLUMBING AND GAS FITTING on above.
 Contractor.....S. W. Band, 318 Ellis, S. F.
COST, \$6400

(2000) ELECTRIC WIRING ON ABOVE
 Contractor.....National Elec. Co., 103 Turk, San Francisco.
COST, \$1060

(2001) E MISSION 100 N 24th N 93-4 NE 123-7 S 110-1 W 122-6; E Mission 193-4 N 24th N 55-8 E 122-6 S 41-11 W 123-7 M B 154. Excavating, concrete, carpenter, plaster, plumbing, hardware, sheet metal, electric work and painting for alterations and additions to Globe Theatre building.
 Owner.....Turner & Dahnken Circuit

Architect.....A. W. Cornelius, Merchants Nat'l Bank Bldg., S. F.
 Contractor.....J. I. Mitrovich Bldg. Co., 1034 Golden Gate, S. F.
 Filed June 9, '14. Dated June 1, '14.
 On 1st and 15th of each month 75%
 Usual 35 days 25%
TOTAL COST, \$4200

Bond, \$2100. Sureties, Max L. Shipser and A. Zimmerlin. Limit, 70 days. Forfeit, \$20. Plans and specifications filed.

(2002) STRUCTURAL STEEL & IRON work on above.
 Contractor.....F. J. W. Anderson & C. Larsen (as Pacific Structural Iron Works), 1541 Howard, San Francisco.
 Filed June 9, '14. Dated June 1, '14.
 When steel delivered 25%
 Completed 50%
 Usual 35 days 25%
TOTAL COST, \$2990

Bond, \$1500. Surety, The Aetna Accident & Liability Co. Limit, 30 days. Forfeit, \$20. Plans and specifications filed.

(2003) BRICK WORK ON ABOVE,
 Contractor.....Mulcahy Bros., 180 Jessie, San Francisco.
 Filed June 9, '14. Dated June 1, '14.
 Work half done, 75% of amount of work done
 On completion 75% of contract less 1st payment 25%
 Usual 35 days 25%
TOTAL COST, \$3600

Bond, \$1500. Sureties, Chas. J. McDonnell and Arthur B. Shibley. Limit, 40 days. Forfeit, \$20. Plans and specifications filed.

(2004) S GEARY 53-9 W 21st Ave S 100xW 27-1. All work for one-story frame store.
 Owner.....Gustave Moeller, 2252 Clement, San Francisco.
 Architect.....None.
 Contractor.....Leigh & Schultz, 330 8th Ave., San Francisco.
 Filed June 9, '14. Dated June 4, '14.
 Frame up and roof on \$341.25
 Brown coated 341.25
 Completed and accepted 341.25
 Usual 35 days 341.25
TOTAL COST, \$1365.00

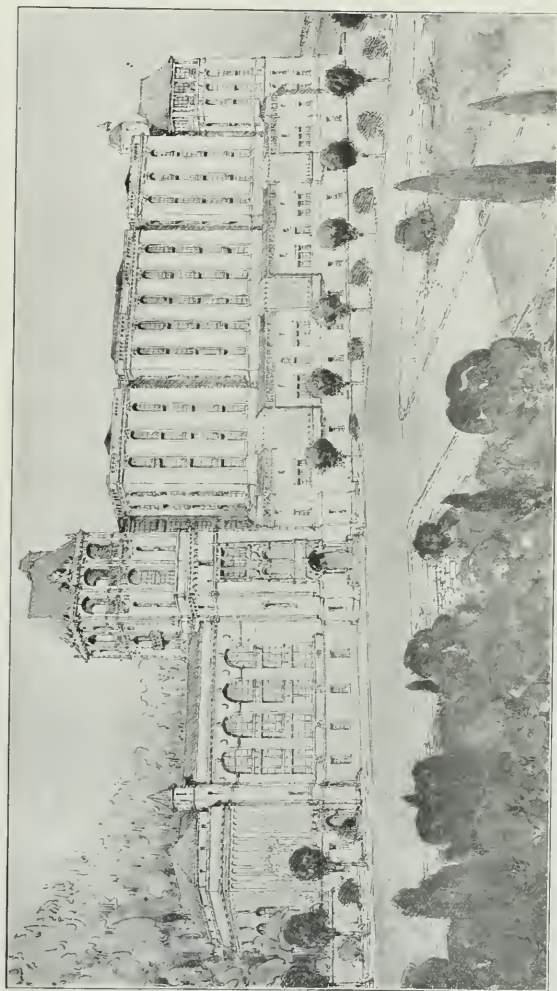
Bond, none. Limit, 75 days. Forfeit, \$1. Plans and specifications filed.

(2005) W MOSCOW 90-6 N Geneva Boulevard, Lot 38 Blk 19, New Crocker Amazon Tract. All work for dwlg.
 Owner.....Ferdinando Virgilio, 2300 Jones, San Francisco.
 Architect.....C. Orselli.
 Contractor.....Carlo Orselli.

Filed June 9, '14. Dated June 8, '14.
 Frame up \$400
 Brown coated
 Completed
 Usual 35 days
TOTAL COST, \$1600

Bond, none. Limit, 45 days. Forfeit, none. Plans and specifications, none.
 (2006) SE CORTLAND AVE & FOLSOM. Three-story and basement frame (8) tenements.
 Owner.....John Bianchi, 3702 Folsom, San Francisco.
 Architect.....None.
 Day's work. **COST, \$9800**

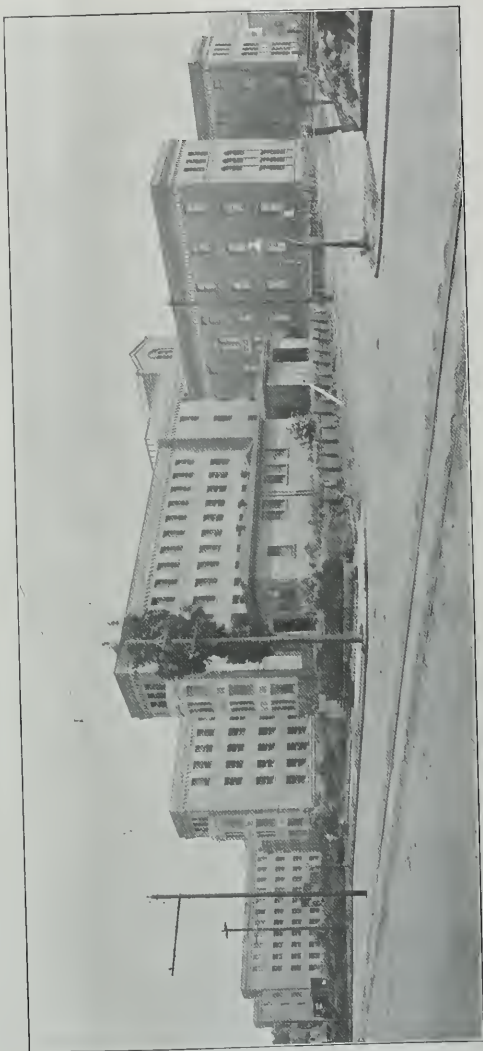
(2007) M McALLISTER 50 E Webster. Cement floors in stores.
 Owner.....N. Gaetjen, 906 Webster, San Francisco.
 Architect.....None.



NEW HOSPITAL TO BE ERECTED AT THE AFFILIATED COLLEGES

San Francisco

Lewis P. Hobart, Architect
San Francisco



VIEW SHOWING MAIN GROUP OF BUILDINGS SAN FRANCISCO HOSPITAL

San Francisco

City Department of Architecture, Architects
San Francisco

Contractor...C. C. W. Haun, 180 Jessie,
San Francisco.

COST, \$100

(2008) NO. 444 GOLDEN GATE AVE.
Concrete floor.
Owner.....Hock Estate, 926 Devisa-
dero, San Francisco.
Architect...None.
Contractor...C. W. Hock, 180 Jessie,
San Francisco.

COST, \$400

(2009) NO. 592 HAYES. Concrete area
walls.
Owner.....Eliz Sparrow, 154 Julian
Ave., San Francisco.
Architect...None.
Contractor...J. W. Sparrow, 154 Julian
Ave., San Francisco.

COST, \$400

(2010) N UNION AND STEINER.
Move flat building, concrete foundation
and underpin.
Owner.....Peter Ceschi, 3061 Steiner,
San Francisco.
Architect...A. Reinholdt Denke.
Day's work.

COST, \$1000

(2011) NOS. 544-46 GRANT AVE. Re-
pair fire damages.
Owner.....L. C. Bab, 423 Kearny,
San Francisco.
Architect...None.
Day's work.

COST, \$300

(2012) NE BRYANT AND JUNIPER.
Alter and add and repair saloon and
flat.
Owner.....James Barry, Premises.
Architect...None.
Contractor...F. W. Lurmanna, 2700 22nd,
San Francisco.

COST, \$400

(2013) SE EUGENIA AND BANKS.
One-story and basement frame dwg.
Owner.....D. Mataro, 213 Banks, S. F.
Architect...None.
Day's work.

COST, \$1800

(2014) N THIRTIETH 205 W Church
W 25xN 114 H A 99. All work except
mantels, shades, gas and electric fix-
tures for two-story and basement
frame building.

Owner.....Martin and Hannah H.
Connolly, 318 20th, S. F.
Architect...Paul F. De Martin, 2123
Powell, San Francisco.

Contractor...F. De Martin & Co.
Filed June 10, '14. Dated June 9, '14.
Frame up and rafters on.....\$1000
Brown coated 1000
Completed and accepted..... 1000
Usual 35 days..... 1000

TOTAL COST, \$4000

Bond, none. Limit, 100 days. Forfeit,
\$5. Plans and specifications filed.

(2015) LOT 75 SUB 1, Sea Cliff Add'n.
All work for residence.
Owner.....E. P. Halsted, 1122 Sutter,
San Francisco.
Architect...Edw. G. Bolles.

Contractor...S. A. Born Bldg. Co., 660
Market, San Francisco.

Filed June 10, '14. Dated June 6, '14.
1st floor joists set.....\$2450
Roof on 2450
Completed and accepted..... 2450
Usual 35 days..... 2450

TOTAL COST, \$9800

Bond, \$4900. Surety, American Surety
Co. Limit, 90 days. Forfeit, \$10. Plans
and specifications filed.

(2016) W FOURTEENTH AVE 253 S
Geary S 25xW 120. All work for two-
story frame residence.
Owner.....Marie & Wm. C. Foulks.
Architect...None.
Contractor...Thos. Hamill, 268 25th Ave.,
San Francisco.

Filed June 10, '14. Dated June 9, '14.
Frame up and roof on.....\$800
Brown coated 800
Completed and accepted..... 825
Usual 35 days..... 825

TOTAL COST, \$3250

MBond, none. Limit, 70 days. Forfeit,
none. Plans and specifications filed.

(2017) W NINTH AVE 70 N Irving.
Alter stores.
Owner.....John Meierdelrks.
Architect...None.
Contractor...L. M. Weismann & Co., 852
Pacific Bldg., S. F.

COST, \$650

(2018) NO. 678 SECOND AVE. Alter
and repair present building.
Owner.....W. E. Bidwell, Premises.
Architect...None.
Contractor...T. J. Baldwin, 1620 Milvia,
Berkeley.

COST, \$650

(2019) NO. 163 EIGHTH AVE. Alter
front and add one room.
Owner.....E. James, Premises.
Architect...None.
Contractor...E. James, Premises.

COST, \$500

2020 W CENTRAL AVE 112-6 S
Hayes. Two-story and basement
frame (4) flats.
Owner.....C. J. & W. J. Keenan, 300
Webster, San Francisco.
Architect...None.
Day's work.

COST, \$5000

(2021) W CENTRAL AVE 87-6 S
Hayes. Two-story and basement
frame (4) flats.
Owner.....C. J. & W. J. Keenan, 300
Webster, San Francisco.
Architect...None.
Day's work.

COST, \$5000

(2022) N HAYES 102-6 W Central
Ave. Two-story and basement frame
Owner.....C. J. & W. J. Keenan, 300
(2) flats.
Webster, San Francisco.

Architect...None.
Day's work.

COST, \$4000

(2023) N HAYES 127-6 W Central
Ave. Two-story and basement frame
(2) flats.
Owner.....C. J. & W. J. Keenan, 300
Webster, San Francisco.

Architect...None.
Day's work.

COST, \$4000

(2024) N HAYES 77-6 W Central
Ave. Two-story and basement frame
(2) flats.
Owner.....C. J. & W. J. Keenan, 300
Webster, San Francisco.

Architect...None.
Day's work.

COST, \$4000

(2025) E VICKSBURG 30 S 22nd S 25
x100. All work for one and one-half
story dwelling.
Owner.....Olef Ellingsen, 1630 How-
ard, San Francisco.
Architect...None.

Contractor...C. Wengard, 3638 Judah,
San Francisco.

Filed June 11, '14. Dated June 9, '14.
Frame up\$616.25

Brown coated 616.25
Completed and accepted..... 616.25
Usual 35 days..... 616.25

TOTAL COST, \$2465.00

Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(2026) NO. 2517 BROADWAY. Altera-
tions and additions to two-story and
attic residence.
Owner.....Latham McMullin, Prem.
Architect...J. E. Krafft & Sons, Phe-
na Bldg., San Francisco.
Contractor...Daniel O'Neill, 278 Natoma
San Francisco.

Filed June 11, '14. Dated June 2, '14.
Brown coated
Completed and accepted.....

36 days after.....

TOTAL COST, \$1849

Bond, \$950. Sureties, Wm. F. Cashman
and Jas. F. Smith. Limit, Aug. 25, '14.
Forfeit, \$10. Plans and specifications
filed.

(2027) GOLDEN GATE PARK. Paint-
ing for Museum Building.
Owner.....California Academy of
Sciences.

Architect...Lewis P. Hobart, Crocker
Bldg., San Francisco.
Contractor...Vincent J. Donovan, 729
Minna, San Francisco.

Filed June 11, '14. Dated May 20, '14.
On 15th of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$1550

Bond, \$775. Surety, Massachusetts
Bonding & Insurance Co. Limit, Aug.
24, '14. Forfeit, none. Plans and specifi-
cations filed.

(2028) EXPOSITION SITE. Heating
and ventilating for California Bldg.
Owner.....Panama-Pacific Interna-
tional Exposition Co., Ser-
vice Bldg., S. F.

Architect...Thos. H. F. Burditt and
Geo. W. Kelham, Sharon
Bldg., San Francisco.
Contractor...The Turner Co., 278 Na-
toma, San Francisco.

Filed June 12, '14. Dated May 28, '14.
As work progresses..... 75%
Usual 35 days..... 25%

TOTAL COST, \$7900

Bond, \$4500. Surety, The Aetna Ac-
cident & Liability Co. Limit, 240 days.
Forfeit, \$25. Plans and specifications
filed.

(2029) ELECTRIC WIRING ON ABOVE
Contractor...The Pacific Fire Exting-
uisher Co., 507 Montgomery
San Francisco.

Filed June 12, '14. Dated May 29, '14.
Payments made as above.....

TOTAL COST, \$7490

Bond, \$4500. Surety, Globe Indemnity
Co. Limit, 240 days. Forfeit, \$25.
Plans and specifications filed.

(2030) EXPOSITION SITE. All work
except electric work, and rough
lumber for two warehouses, 2 office
buildings, wagon sheds, gates, fences
and service yard known as service
yard and warehouse group.

Owner.....Panama-Pacific Interna-
tional Exposition Co., Ser-
vice Bldg., S. F.

Architect...None.
Contractor...Strehlow, Freese & Peter-
sen, Exposition Site.

Filed June 12, '14. Dated June 3, '14.
As work progresses..... 75%
Usual 35 days..... 25%

TOTAL COST, \$4945

Bond, \$3600. Surety, Massachusetts

Loading & Insurance Co. Limit, all
 claims. Forfeit, \$10. Plans and spec-
 ifications filed.

(1975) N PALOU AVE (16th Ave) 150
 W Lane N 100xW 25. All work for
 two-story and basement frame resi-
 dence.

Owner.....Dr. G E. Beattie, 844 Rail-
 road Ave., S. F.

Architect...W. H. Crim Jr., 425 Kear-
 ny, San Francisco.

Contractor...T. L. Sharran, 1406 Revere
 Ave., San Francisco.

Filed June 8, '14. Dated June 8, '14.

Roof on\$763.75
 Plaster completed inside & out 763.75

Completed and accepted..... 763.75
 Usual 35 days..... 763.75

TOTAL COST, \$3055.00

Bond, \$1550. Sureties, J. E. Donoghue
 and John Swanson, Limit, 90 days.

Forfeit, none. Plans and specifications
 filed.

(1976) NE McKINNON AVE 150 NW
 Newhall NW 25xNE 100; Lot 31 Blk
 250 O'Neill & Haley Tract. All work
 for one-story and basement frame
 building (4-room and bath.)

Owner.....Modesto Esposto.

Architect...Plans by Contractor.

Contractor...Stevenson & Gowan, 136
 Girard, San Francisco.

Filed June 8, '14. Dated June 8, '14.

Frame up\$525
 Brown coated 450

Completed 450
 Usual 35 days..... 450

TOTAL COST, \$1875

Bond, none. Limit, 90 days. Forfeit,
 none. Plans and specifications filed.

(1978) S THIRTIETH 50 E Chenery E
 25xS 56. All work for one and one-
 half-story frame residence.

Owner.....The Schrader Estate Co.

Architect...A. Klahn (unaffiliated).

Contractor...A. Klahn & Son, 27 Chenery
 San Francisco.

Filed June 8, '14. Dated May 23, '14.

Frame erected\$450
 Brown coated 450

Finished 450
 Usual 35 days..... 450

TOTAL COST, \$1750

Bond, none. Limit, 100 days. Forfeit,
 \$1. Plans and specifications filed.

(2031) N TONQUIN 100 E Steiner S
 1100xW 581.25. Constructing the
 work complete, without the pile work
 for Court of Abundance.

Owner.....Panama-Pacific Interna-
 tional Exposition Co., Ser-
 vice Bldg., S. F.

Architect...Louis C. Mullgardt, Chroni-
 cle Bldg., San Francisco.

Contractor...Strehlow, Freese & Peter-
 sen, Exposition Site.

Filed June 12, '14. Dated May 28, '14.

As work progresses..... 75%

Usual 35 days..... 25%

TOTAL COST, \$174,000

Bond, \$95,000. Surety, Massachusetts
 Bonding & Insurance Co. Limit, 120
 days. Forfeit, none. Plans and spec-
 ifications filed.

(2032) EXPOSITION SITE. All work
 except rough lumber, grading and
 macadam paving, plumbing fixtures
 and wood curb for construction of
 Live Stock Exhibit.

Owner.....Panama-Pacific Interna-
 tional Exposition Co., Ser-
 vice Bldg., S. F.

Architect...None.

Contractor...McSheehy Bros., Inc., 47
 Langton, San Francisco.

Filed June 12, '14. Dated June 3, '14.

As work progresses..... 75%

Usual 35 days..... 25%

TOTAL COST, \$63,300

Bond, \$35,000. Surety, Pacific Coast
 Casualty Co. Limit, 90 days. Forfeit,
 \$90. Plans and specifications filed.

(2033) NE HYDE & FRANCISCO E 45
 xN 137-6. Plumbing work for two-
 story, basement and attic frame bldg.

Owner.....Blanche H. Patigan, Clay
 and Larkin, San Francisco.

Architect...Ward & Blohme, Alaska
 Commercial Bldg., S. F.

Contractor...J. E. O'Mara, 449 Minna,
 San Francisco.

Filed June 12, '14. Dated June 2, '14.

Roughing in completed.....\$493.12

Completed and accepted..... 493.12

36 days after..... 328.75

TOTAL COST, \$1315.06

Bond, \$657.50. Sureties, Harry A. Dut-
 ton and W. D. Stewart. Limit, as soon
 as possible. Forfeit, none. Plans and
 specifications filed.

(2034) NO. 703 GOLDEN GATE AVE.
 Repair fire damage.

Owner.....Strauss Realty Co., 102
 Pine, San Francisco.

Architect...None.

Contractor...Stevenson & Franzen, 230
 Tehama, San Francisco.

COST, \$500

(2035) SW SEVENTH AND STEVEN-
 son. Electric sign.

Owner.....A. Vayssie, Premises.

Architect...None.

Contractor...Brumfield Elec. Sign Co.,
 18 7th, San Francisco.

COST, \$450

(2036) S SUTTER 75 E Jones. Erect
 marquee.

Owner.....Mr. Muegge, Premises.

Architect...None.

Contractor...Brumfield Elec. Sign Co.,
 18 7th, San Francisco.

COST, \$500

(2037) SW DRUMM & SACRAMENTO.
 Install post and girders in store.

Owner.....James Rennie, 255 Cali-
 fornia, San Francisco.

Architect...N. Blaisdell, 255 California
 San Francisco.

Contractor...C. P. Moore Bldg. Co.,
 Sharon Bldg., S. F.

COST, \$650

(2038) NO 303 THIRD. Rebuild front
 Owner.....John Papandropoulo, 303
 Third, San Francisco.

Architect...None.

Day's work..... COST, \$400

(2039) NO. 550 DUNCAN. One and
 one-half-story and basement frame
 dwelling.

Owner.....A. C. Dustman, Premises.

Architect...None.

Day's work..... COST, \$400

NOTICE OF NON-LIABILITY.

June 11, 1914—COMG AT ANGLE PT.

In NW Cliff Ave formed by two

high water mark to pt opposite leg
 S 64 deg 45 min E 95 m or l being
 Cliff House, pin Cliff House Stable
 and lands south of Cliff House.
 Estate Adolph Sutro, dec'd as to
 improvements on leased property..

NOTICE OF NON-RESPONSIBILITY.

June 10, 1914—LOT 1 BLK 1 Crocker
 Amazon Tract; Lots 35 and 36 Blk
 6 Crocker Amazon Tract; Lot 21
 Blk 5 Crocker Amazon Tract. Croc-
 ker Estate Co as to improvements
 on leased property.....

BOND.

June 12, 1914—N HOWARD 36 E Russ
 Ida Glodblatt, owner. W. H. Daniel,
 contractor; Massachusetts Bonding
 & Insurance Co. Surety. Bond,
 dated Nov. 8, 1913 for.....\$4437.50

COMPLETION NOTICES.

SAN FRANCISCO COUNTY.

June 4, 1914—NW BLUXOME 125 SW
 4th SW 75xSW 120. Edith D Creede
 to W A Goerlicke.....June 1, 1914

June 4, 1914—S TONQUIN 55 E Brod-
 erick E 88x87 to inter Scott x S
 687.5. Panama-Pacific International
 Exposition Co to Lange & Berg-
 ström (Agriculture Bldg.).....

.....June 1, 1914

June 5, 1914—BROADWAY NOS. 519-
 521. E Camera to D Francesconi
June 5, 1914

June 5, 1914—N CUMBERLAND E P 70 W
 Guerrero W 22-6xN 89. E P Teron
 to John J Binet Co.June 5, 1914

June 5, 1914—SE SUTTER & JONES
 S 100 E 100 N 100 W 72. Starr &
 Larsen to Smith & Johnson, June
 1; Pacific Mfg Co.....May 25, 1914

June 5, 1915—SE SUTTER & JONES
 S 100x82. Starr & Larsen to
 Forderer Cornice Wks.....May 6, 1914

June 4, 1914—W SPEAR & HOWARD
 NW 137-6xSW 68-9. Orville C
 Pratt Jr to John G Sutton Co.....

.....May 27, 1914

June 4, 1914—W TWENTIETH AVE
 200 E Anza 25x120. Jeanette Yates
 to whom it may concern June 1, 1914

June 4, 1914—W SHOTWELL 80 S
 15th W 60xS 30. John Rippe to F
 W Lurmann.....June 1, 1914

June 4, 1914—S FULTON 125 W Brod-
 erick E 571.25xN 125 W Steiner S 687.5xW
 S 838.12 (Transportation Bldg); S
 Beach 90 W Steiner S 618.75xW
 S 838.12 (Manufacturers Bldg); S
 Beach 90 W Steiner E 571.25xN
 687.5 (Varied Industries Bldg).
 Panama-Pacific International Ex-
 position Co to McFell Elec Co.....

.....June 1, 1914

June 4, 1914—W TWENTIETH AVE
 225 S Anza 25x120. Jeanette Yates
 to whom it may concern June 1, 1914

June 4, 1914—S BEACH 90 W Steiner
 E 571.25xN 687.5. Panama-Pacific
 International Exposition Co to
 Frederick W Snook Co (Varied In-
 dustries Bldg.).....June 1, 1914

June 4, 1914—S BRACH 55 E Brod-
 erick E 88x87xS 618.75. Panama-
 Pacific International Exposition Co
 to Frederick W Snook Co (Liberal

Arts Bldg.).....June 1, 1914
 June 4, 1914—S MARKET 250 W 5th
 No. 933 Market. Haw Soon & Chun
 Show to Brandt & Stevens. June 3, '14
 June 4, 1914—W DEVISADERO 37-6
 S Ellis S 14-6 (74.6)xW 90. Mrs
 Viola L Elson to whom it may
 concern.....May 15, 1914
 June 6, 1914—LOT 62 Corona Heights
 Albert and Hattie Harris to J
 Koshintzki.....June 4, 1914
 June 6, 1914—N TWENTY-FOURTH
 25 E Vicksburg E 25xN 75. Cath-
 erine Norton to Patrick H Pierce
June 5, 1914
 June 6, 1914—NE SEVENTEENTH &
 Hampshire E 200xN 133-4. Lux
 School of Industrial Training to
 whom it may concern.....May 11, 1914
 June 8, 1914—W SECOND AVE 289-
 113 S Cabrillo W 120 S 41.31 NE
 129.62 to a pt 318-11 3/4 S Cabrillo
 N 29. S F of Samuel P and Ade-
 laide Russell to J D Bell. June 8, 1914
 June 8, 1914—NW POST & STOCKTON
 N 137-6xW 137-6. Blanche M Bur-
 bank to Ralston Iron Works.....
June 5, 1914
 June 8, 1914—W ARGUELLO BLVD
 100 S Anza S 25xW 120. Fred E
 and Anna I Stranahan to J D Bell
June 6, 1914
 June 8, 1914—S BEACH 55 E Broder-
 ick S along a line parallel with
 Broderick 687.5xW 535.27 (Education
 Bldg.). Panama-Pacific Interna-
 tional Exposition Co to The Turner
 Co.....May 30, 1914
 June 8, 1914—W TENTH AVE 175 S
 Moreca S 25x120. George Miller
 to Emil Neilson.....June 6, 1914
 June 9, 1914—N BUSH adj E Mills
 Bldg 68-9 on Bush. Ogden Mills to
 United States Metal Products Co...
June 6, 1914
 June 9, 1914—E JULIAN AVE 95 N
 16th N 30xE 84. Nellie O'Connor
 to Richard Fahy.....June 5, 1914
 June 9, 1914—E STOCKTON 34-0 1/2 S
 Pacific S 5xNE 30. Eva Bennett to
 John S Oursih.....June 3, 1914
 June 9, 1914—W CHURCH 30 S 26th
 S 28xW 80. Nickolas Barone to
 whom it may concern.....June 9, 1914
 June 9, 1914—ARCADIA 25 N Joost
 Ave In Sunnyside. Victoria Phillips
 and Thomas Phillips (husband) to
 A M Con.....June 3, 1914
 June 9, 1914—W FIFTEENTH AVE
 250 N Irving N 25xW 127-6. Sun-
 set Realty Co to Cox Bros. June 2, '14
 June 9, 1914—N TWENTY-EIGHTH
 83 E Noe E 26x114. Theodor Per-
 son to whom it may concern.....
May 16, 1914
 June 9, 1914—N BUSH adjoining E
 Mills Bldg 68-9 on Bush. Ogden
 Mills to J H Keefe Co.....June 6, 1914
 June 9, 1914—S TWENTY-FOURTH
 100 W Church W 25x114. Jeanne
 Balleres to whom it may concern
June 1, 1914
 June 9, 1914—W DOUGLASS 350 N
 17th N 26xW 65. Knut Anderson to
 whom it may concern.....June 8, 1914
 June 9, 1914—S TONQUIN 55 E Broder-
 ick S 687.5 W 535.27 N 687.5 E
 535.27 (Food Products Bldg.). Pan-
 ama-Pacific International Exposi-
 tion Co to John G Sutton Co.....
June 3, 1914
 June 9, 1914—S TONQUIN 55 E Broder-
 ick E 886.87 S 687.5 W 886.87 N
 687.5 to beg (Agriculture Bldg.). Pan-
 ama-Pacific International Exposi-
 tion Co to Peterson-James Co...
June 3, 1914
 June 9, 1914—W THIRTEENTH AVE
 50 N "K" N 50xW 120. John Bjork-

man and Oscar Swanson to whom
 it may concern.....June 4, 1914
 June 10, 1914—E DOLORES 60 S
 Dorland S 38xE 100. Isaac and
 Samuel Friedman (as Friedman
 Bros) to whom it may concern.....
June 3, 1914
 June 10, 1914—LOT 30 BLK "B" Park
 Lane Tract. Agnes Kempton to M
 P Kempton.....June 2, 1914
 June 10, 1914—W SURREY 475 N
 Castro. Albion Erickson to A
 Petersen.....May 5, 1914
 June 10, 1914—W TWENTIETH AVE
 125 S Lincoln W 25x120. Joseph
 Brady to F A Klein.....June 3, 1914
 June 10, 1914—N GREEN 137-1 1/4 W
 Scott W 27-3 1/4 N 137-6. Maud W
 Dozier to Fred P Fischer. June 2, '14
 June 10, 1914—SE UNION & GAINES
 E 120xS 100. National Ice & Cold
 Storage Co of California to Bran-
 don & Lawson.....June 5, 1914
 June 10, 1914—N FULTON 103 North
 Stanyan. J S Guerlin to Louis
 Heipner.....May 29, 1914
 June 11, 1914—EXPOSITION SITE.
 Combined Amusement Co cpn
 (Lessee) to Val Franz. June 9, 1914
 June 11, 1914—W FOURTH AND
 Jessie NW 75xSW 75. Mary L
 Phelan to California Artistic Metal
 & Wire Co.....June 10, 1914
 June 11, 1914—NE THOMAS AVE 110
 SE Keith SE 55xNE 100; NE
 Thomas Ave 192-6 SW Keith SE
 55xNE 100. Sterling Investment Co
 to T L Sharnan.....June 8, 1914
 June 11, 1914—E SIXTEENTH AVE
 175 N Balboa N 25xE 127-6. Mrs L
 Bauman to J D Bell.....June 11, 1914
 June 12, 1914—SE ELLSWORTH &
 Bowdman. Chris Nicholson to
 Chris Nicholson.....June 9, 1914
 June 12, 1914—SE MOSCOW 250 NE
 Persia Ave NE 25xSE 100. John T
 Grace to whom it may concern.....
June 3, 1914
 June 12, 1914—E TWELFTH AVE 150
 S Anza S 25x120. A T Morris to
 whom it may concern.....June 11, 1914
 June 12, 1914—W ELEVENTH AVE
 25 N Anza N 50x82-6. A T Morris
 to whom it may concern.....June 11, 1914
 June 12, 1914—S GEARY 137-6 E
 Mason E 37-6xS 137-6. Stewart
 Est Co to Forreder Corrice Wks
June 11, 1914
 June 12, 1914—NE NINTH 250 SE
 Harrison SE 25xNE 100. P H
 Morgan to J A Hill.....June 11, 1914
 June 12, 1914—W SECOND AVE
 173-1 1/4 S Cabrillo S 29xW 120. F
 E Oldis to whom it may concern...
May 2, 1914

LIENS FILED.

San Francisco.

June 6, 1914—S TONQUIN 356.127 W
 Devisadero W 575xS 725 m or l.
 Baker & Hamilton vs Nell A Mc-
 Lean, Panama-Pacific International
 Exposition, Mercantile Trust Co,
 Trustee Richard B. Laura E and
 William S Chandler.....\$280.39
 June 6, 1914—S TONQUIN 356.127 W
 Devisadero W 575xS 725 m or l.
 W A Hammond Co vs Panama-
 Pacific International Exposition
 Co and Nell A McLean.....\$287.85
 June 6, 1914—SW SUTTER AND
 Van Ness Ave S 60 W 109-6 N 60
 E 109-9. Hart-Wood Lumber Co
 vs Automobile Club of S F and
 Rosa V Morbio.....\$26.20
 June 8, 1914—S PAGE 140 E Fillmore
 E 25xS 130. John Felix, \$77.50; Wm

Herman, \$77.50 vs Wm Hencke and
 F H Born.....
 June 8, 1914—S PRECITA AVE AND
 Ryan Ave (Florida) SE 58xSW 25.
 Edwin T Peterson vs John and
 Bergette Ellason and Johnson &
 Olson.....\$500.26
 June 8, 1914—S TONQUIN 356.127 W
 Devisadero W 575xS 725. Artolith
 Mfg Co vs Panama-Pacific Interna-
 tional Exposition Co and Nell A
 McLean.....\$78.75
 June 9, 1914—S TONQUIN 356.127 W
 Devisadero W 575xS 725. Dyer
 Bros Golden West Iron Works vs
 Panama-Pacific International Ex-
 position Co and Nell A McLean...
\$845.64
 June 9, 1914—W HYDE 34-4 1/2 N Clay
 W 137-6 N 39-4 1/2 E 137-4 1/2 m or l
 S 39-4 1/2. Peck & Draper Co vs
 Alois F Lejeal and New Era Realty
 Co.....\$1386
 June 9, 1914—NW NAPLES 150 NE
 Brazil Ave NE 25xNW 100 Blk 47
 Excel Hl. John Brazzale, \$50.75;
 Charles Barbanian, \$50.50 vs Maria
 Travi, Est Pietro Travi, deed and
 A B Frank. Admx Estate Pierto
 Travi.....
 June 9, 1914—S TONQUIN 356.127 W
 Devisadero W 575xS 725. Woods &
 Huddart vs Panama-Pacific Inter-
 national Exposition and Nell A Mc-
 Lean.....\$550
 June 10, 1914—S TONQUIN 356.127 W
 Devisadero W 575xS 725. Joost
 tional Exposition Co and N A Mc-
 Bros vs Panama-Pacific Interna-
 tional Exposition Co.....\$391.32
 June 10, 1914—S PAGE 140 E Fill-
 more E 25-4xS 137-6. Nilson &
 Arnas vs W Hencke & F H Born, \$245
 June 10, 1914—SW SUTTER & VAN
 Ness Ave S 60xW 109-9. Max Cohn
 vs Automobile Club of S F and Rosa
 V Morbio.....\$400.75
 June 10, 1914—S PAGE 140 E Fillmore
 E 25-4xS 137-6. Marshall &
 Stearns Co vs Wm Hencke and F
 H Born.....\$204
 June 10, 1914—S PAGE 140 E Fill-
 more E 25xS 130. Theodore Binner
 vs G W Glosser.....\$59.25
 June 10, 1914—S PAGE 140 E Fill-
 more E 25xS 130. Theodore Binner
 vs F A Born.....\$45
 June 11, 1914—S PAGE 140 E Fill-
 more E 25xS 130. G W Glosser vs
 F A Born and William Hencke.....\$510
 June 11, 1914—EXPOSITION SITE.
 Allan G Ramsay vs Panama-Pacific
 International Exposition Co and
 Nell A McLean.....\$250
 June 11, 1914—N FRANCISCO 130 W
 from N line Grant Ave to 22-9xN
 68-9. Francis E Teltz vs K C and
 Maggie Gardner.....\$212.10
 June 12, 1914—S TONQUIN 356.127 W
 Devisadero W 575xS 725. Dunham-
 Carrigan & Hayden Co, \$161.18;
 Paynes Bolt Works, \$314.89 vs
 Panama-Pacific International Ex-
 position Co and Nell A McLean...
\$1898.25
 June 12, 1914—SE SUTTER & JONES
 S 160xSE 72. Alexander Coleman vs
 Starr & Larsen and Augusta Lar-
 sen.....\$1898.25
 June 12, 1914—S TONQUIN 356 W
 Devisadero W 525xS 725. Eva Mor-
 decal (as Eureka Teaming Co) vs
 Panama-Pacific International Ex-
 position Co and Nell A McLean...
\$500
 June 12, 1914—E NINETEENTH AVE
 50 N Anza N 60xE 82-6. Powers &
 Murray vs Michael Costello and
 Bryan Feerick.....\$157.20

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Sidney B. Newsom, Nevada Bank Bldg., S. F. Owner, E. B. Davis. The dwelling has been designed for a twelve-room house and will be erected in the Claremont Tract. Pine and hardwood interior finish will be used. Plans provide for sleeping porches and three bath rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Hardwood and in-laid floors will be used in the principal rooms. Bath rooms will be finished in tile and will be equipped with showers. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and bids will be called for within a few days.

RESIDENCE ADDITIONS AND ALTERATIONS—2 story and base, frame. Cost not stated. Oakland, Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Mr. Parker. The work will include new interior partitions, plastering, electric work, plumbing, painting, interior finish and hardwood floors. Open fire places and tile mantels will be installed. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE ADDITIONS AND ALTERATIONS—2 story and base, frame. \$2,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, H. Escherich, 2529 Hillegas avenue, Berkeley. The work will consist of new interior finish, plastering, painting, plumbing and electric work. There will be new open fire places and tile mantels. Bath room will be equipped with an automatic water heater. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who is now taking figures on the work.

RESIDENCES—2, 2 story and base, frame, \$4,000 each. Oakland, Cal. Architect, none. Owner, B. A. Stewart, 616 41st street, Oakland. These two houses will be erected on Ramona avenue and each has been designed to contain seven rooms and bath. Interiors will be finished in pine and redwood with some hardwood veneer. Oak floors will be used in the living rooms, dining rooms and reception halls. There will be furnace heat and open fire places. Mantels will be of tile. Automatic water heaters will be installed. Bath rooms will have tile wainscot and composition floors. Exteriors will be covered with rustic and shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$3,500. Oakland, Cal. Architect, Chester H. Miller, Dalziel Bldg., Oakland. Owner, Mr. Jesse A. Berger. The dwelling has been designed for a seven-room house with bath and will be erected on East 21st street. Interior finish will be largely of pine with hardwood floors. In the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath

room will have tile wainscot and will be equipped with an automatic water heater. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$3,200. Oakland, Cal. Architect, none. Owners, Summer and Randall, 1249 1st avenue, Oakland. The dwelling has been designed for a seven-room house and will be erected on Evans street west of Webster. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire place. Mantel will be of tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$5,000. Piedmont, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Mrs. L. Olsen. The dwelling will be erected in East Piedmont Heights and has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$3,500. Oakland, Cal. Architects, Elite Planners, 1845 5th avenue, Oakland. Owner, M. P. Brasch. The dwelling has been designed for a seven-room house with bath and sleeping porch, and will be erected at the southwest corner of Hampel and Greenwood streets. Interior will be finished in west corner of Hampel and Greenwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared and when complete the work will be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. Oakland, Cal. Architect, C. S. Schwartz, Hayward. Owner, John D. Gadrison. The building will be erected at the corner of 41st and Manila streets, and will contain a number of two and three room suites. Interior finish will be of pine throughout. There will be a central heating system and hot water supply. All apartments will have wall beds and private bath rooms. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

APARTMENT HOUSE ALTERATIONS AND ADDITIONS—Frame construction, \$5,000. Oakland, Cal. Architect, none. Owner, P. A. Soderstrand, 1086 24th street, Oakland. The work will include new plumbing, plastering, painting, electric work and interior finish. Wall beds will also be installed. Considerable exterior work will also be required. Plans are in

the hands of the owner and he will do the work by Day Labor.

CHURCH—3 story and base. Class C construction, \$30,000. Berkeley, Alameda Co., Cal. Architect, Eugene K. Martin, 2192 Shattuck avenue, Berkeley. Owners, First Baptist Church of Berkeley. The building has been mentioned in these columns before. A site at the corner of Dana and Haste streets has been secured and a building covering 95 by 115 will be erected. The main auditorium will be 75 by 80 and Sunday school rooms and a social hall will occupy a like amount of space. Interior finish will be of pine with ornamental plaster. A central heating system will be installed. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be taken at once.

FLAT AND STORE—2 story and base, frame, \$4,500. Oakland, Cal. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owner, G. Debenso. The building will have a frontage of 41 feet and a depth of 24 feet. There will be one store on the first floor. Upper floor will be arranged for a flat of six rooms. Interior will be finished in pine throughout. Some hardwood floors will be used. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

FLATS—2 story and base, frame, \$6,500. Berkeley, Alameda Co., Cal. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owner, Mrs. Eugene Ehret. The building will be erected on Berkeley Way, and has been designed to contain four high class flats. Interiors will be finished in pine, redwood and hardwood veneer. Hardwood floors will be used in the living rooms and dining rooms. There will be open fire places and tile or brick mantels. Automatic water heaters will be installed. Bath rooms will have tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are now being taken.

COUNTRY CLUB—1 and 2 story, frame and plaster, \$25,000. Elmhurst, Alameda Co., Cal. Architect, Edward G. Garden, Phelan Bldg., S. F. Owners, Sequoia Country Club. The buildings will be erected in the center of a large tract and have been designed in the Mission style. There will be large social rooms, banquet room, parlors, cafe, smoking rooms and kitchen. Interior finish will be of pine and redwood. There will be a central heating system and large open fire places. Mantels will be of brick and stone. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—1 story and base, frame, \$3,700. Oakland, Cal. Architect, none. Owner, E. J. Lawler, 461 12th street, Oakland. The dwelling will be erected on Kelley avenue and will contain eight rooms and bath. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner.

er who will do the work by Day Labor.

SCHOOL, DAIRY BARN—Frame and concrete. Cost not stated. Berkeley, Alameda Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Plans are complete and figures are now being called for on the construction of a dairy barn for the State Institution of the Blind at Berkeley. Plans can be secured from the office of the State Engineer. Bids will be opened on July 9th.

RESIDENCE—2 story and base, frame and plaster, \$30,000. Piedmont, Alameda Co., Cal. Architect, Albert Farr, Foxcroft Bldg., S. F. Owner, Dr. Graham. The dwelling will contain in the neighborhood of fourteen rooms, three baths and sleeping porch. The design is in the Mission style. Interior finish will be of pine and hardwood with hardwood and inlaid floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. A vacuum cleaning and hot water system will also be installed. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the building will be covered with cement plaster on metal lath. A clay tile roof will be used. Plans are complete and figures are being taken.

SCHOOL ADDITIONS AND ALTERATIONS—Frame construction. Cost not stated. Berkeley, Alameda Co., Cal. Architect, none. Owners, City of Berkeley. Bids will be opened on June 16th for finishing two rooms at the Hawthorne School, finishing three rooms at each the Jefferson and the Oxford Schools. Full particulars can be had from the Berkeley Board of Education. On June 23rd bids will be opened for a four-room art school addition to the school on Kittredge street. Construction will be of frame.

SEWER PIPE—Cost not stated. Oakland, Cal. Engineer, City Engineer. Oakland. Owners, City of Oakland. Bids will be opened on June 18th for furnishing the city with sewer pipe for the coming year. Plans and specifications can be secured from the City Engineer.

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Am't.
1142	Silverstein	Rose	500
1144	Shennington		500
1145	McCausland	McCausland	1800
1352	Astrue	Trobeck	9750
1452	Posey	Creighton	5650
1453	Spiganovitch	Bartlett	3727
1455	Milburn	Milburn	400
1456	Wise	Wise	9000
1457	Trimlett	Trimlett	1600
1459	Brasch	Brasch	3504
1460	Astrue	Trobeck	8015
1461	Hodkins		3000
1462	Zuan Yu	Courtright	400
1464	Richardson	Schradner	705
1465	Reeves	Rassett	600
1467	Blidell	Whalin	500
1467	Rieth	McWilliams	925
1469	Campanio	Compamponesi	1000
1470	Louis	Mitcheil	329
1471	Hesse	Kulcher	1800
1473	Ayres	Caldwell	26040
1474	Burman	Peterson	2480
1475	Fillmore	Kreiger	4500
1476	Jessen	Nider	1900
1478	Penn	Penn	1500
1479	Same	Same	1500
1480	Butler	Butler	1900
1481	Lawlor	Lawlor	3700
1483	Pland	Western	12915
1485	S. George	Thoy	1500
1487	Same	Klenck	7157
1488	Same	Dixon	2100
1486	Same	Blake	750
1487	Same	Pie Struc Steel	9000
1488	Same	Cutton	1210

1189	Davis	Rountree	4000
1490	Bon	Flittner	1500
1491	Sam Lang	Mowat	510
1492	Helm	Helm	5000
1494	Richard	Richard	600
1495	Beauchamp	Knight	2400
1496	Pas G & E Co.	Lovett	156
1500	Racco	Garello	600
1501	Hyde	Corbett	400
1502	White	McCann	500
1503	Weyer	Holmes	1000
1504	Sederstrand	Owner	400
1505	Sequida	Dutra	2150
1506	Croakerton	Nichols	4900
1507	Historious	Faulkes	1490

(1442) NE FOURTEENTH & MARKET
Oakland. Alterations.
Owner.....A. Silverstine, 1756 Alice,
Oakland.
Architect.....None.
Contractor.....A. H. Rose & Co., 545 17th,
Oakland.
COST, \$500

(1444) NW MABELLE & KANNING,
Oakland. One-story 5-room dwlg.
Owner.....C. H. Shepardson, 2208 E-
25th, Oakland.
Architect.....None.
Contractor.....W. A. Sappington, May-
helle nr Kanning, Okd.
COST, \$500

(1445) N SANTA RITA AVE 301 W
Rosedale Ave., Oakland. One-story
4-room dwelling.
Owner.....Martha McCausland, 2254
41st Ave., Oakland.
Architect.....W. W. Dixon, 1844 5th Ave
Oakland.
Contractor.....Wm. McCausland, 2254 41st
Ave., Oakland.
COST, \$1800

(1452) W BRUSH 77 S 16th, Oakland.
Three-story 18-room frame apart-
ment house.
Owner.....Chas. J. Astrue, 1717 Chest-
nut, Oakland.
Architect.....J. H. Christie, S. F.
Contractor.....B. A. Trobeck & Co., 1441
Larkin, San Francisco.
COST, \$9750

(1453) LOT 38 Map Piedmont Manor,
Piedmont. All work for two-story
and basement dwelling.
Owner.....G. A. Posey, Oakland.
Architect.....James H. L'Hommedieu,
Syndicate Bldg., Oakland.
Contractor.....Walter H. Creighton, Okd.
Filed June 6, '14. Dated June 4, '14.
In accordance with agreement
dated June 4 between contractor
and owner.....
TOTAL COST, \$3650

Bond, none. Limit, 90 days. Forfeit.
none. Plans and specifications, none.

(1454) S FIFTY-NINTH 500 E Brook-
side Park being Ptn Lot 7 Plot 72,
Kellersbergers Map Ranchos Vincente
and Domingo Peralta, Oakland. All
work for two-story frame dwelling.
Owner.....Edgar V. Spiganovitch, 6028
Harwood, Oakland.
Architect.....None.
Contractor.....Jno. M. Bartlett, 565 16th,
Oakland.
Filed June 9, '14. Dated May 26, '14.
Frame up 1/4
1st coat plaster on 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$3297

Bond, \$1963.50. Surety, Southwestern
Surety Ins. Co. Limit, 90 days. Forfeit,
\$3. Plans and specifications filed.

(1455) W NINETY-FIRST AVE 167 S
"D," Oakland. One-story 3-room
dwelling.

Owner.....Annie Milburn, 2008 81st
Ave., Oakland.
Architect.....None.
Contractor.....E. Milburn, 2008 81st Ave.,
Oakland. COST, \$1400

(1456) W SIXTEENTH AVE 35 S E-
19th, Oakland. One-story 5-room
dwelling.

Owner.....A. A. Wise, 1941 16th Ave.,
Oakland.
Architect.....John Ramsing, 916 Balboa
Bldg., San Francisco.
Day's work. COST, \$2000

(1457) S BROOKDALE AVE 210 W
35th Ave., Oakland. One-story 4-room
dwelling.

Owner.....Robert Trimlett, 3136 High,
Oakland.
Architect.....None.
Day's work. COST, \$1600

(1459) SW HAMPEL & GREENWOOD,
Oakland. Two-story 7-room dwlg.
Owner.....M. P. Brasch, 5836 Ocean
View Drive, Oakland.
Architect.....Elite Planners, 1844 5th
Ave., Oakland.
Day's work. COST, \$3500

(1460) NO. 1717 BRUSH, Oakland. All
work for three-story frame apart-
ment house.
Owner.....Chas. J. Astrue, Premises.
Architect.....None.

Contractor.....B. A. Trobeck (B. A. Tro-
beck & Co.), 1441 Larkin,
San Francisco.

Filed June 9, '14. Dated June 9, '14.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, \$8015
Bond, none. Limit, 80 days. Forfeit.
\$5. Plans and specifications filed.

(1461) E ADELIN 166.83 N 12th E
1223N 36.50, Oakland. All work for
one-story frame dwelling.

Owner.....F. L. Hodkins, 1115 7th,
Oakland.
Architect.....None.
Contractor.....Whalin Bros., Bacon Bldg.,
Oakland.

Filed June 9, '14. Dated June 9, '14.
Enclosed and roof on..... 1/4
Plastering completed 1/4
Completed 1/4
Usual 35 days..... 1/4
TOTAL COST, \$2060
Bond, none. Limit, 60 days. Forfeit.
\$1. Plans and specifications filed.

(1463) S NINTH 100 E Broadway,
Oakland. Alterations.

Owner.....Zuan Yu, Premises.
Architect.....None.
Contractor.....T. D. Courtright, 5720
Keith Ave., Oakland.
COST, \$400

(1464) NO. 520 FIFTEENTH, Oakland.
Alterations.

Owner.....A. C. Richardson, 1st Na-
tional Bank Bldg., Oakland
Architect.....None.
Contractor.....J. F. Sharder, 520 16th,
Oakland. COST, \$705

(1465) E FORTY-SECOND AVE 100 S
E-12th, Oakland. One-story three-
room dwelling.

Owner.....R. E. Reeves, 3327 E-14th,
Oakland.
Architect.....None.
Contractor.....J. L. Bassett, 4207 E-12th,
Oakland.
COST, \$600

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Bond, \$13,250. Sureties, L. D. McDonald and W. A. George, Limit, 115 days after June 15. Forfeit, \$10. Plans and specifications filed.

(1474) LOT 3 BLK 9 East Piedmont Heights Extension, Oakland. All work except grading, fences, tile floor in bath room, tile mantels, electric work, wall paper and tiling, finish hardware and light fixtures for two-story frame dwelling and garage. Owner.....Charles H. Burman, Okd. Architect...Frederick Soderberg, Union Bank of Svcs. Bldg., Okd. Contractor...Alfred Peterson, 1201 19th, Oakland.

Filed June 10, '14. Dated June 10, '14.
Frame sheathed & chimneys built ¼
Ready for 1st coat plaster..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼

TOTAL COST, \$3180

Bond, none. Limit, 75 days. Forfeit, \$3. Plans and specifications filed.

(1475) NO. 2 SEA VIEW AVE., Piedmont, Bungalow.

Owner.....Mrs. Fillmore.
Architect...Sidney Newsom, 1101 Nevada Bank Bldg., S. F.
Contractor...C. J. Kreiger, 1062 Mariposa, Berkeley.

COST, \$4500

(1476) — BOWIE — E Grand, Piedmont. Two-story residence.

Owner.....Chris Jessen, 1122 Oakland Ave., Oakland.
Architect...None.
Contractor...John Nuder, 728 E-14th, Oakland.

COST, \$1200

(1478) E EIGHTY-EIGHTH AVE 45 S Birch, Oakland. One-story 5-room dwelling.

Owner.....Theo. Fenn, 719 61st, Oku.
Architect...None.
Day's work.

COST, \$1500

(1479) E EIGHTY-EIGHTH AVE 85 S Birch, One-story five-room dwlg.

Owner.....Theo. Fenn, 719 61st, Okd.
Architect...None.
Day's work.

COST, \$1500

(1480) NO. 333 FORTY-NINTH, Oakland. Two-story 3-room dwelling also garage.

Owner.....Mrs. B. F. Butler, Prem.
Architect...None.
Contractor...B. F. Butler.

COST, \$1200

(1481) E KELLEY AVE 200 N Excelsior Ave, Oakland. One-story 5-room dwelling.

Owner.....E. J. Lawlor, 461 12th, Oakland.
Architect...None.
Day's work.

COST, \$3700

(1482) N FOURTEENTH 100 W Clay N 103.7; W 50 S 103.7 E 50, Oakland. Structural steel and iron work for three-story and basement Class "A" store and loft building.

Owner.....Nellie E. Blood, Jessie L. Appleton & Alliance Land Co., acting through Agent P. J. Walker, Monadnock Bldg., San Francisco.

Architect...C. W. Dickey, Central Bk. Bldg., Oakland.
Contractor...Western Iron Works, 141 Beale, San Francisco.

Filed June 11, '14. Dated June 9, '14.
Send monthly payments of.... 75%

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(1466) NO. 1367 EIGHTY-SEVENTH Ave., Oakland. Addition.

Owner.....Angelo Pilotti, Premises.
Architect...None.
Day's work.

COST, \$500

(1467) W E-TWENTY-FIRST 270 S 5th Ave., Oakland. One-story six-room dwelling.

Owner.....Chas. J. Rhein.
Architect...Elite Planners 1841 5th Ave., Oakland.

Contractor...R. A. McWilliams, 231 1st National Bank Bldg., Okd.

COST, \$2500

(1469) W EDDY AVE 80 N Cavour, Oakland. One-story 4-room dwelling.

Owner.....A. Complan, 5166 Miles Ave., Oakland.

Architect...None.
Contractor...E. Campomenosi, 3174 Miles Ave., Oakland.

COST, \$1090

(1470) NO. 550 TWENTY-FOURTH, Oakland. Alterations.

Owner.....Louis & Mitchell Inc, 1520 Broadway, Oakland.
Architect...None.

Day's work.

COST, \$522.50

(1471) NO. 1022 WASHINGTON, Oakland. Alterations.

Owner.....E. E. Hesse, Premises.
Architect...None.
Contractor...S. Kulchar & Co., 518 4th, Oakland.

COST, \$1800

(1473) W PERKINS 79 N Grand Ave N 91 W 125.07 S 50 E 62.59 S 41 E 62.50, Oakland. All work for three-story and basement frame apartments.

Owner.....T. L. Ayres.
Architect...Joseph Cahen, 45 Kearny, San Francisco.

Contractor...Caldwell & Son, 2247 Telegraph Ave., Berkeley.

Filed June 10, '14. Dated June 9, '14.

Frame up\$4450
Brown coated, rustic and roof on 5350
Plastered 3140
Standing trim on 2nd and 3rd
floors completed 2200
Entire standing trim completed 2200
Completed and accepted..... 2160
Usual 35 days..... 6510

TOTAL COST, \$26,040

36 days after..... 25%
TOTAL COST, \$11,215
Bond, \$5625. Surety, Massachusetts
Bonding & Insurance Co. Limit, Aug.
21, 1914. Forfeit, \$50. Plans and spec-
ifications filed.

(1483) SE TWENTY-FIFTH & GROVE
S 60x E 90, Oakland. Carpenter work,
mill work, flooring, store fronts,
wainscoting, picture moulding, stairs
patent flues, hardware, tiling, marble
work, tinning, galvanized iron and
metal windows for two-story and
basement Class "C" store and lodge
building.

Owner.....St. George Hall Associa-
tion, 1319 Broadway, Okd.
Architect...Cunningham & Politeo, 1st
National Bank Bldg., S. F.
Contractor...Chas. Trow, 335 35th, Okd.
Filed June 11, '14. Dated June 9, '14.
1st and 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$10,537

Bond, \$5268.50. Surety, Aetna Accident
& Liability Co. Limit, 100 days. Forfeit,
\$20. Plans and specifications filed.

1484) EXCAVATION, CONCRETE
and brick work on above.
Contractor...P. J. Klenck, Siaron Bldg.,
San Francisco.

Filed June 11, '14. Dated June 9, '14.
Payments same as above.....
TOTAL COST, \$7117
Bond, \$3558.50. Surety, Massachusetts
Bonding & Insurance Co. Limit, 65
days. Forfeit, \$20. Plans and specifi-
cations filed.

(1485) LATHING, PLASTERING AND
Dampproofing on above.
Contractor...George Dixon, Oakland.
Filed June 11, '14. Dated June 9, '14.
Payments same as above.....
TOTAL COST, \$2450
Bond, \$1225. Surety, Chicago Bonding
& Surety Co. Limit, 50 days. Forfeit,
\$20. Plans and specifications filed.

(1486) PAINTING, INTERIOR FIN-
ishing, kalsomining and linowall
wainscot on above.
Contractor...W. Blake, 19 Rio Vista
Ave., Oakland.
Filed June 11, '14. Dated June 9, '14.
Payments same as above.....
TOTAL COST, \$750
Bond, \$375. Surety, Fidelity & Deposit
Co. Limit, 30 days. Forfeit, \$20. Plans
and specifications filed.

(1487) CAST IRON, STEEL WORK &
painting same on above.
Contractor...Pacific Structural Iron
Works, 570 10th, S. F.
Filed June 11, '14. Dated June 9, '14.
Completed and accepted..... 75%
Usual 35 days..... 25%
TOTAL COST, \$2030
Bond, \$1065. Surety, Aetna Accident &
Liability Co. Limit, 30 days. Forfeit,
\$20. Plans and specifications filed.

(1488) GAS FITTING, PLUMBING,
vacuum pining and sewer on above.
Contractor...T. R. Catton, 1011 Franklin
Oakland.
Filed June 11, '14. Dated June 9, '14.
1st and 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$1210
Bond, \$605. Surety, Chicago Bonding &
Surety Co. Limit, 40 days. Forfeit,
\$20. Plans and specifications filed.

(1489) SE MANOR DRIVE & HOLLY
Place, Piedmont. Two-story resi-
dence.

Owner.....A. C. Davis, Manor Drive
and Holly Place, Piedmont.
Contractor...Wm. A. Newman, Hewes
Bldg., San Francisco.

Contractor...Jas Rountree, 5417 Shafter
Ave., Oakland.
COST, \$4000

(1490) NO. 531 THIRTY-SEVENTH,
Oakland. Alterations.

Owner.....Marie L. Bon, Premises.
Architect...None.
Contractor...Jos. Filtner, 1700 35th
Ave., Oakland.

COST, \$500

(1491) NOS. 427-29 NINTH, Oakland.
Alterations.

Owner.....Sam Lang & Co., 423 9th,
Oakland.
Architect...None.

Contractor...J. Mowat, 2125 Market,
Oakland.
COST, \$510

(1492) NO 2725 THIRTY-FIFTH AVE
Oakland. Interior finishing.

Owner.....C. Helms, 1831 Alcatraz
Ave., Oakland.
Architect...None.

Day's work. COST, \$500

(1494) W MAGNOLIA 162 S 30th, Oak-
land. One-story brick dwelling and
store.

Owner.....H. Michard, 2911 Magnolia,
Oakland.
Architect...None.

Day's work. COST, \$600

(1495) E EIGHTY-SIXTH AVE 100
W Olive, Oakland. One-story five-
room dwelling.

Owner.....Leigh Beauchamp, Okd.
Architect...None.

Contractor...H. C. Knight, 522 25th,
Oakland.
COST, \$2400

(1496) SE SECOND & WASHINGTON
E 150xS 200, Oakland. Painting with
Peerless roof paint, roofs and gutters
of warehouse, garage, stove ware-
house and meter shop.

Owner.....Pacific Gas & Elec. Co.,
13th and Clay, Oakland.
Architect...None

Contractor...R. H. Lovett, 571 39th, Okd
Filed June 12, '14. Dated June 5, '14.

Completed 75%
Usual 35 days..... 25%
TOTAL COST, \$156

Bond, \$78. Sureties, I. H. Clay and E.
K. Caldwell. Limit, as soon as possible
Forfeit, none. Plans and specifications,
none.

(1497) NE DERBY AND TELEGRAPH
Ave, being No. 2643 Telegraph Ave.,
Berkeley. Carpenter work, mill,
brick work, terrazzo steps, flooring,
windows, doors, glazing, tiling, tin-
ning and galvanized iron, electrical
work, lathing, plastering and plumbing
for alterations and additions to
two-story frame dwelling.

Owner.....Richard T. Kennedy, Prem.
Architect...Cunningham & Politeo, 1st
National Bank Bldg., S. F.

Contractor...P. G. MacIntyre, 335 34th,
Oakland.

Filed June 12, '14. Dated June 9, '14.

Plumbing roughed in, storm sewers
completed & 1st coat plaster on, \$100

Completed and accepted..... 425

Usual 35 days..... 275

TOTAL COST, \$1109
Bond, \$509. Surety, Massachusetts
Bonding & Insurance Co. Limit, 60
days. Forfeit, \$5. Plans and specifi-
cations filed.

(1500) S McADAM 300 E Broadway,
Oakland. One-story 3-room dwelling.

Owner.....Luigi Racco, 262 McAdam,
Oakland.
Architect...None.

Contractor...P. Garello & Co., 311 51st,
Oakland.
COST, \$600

(1501) NO. 346 THIRTEENTH, Oak-
land. Alterations.

Owner.....Hyde & Heppen, Premises.
Architect...None.

Contractor...Corbett & Bayless, 1119
Franklin, Oakland.
COST, \$160

(1502) NO 1219 BRUSH, Oakland.
Addition.

Owner.....B. White, Premises.
Architect...None.

Contractor...J. McCann, 1530 5th, Okd
COST, \$500

(1503) SW LOUISIANA AND RAIL
Road Ave., Oakland. One-story four-
room dwelling.

Owner.....Paul Weyer, 250 Vienna,
San Francisco.

Architect...None.
Contractor...Hurlbut & Holland, 9818 B
St., Oakland.

COST, \$1000

(1504) N TWENTY-FOURTH 30 E
Chestnut. Alterations and additions
to two-story frame apartments.

Owner.....P. A. Soderstrand, 1086
24th, Oakland.
Architect...None

Day's work. COST, \$1000

(1505) NW FIFTH AND LEWIS,
Oakland. Two-story 7-room dwelling
and stores.

Owner.....B. Sequeira, 1537 5th, Okd.
Architect...Clay N. Burrell, Albany
Bk., Oakland.

Contractor...A. V. Dutra, 725 Adams,
Albany.

COST, \$2150

(1506) N LAKE PARK AVE 350 E
Lake Shore Ave., Oakland. Two-
story 8-room dwelling.

Owner.....D. H. Crockerston, 2014 Fil-
bert, Oakland.
Architect...None.

Contractor...Leo L. Nichols, 1st Trust
Bldg., Oakland.
COST, \$1900

(1507) LOT 40 BLK 2036 Map Rol-
land Tract, Oakland. All work for
one-story three-room dwelling.

Owner.....Misses Dora and Ada
Bistorious, 684 17th, Okd.

Architect...None.
Contractor...John R. Faulkes, 9828 E-
14th, Oakland.

Filed June 13, '14. Dated June 8, '14.

Frame up and rafters in place, \$350

1st coat plaster on..... 350

Completed 350

Usual 35 days..... 440

TOTAL COST, \$1490

Bond, \$745. Surety, Southwestern
Surety Insurance Co. Limit, 60 days.

Forfeit, \$250. Plans and specifications
filed.

Building Contracts Awarded.

Berkeley.

No.	Owner	Contractor	Amt.
1443	Davis	.....Davis	1200
1446	Patterson	.....Merrilees	1785
1450	Pordon	.....Larmer	2000
1451	Beta Omega	.....Van Sant	5500
1458	Congor	.....Congor	2600
1462	Smith	.....Perrenot	400
1468	Balmras	.....Johanson	1100
1472	Schwind	.....Patton	3500
1475	Pactow	.....June	5500
1493	Carleton	.....Carleton	400
1497	Kennedy	.....Macletree	5500
1498	Rediviva	.....Junk	8880
1499	Arms	.....Erash	3000

(1443) N ASHEY 300 W California, Berkeley. One-story 3-room dwlg.
Owner.....S. A. Davis 3245 Idano, Berkeley.

Architect.....None.
Day's work.....COST, \$1500

(1446) S DERBY 240 E Grant, Berkeley. One-story 3-room dwelling.
Owner.....J. W. Patterson, 3120 Ellis Berkeley.

Architect.....None.
Contractor.....J. M. Merrilees & Co., 2916 Grove, Berkeley.
COST, \$1785

(1450) NE ASHEY AVE & CALIFORNIA, Berkeley. One-story 1-room frame store.
Owner.....E. Pordon, Berkeley.

Architect.....None.
Contractor.....Edw. Larmer, 470 Boulevard Way, Oakland.
COST, \$2000

(1451) NE BOWDITCH & DURANT Ave., Berkeley. Three-story 6-room addition to frame fraternity house.
Owner.....Beta Omega of Delta Tau Delta Bldg. & Loan Association, 2601 Durant Ave., Berkeley.

Architect.....Gustav A. Moller, 2601 Durant Ave., Berkeley.
Contractor.....Van Sant-Houghton Co., 503 Market, S. F.
COST, \$5000

(1458) E MILVIA 90 N Rose, Berkeley Two-story five-room dwelling.
Owner.....Geo. P. Congor, 1345 Milvia, Berkeley.

Architect.....None.
Day's work.....COST, \$2000

(1462) NO. 1437 SANTA FE, Berkeley. Addition.
Owner.....M. F. Smith, Premises.
Architect.....None.
Contractor.....D. Perrenot, 1435 Cornell Ave., Berkeley.
COST, \$400

(1468) NW NINTH & CARLTON, Berkeley. Two-story 17-room frame lodging house.
Owner.....Till Balmras, 2430 9th, Bkly
Architect.....None.
Contractor.....Gustaf Johanson, 1811 Rose Berkeley.
COST, \$5500

(1472) N SHASTA AVE 200 E Tamalpais, Berkeley. Two-story five-room dwelling.
Owner.....M. Schwind, 2623 Shasta Ave., Berkeley.

Architect.....None.
Contractor.....Geo. W. Patton, 2126 Emerson, Berkeley.
COST, \$3500

(1477) ARLINGTON AVE., Berkeley. All work for two-story frame dwlg.

Owner.....L. J. Pactow, 1518 Le Roy Ave., Berkeley.

Architect.....None.
Contractor.....Junk-Riddell Invest. Co., 509 Berkeley National Bk. Bldg., Berkeley.

Filed June 10, '14. Dated.....
No payments given.....

TOTAL COST, \$.....
Plans and specifications only filed. No agreement.

(1493) E TENTH 80 N Carlton, Berkeley. Alterations.

Owner.....C. E. Carleton, 2622 San Pablo Ave., Berkeley.
Architect.....None.
Day's work.....COST, \$100

(1498) S HILGARD 300 E Euclid, Berkeley. Three-story 15-room club house.
Owner.....Rediviva Club House Ass'n., 2531 Benvenue Ave., Bkly.

Architect.....None.
Contractor.....Junk-Riddell Co., 2347 Telegraph Ave., Berkeley.
COST, \$8880

(1499) E NEWTON AVE 287 S Wesley Ave. One and one-half-story 6-room dwelling.

Owner.....H. P. Arms, Marboy Apts., Berkeley.
Architect.....Elite Planners, 1844 5th Ave., Berkeley.
Contractor.....M. P. Brasch, 5836 Ocean View Drive, Berkeley.
COST, \$3000

Building Contracts Awarded.

Alameda.

No.	Owner	Contractor	Amt.
1447	Anderson	.....Kleeman	400
1448	Rockingham	.....Rockingham	1900
1449	Redevich	.....Aitchison	2000

(1447) NO. 1818 CHAPIN, Alameda. Add to dwelling.

Owner.....G. Anderson, 250 E St., San Francisco.
Architect.....None.
Contractor.....Win. Kleeman, 188 Page, San Francisco.
COST, \$100

(1448) NO. 1832 WALNUT, Alameda. One-story 5-room dwelling.
Owner.....J. H. Rockingham, 2306 San Jose Ave., Alameda.

Architect.....None.
Day's work.....COST, \$1900

(1449) NO. 616 TAYLOR AVE., Alameda. Alterations.
Owner.....Sam Redevich, Premises.
Architect.....None.
Contractor.....Aitchison & Sons, 624 Taylor Ave., Alameda.
COST, \$2000

COMPLETION NOTICES.

ALAMEDA COUNTY.

June 5, 1914—LOT 24 BLK 1, Thousand Oaks, Oakland Tp. J. H. Spring and George Friend to Spring Construction Co.....June 4, 1914
June 5, 1914—LOT 24 BLK 20 Map of Blocks 20, 21, 22, 23, 24, Thousand Oaks, Oakland Tp., Clarendon C. Ailing to H. W. McIntire.....June 1, 1914
June 5, 1914—E. EL CERRITO AVE. 434 78 NE 38th NE 42 71 SE 119 46 SW 22 95 NW 113 50, Okd., Thomas Dowdell to J. P. Silva.....June 3, 1914
June 5, 1914—LOT 9 BLK "V" 973 Map

No. 1 Sub Ptn Central Oakland, being No. 3251 Webster, Okd. Leo A. Fletts to Sullivan Bros., June 4, 1914
June 5, 1914—NE REDWOOD AND Pleasanton Roads NE 3 93 ch NW 4 11 ch SW 3 37 ch SE 6 15 ch, Okd. J. T. Brennan to R. F. Buckman.....June 2, 1914
June 5, 1914—LOT 27 Map Piedmont Terrace—by-the-Lake, Okd. Frank F. Lewis to Fred Peters, June 4, 1914
June 5, 1914—LOT 60 Map Park View Tract No. 2, Oakland Tp., George J. Wallace to Joseph Neal, June 4, 1914
June 6, 1914—LOT 18 BLK 6 Map San Pablo Park, Bkly., Gustaf Johanson to whom it may concern.....June 4, 1914
June 6, 1914—S D WIGHT WAY 763 57 1/2 E San Pablo Ave E 63 94 1/2 S 129 75, Bkly., John Lutje Bredehoff to whom it may concern.....June 4, 1914
June 9, 1914—LOT 29 Clover Garden Tract, Okd. A. S. Maloon by Torrence S. Peterson to Torrence S. Peterson.....June 8, 1914
June 9, 1914—SW SEVENTH AND Adeline 53x110, Okd. K. Sudaha and A. Saba to W. A. Anderson.....June 6, 1914
June 9, 1914—N ROSE 577 W Grant W 42xN 135, Bkly., Addie G. Brodrick to W. L. Brodrick.....June 6, 1914
June 9, 1914—N SANTA CLARA AVE 537-9 1/2 W 5th W 38xN 144-3.....Emil T. Bertelsen to John Struven.....June 6, 1914
June 9, 1914—NE EIGHTH AND Parker E 130 N 208 77 W 131 13xS 192 3 1/2, Bkly., Kawneer Mfg Co to Gutleben Bros.....June 7, 1914
June 10, 1914—56 N FROM COR. OF 26th running W 125 being No. 2605 Market, Okd. W. P. Taylor to E. W. Hayes.....June 6, 1914
June 10, 1914—NE E-FOURTEENTH and 4th Ave, being Bk 55 Map of Chilton, Okd., Charles Bennett to Cornelius C. Foss.....June 9, 1914
June 10, 1914—E MIRA VISTA AVE 240 N Bonham Way E 47 95 N 73 45 SW or curve left radius of 40 65 18 SW 39 32, Okd. Jessie A. Christensen to C. Texdahl, June 8, 1914
June 10, 1914—W 10 LOT 12 AXN all Lot 13 Bk "F" 1111, Thermal Hill Tract. Josephine Upward to F. N. Strange.....June 9, 1914
June 10, 1914—LOT 11 Map Boyd Court, Claremont Ave 60 N Eton Court, Bkly., Boyd & Anton to Verne Dildine.....June 9, 1914
June 11, 1914—SW SIXTEENTH AND Clay S 60xW 100, Okd. M. Friedman Realty Co to Chas. B. Hadley.....June 4, 1914
June 12, 1914—NE JEFFERSON AND Addison S. to Strawberry Creek th along said creek to California N to Addison th along S line Addison 260 to pt beg. Bkly. The Roman Catholic Archbishop of S. F. to Kidder & McCullough.....June 7, 1914

LIENS FILED.

ALAMEDA COUNTY.

June 1, 1914—LOT 21 Sbdvn "A" Thermal Rancho, being Ptn Sec 8 T 4 S R L E 5 58 acres, Sinalo Tp., Geo. Bender vs. B. J. Heine.....\$63.20
June 2, 1914—LOT 4 BLK 9 Map Claremont, Bkly., Contra Costa Bldg Materials Co vs. Richard Law, E. D. McKeon, Bay City Bldg Co, H. K. and J. C. Bowman.....\$381.68
June 2, 1914—LOT 4 BLK 9 Map

Claremont, Bkly. John W Hodge, \$182.80; Oscar Sellers, \$1111.55; Tilden Lumber Co, \$165 vs Bay City Bldg Co, G D Patterson, H K and J C Bowman, \$343.75
 June 3, 1914—LOT 4 BLK 9 Map Claremont, Bkly. Berkeley Lumber Co vs Bay City Bldg Co, H K and J C Bowman and G D Patterson, \$343.75
 June 5, 1914—NW EIGHTY-SIXTH Ave 60 NE Dowling Ave th along NW line 56th Ave 50xNW 100, Okd. F E Gold vs Grace Hammond and Gerald L Abell, \$110.60
 June 6, 1914—LOT 4 BLK 9 Map Claremont, Bkly. Andrew T Hunt vs H K and J C Bowman and G D Patterson, \$65
 June 8, 1914—LOT 25 BLK 1, Fairview Park being No. 6425 Benvenue Ave., Oakland. Wm Borrell vs Louise Ives, \$95
 June 8, 1914—LOT 17 BLK 3 Arlington Oaks, Oakland Tp. L J Delbel vs W R Gettemy, \$461
 June 9, 1914—SE FOURTEENTH & Broadway, being Lots 5, 6, 7, 8, 9, 10, 11, 12 and 13 Elk 191, Kellersbergers Map of Oakland. Joseph Musto Sons-Keenap Co vs The Pacific Theatre Co and William G Henshaw, \$1100
 June 12, 1914—LOT 77 AND W 10 Lot 78 Map Lawton Ave Tract, Okd. Sunset Lumber Co vs C Pregno, \$157.43
 June 12, 1914—LOT 4 BLK 9 Map Claremont, Bkly. Inland Floor Co vs James C and Helena Kathryn Bowman & Bay City Bldg Co, \$218.75
 June 12, 1914—LOT 4 BLK 9 Map Claremont, Bkly. Oscar Sellers vs Bay City Bldg Co, G D Patterson H K Bowman and J E Bowman, \$1111.55
 June 12, 1914—SE THIRTIETH AND Linden S 32-6x E 90, Okd. Hogan Lumber Co vs L Schwartz and A F Wald, \$381.52
 June 12, 1914—LOT 4 BLK 9 Map Claremont, Bkly. Scott Co vs H K and J E Bowman and Bay City Bldg Co, \$459.97

Brick foundation	1	400.00
Additional cost to reinforced concrete nickelodeon and stores...	1,500.00	
Concrete pump house...	1	200.00
Concrete motor house...	1	150.00
Steel & concrete warehouse	1	5,000.00
Steel & concrete garage	1	2,500.00
Steel & concrete office	1	900.00
Steel & concrete loading house	1	1,400.00
Steel platform	1	450.00
Steel frame and sheet metal supply station	1	575.00
Corrugated iron shed	1	50.00
Work shops, tank frames and barns....	5	1,535.00
Garages, sheds and stables	28	4,024.00
Alterations, additions and repairs	155	49,530.50
Totals	307	\$266,728.50
New construction	152	\$217,198.00
Alterations, additions and repairs	155	49,530.50
Totals	307	\$366,728.50
Building Operations for April were as follows:		
New construction	149	\$338,142.50
Alterations, additions and repairs	151	67,398.00
Totals	300	\$405,540.50

SAN JOSE AND THE SANTA CLARA VALLEY

COTTAGE—1 story and base, frame. \$2,000. San Jose, Santa Clara Co., Cal. Architect, none. Owner, Casper Lenar, northeast Josefa and San Salvadore streets, San Jose. The dwelling has been designed for a five-room house with bath. Interior will be finished in pine throughout. An automatic water heater will be installed. Bath room will have tile wainscot. There will be an open fire place and tile mantel. Exterior of the dwelling will be covered with rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

NEAR COR. EMERSON AND UNIVERSITY Ave., Palo Alto. All work except plumbing, heating, lighting, shades and doctors' special cases for alterations and additions on store in two-story and basement Class "C" building.
 Owner.....Jas. Frazer, Palo Alto.
 Architect.....Henry Sherman, 803 Mills Bldg., San Francisco.
 Contractor.....C. A. Brady, San Mateo.
 Filed May 25, '14. Dated May 21, '14.
 On 1st of each month..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$18,865
 Bond, \$9433. Sureties, O. E. Brady and J. W. Miller. Limit, 100 days. Forfeit, \$10 per day. Plans and specifications filed.
 LOT 50 CLEAVES TRACT, San Jose. All work for one-story bungalow.
 Owner.....H. W. Ballet, San Jose.
 Designer.....Aitkins & Richards, Theatre Bldg., San Jose.
 Contractor.....J. B. Lamb, 640 S-11th St., San Jose.
 Filed May 27, '14. Dated May 27, '14.

Frame up

Mortar on

When completed

Usual 35 days.....

TOTAL COST, \$2384.50

Bond, \$1200. Surety, E. W. and O. E. Schnabel. Limit, 70 days. Forfeit, none. Plans and specifications filed.

SEALER ADDITION, Palo Alto. All work for one-story frame shingled bungalow.
 Owner.....L. A. James, Palo Alto.
 Architect.....W. G. Mitchell & Chas. E. Hodges, Bankers' Invest ment Bldg., S. F.
 Contractor.....A. Cooke, Burlingame.
 Filed June 1, '14. Dated May 26, '14.
 Frame up

Shingles and plastered.....

When accepted

Usual 35 days.....

TOTAL COST, \$2033

Bond, \$1517. Surety, Pacific Coast Casualty Co. Limit, 75 days. Forfeit, \$10 per day. Plans and specifications filed.

LOS ALTOS, CAL. All work except mill work, finish hardware and glass and glazing for frame church.
 Owner.....Protestant Episcopal Bishop of California, Inc., 1215 Sacramento, S. F.
 Architect.....Coxhead & Coxhead, Hearst Bldg., San Francisco
 Contractor.....H. J. Ross, Palo Alto.
 Filed May 27, '14. Dated May —, '14.
 Frame up and covered.....

Building plastered and shingled

When building finished.....

Usual 35 days.....

TOTAL COST, \$1600

Bond, \$800. Surety, Guardian-Casualty & Guaranty Co. Limit, 45 days. Forfeit, \$5 per day. Plans and specifications filed.

NW SANTA CLARA AND TENTH STS., San Jose. All work for one-story frame store building.
 Owner.....E. Salas, 450 E-Santa Clara, San Jose.
 Architect.....Chas. McKenzie, Bank of San Jose Bldg., San Jose.
 Contractor.....J. H. Miller, 1641 S-Second St., San Jose.
 Filed June 4, '14. Dated June 2, '14.
 Frame up

1st coat plaster on

When completed

Usual 35 days.....

TOTAL COST, \$2050.00

Bond, \$1200. Sureties, T. E. Hubbard and W. A. Beall. Limit, 50 days. Forfeit, none. Plans and specifications filed.

NO. 1117 ORCHARD, San Jose. One-story milk house.
 Owner.....Fred F. Walkers, Premises.
 Architect.....None.
 Day's work.....

COST, \$400

NO. 469 E-ST. JOHN, San Jose. Six-room cottage.
 Owner.....L. M. Cunan, Premises.
 Architect.....None.
 Contractor.....Wm. Regal, 344 S-15th St., San Jose.

COST, \$3000

NO. 551 W-SAN SALVADORE, San Jose. New front and repair cottage.
 Owner.....E. Garnard, Premises.
 Architect.....None.
 Day's work.....

COST, \$400

NO. 109 SAN AGUSTINE, San Jose, Repair building.
Owner.....A. Buffo, Premises.
Architect.....None.
Day's work.....COST, \$160

NE JOSEFA AND SAN SALVADORE, San Jose. Five-room cottage.
Owner.....Casper Lenar, Premises.
Architect.....None.
Day's work.....COST, \$2000

NO. 398 N-SEVENTEENTH, San Jose. Front porch and repairs.
Owner.....Joe Sidler, 11 1/2 S-First, San Jose.
Architect.....None.
Day's work.....COST, \$400

NO. 137 S-SEVENTEENTH ST., San Jose. All work for one and one-half story frame dwelling.
Owner.....G. S. Jones.
Architect.....A. P. Hill Jr., San Jose.
Contractor.....R. C. Herschbach, 320 W. St. James, San Jose.
Filed May 14, '14. Dated Apr. 24, '14.
Frame up\$988.70
When plastered 988.70
When completed 988.70
Usual 35 days 988.70
TOTAL COST, \$3954.00

Bond, \$2000. Surety, U. S. Fidelity & Guaranty Co. Limit, Aug. 21, '14. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED ACCEPTED
May 26, 1914—NW TILLMAN AND Yosemite Ave. Hanchet Park Lot 11 Blk 3, San Jose. E P. Main to whom it may concern. May 26, 1914
May 29, 1914—LOT 25 Linda Vista Tract, San Jose. J H Hill to whom it may concern. May 28, 1914
June 2, 1914—W FIRST, bet. San Carlos and San Salvador, San Jose. C L Meisterheim to whom it may concern. May 27, 1914
June 4, 1914—PART LOT 12 South Range 2 West of J Lick Homestead Tract. San Jose S Rogers to R E Carter. June 1, 1914
June 4, 1914—LOT 15 BLK 19 Liale Add'n, Palo Alto. E D Congdon to G G Bertsche. June 3, 1914
June 5, 1914—AGNEWS ROAD near Agnews Station. I M Morse to C C Barnhardt. June 1, 1914
June 6, 1914—COR. LYTON AVE & Middlefield Road, Palo Alto. A Roller to H J Ross. May 23, 1914

LIENS FILED.

SANTA CLARA COUNTY.

RECORDED AMOUNT
June 5, 1914—PART OF LOT 3 BLK 36 of Town of Palo Alto; on Webster near Lytton Ave. M L Dahl vs R B Ramsay and Peters & Clark. \$63.70

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

STORES AND OFFICES—2 story and base. Class C construction. Cost not stated. Antioch, Contra Costa Co., Cal. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owner, John McAravy. The building will be arranged for a number of stores on the first floor and offices

above. Bids are now being taken for all parts of the work except the reinforced concrete work.

RAILROAD STATION AND INN—2 story, frame and plaster, \$25,000. Muir Woods, Marin Co., Cal. Architects, Bliss & Fawcett, Balboa Bldg., S. F. Owners, Mill Valley and Mt. Tamalpais Scenic Railroad. The new building will replace the old inn recently destroyed by fire. There will be a large waiting room, office and restaurant. Interior will be finished in the rustic style with a large stone fire place. Exterior will be covered with field stone and cement plaster on metal lath. Plans are being prepared, but construction will not be started for several months.

STABLES AND GARAGE—1 story, frame and corrugated iron. Cost not stated. Richmond, Contra Costa Co., Cal. Engineer, Engineering Department Standard Oil Co., Standard Oil Bldg., S. F. Owners, Standard Oil Co. Property at the corner of Berryessa and Green streets has recently been purchased and a large stable building covering an area of 100 by 160 feet will be erected. There will be a cement floor and exterior will be covered with corrugated iron. Plans are complete and construction will be started at once by Day Labor.

SCHOOL—2 story and base, brick. Cost not stated. Pittsburgh, Contra Costa Co., Cal. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Pittsburgh Union High School District. The building will contain 25 class rooms, a large assembly hall, library, principal's office, teachers' rooms and departments for domestic science and manual training. There will be steam heat, a modern system of ventilation, vacuum cleaning and program clocks. Interior will be finished in pine with maple floors in the class rooms. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Bids will be opened on June 27th. Plans and specifications can be secured from the architect. An official proposal appears in another column of this issue.

BUILDING CONTRACTS.

MARIN COUNTY.

HARCOURT AND I STS., San Rafael. Grading, sewerage, concrete work, brick work, stair work, hardware, plumbing, painting, etc., for residence.

Owner.....Mrs. N. S. Halsey, San Rafael.
Architect.....None.
Contractor.....W. W. Rednall, 2500 Filbert, San Francisco.

Filed June 10, '14. Dated June 10, '14.
Frame up\$1160
1st coat plaster on 1170
When completed 1170
Usual 35 days 1170
TOTAL COST, \$4670

Bond, \$2335. Sureties, Herman Freese and L. B. Dunn. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS.

CONTRA COSTA COUNTY.

LOTS 3 AND 4 BLK 119, City of Richmond Tract. Excavation, foundation, brick, carpenter and electric work,

plumbing, plastering, glazing, painting, sheet metal work, roofing, hardware and labor for one-story frame residence with attic room.

Owner.....A. C. Faris, Richmond.
Architect.....J. B. Ogborn (non-certificated), Richmond.
Contractor.....J. J. Widner, Richmond.
Filed June 9, '14. Dated June 6, '14.
Frame up, walls sheathed, and roof on\$617.50
Brown coat of interior plaster on & exterior ready for plaster 617.50
Building completed and notice of completion filed 617.50
Usual 35 days 617.50
TOTAL COST, \$2470.00

Bond, \$1235. Sureties, H. T. Davis and W. H. Johnston. Limit, 90 working days. Forfeit, \$2. Plans and specifications filed.

LOT 17 BLK 1, Town of Antioch. Concrete and brick work to be completed within 30 working days from May 28, 1914 and furnish all necessary materials, etc., for two-story Class "C" building.

Owner.....John McAravy, Antioch.
Architect.....A. W. Cornelius, Merchants' Nat'l Bank Bldg., San Francisco.
Contractor.....Henry Cesa, Antioch.

Filed June 4, '14. Dated May 28, '14.
When concrete foundation in 25%
1st story walls are ready for placing 2nd story joists 25%
When contract completed 25%
Usual 35 days 25%
TOTAL COST, \$1185

Bond, \$600. Sureties, John P. Arata and Antonio Girando. Limit, none. Forfeit, \$10 per day. Plans and specifications filed.

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
June 9, 1914—SW 1/4 OF NE 1/4 AND NW 1/4 of SE 1/4 and NE 1/4 of SW 1/4 and SE 1/4 of NW 1/4 of Sec 15 T 1 S R 3 E M D B & M. Byron Hot Springs (L R Nead, Pres.) to Macdonald & Kahn. June 9, 1914
June 10, 1914—DES. TRACT BEG AT a point at the intersection formed by the S line of Main street and the W line of Fernandez Ave and running th S and along said W line of Fernandez Ave 120 feet by a uniform depth 50 feet, Town of Pinole. Carl Roff to J O Barker. June 2, 1914
June 12, 1914—LOTS 1, 2, 3, BLK 323 Additional or Welch Survey, Town of Martinez. H J Curry to Chas H Ludden and Robert W Lambley. June 11, 1914
June 12, 1914—LOTS 18, 19 BLK 15, City of Richmond Tract. City of Richmond to Paul Glaser. May 26, 1914

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED ACCEPTED
June 5, 1914—ROSS, Marin Co. Mary McNierney to Boston, Dillon & Boston. May 25, 1914

LIENS FILED.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
June 4, 1914—S 1/2 OF NW 1/4 OF Sec 15 T 1 N R E M D B & M. Sam

Meyers vs Juliette S. Harding,
Premier Antioch Oil Co and J. W.
Livermore\$532

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

SCHOOLS—3, 1 story and base, frame. Cost not stated. Visalia, Tulare Co., Cal. Architect, H. Y. Davis, Visalia. Owners, Munson, St. John's and Buena Vista School Districts. These three buildings will each contain four class rooms. Interiors will be finished in pine throughout. Stoves will be used for heating. Composition blackboards are specified. Exteriors will be covered with rustic and ship-lap. Plans are complete and figures will be called for at once.

SCHOOL—1 story, frame. Cost not stated. Fresno, Fresno Co., Cal. Architect, C. K. Kirby, Fresno. Owner, Biola School District. The building will contain two rooms and an assembly hall. Pine trim with maple floors in the class rooms will be used throughout. Composition blackboards are specified. Exterior of the building will be covered with rustic and ship-lap. Plans are complete and figures are now being taken. Bids close on June 26th. Plans can be secured from the architect.

SCHOOL ALTERATIONS, REPAIRS AND HEATING SYSTEM—Cost not stated. Bishop, Inyo Co., Cal. Architect, G. C. Clements, Johnson Bldg., Bishop. Owners, Bishop High School District. Plans have been completed for extensive alterations and repairs to the High School building and also for the installation of a new direct steam heating system. Bids are now being taken and will be opened on June 19th. Plans and specifications can be secured from the architect. An official proposal appears in another column of this issue.

SCHOOLS—4, 1 story and base, frame. Cost not stated. Bakersfield, Kern Co., Cal. Architect, J. M. Saffell, New Fish Bldg., Bakersfield. Owners as follows: The Norris School, four rooms costing about \$6,500, is out for figures. The Stone School, a four-room building costing \$5,500, is also out for figures; while the Browngold and Poplar Schools, three-room buildings costing \$5,000 each, will be out for figures next week. All four of the buildings will be erected in Kern County. Complete information can be secured from the architect.

BRIDGES—Eight, steel and reinforced concrete. Cost not stated. Madera, Madera Co., Cal. Engineer, County Surveyor, Madera. Owners, Madera County. Proposals will be opened on June 26th for furnishing designs and constructing eight steel and reinforced concrete bridges in Madera County. Complete information can be secured from the County Clerk at Madera. An official proposal for this work appears in another column of this issue.

Contracts Awarded.

SCHOOL—1 story and base, frame, \$10,000. Riverbank, Stanislaus Co., Cal. Architects, Woollett & Woollett, Newhall Bldg., S. F. Owners, Riverbank School District. Contractor, J. Schmidt, Oakland. Contract price, \$10,000.

SANITARY SEWER SYSTEM—Cost not stated. Exeter, Tulare Co., Cal. Engineers, Sloan & Robson, Nevada Bank Bldg., S. F. Owners, Town of

Exeter. Contractor, C. D. Vincent, Oakland. Contract price, \$31,570.

STREET PAVING—Cost not stated. Lindsay, Tulare Co., Cal. Engineers, Sloan & Robson, Nevada Bank Bldg., S. F. Owners, Town of Lindsay. Contractors, Federal Construction Co., S. F. Contract price, \$97,700.

STREET WORK—Cost not stated. Dinuba, Tulare Co., Cal. Engineers, Sloan & Robson, Nevada Bank Bldg., S. F. Owners, Town of Dinuba. Contractors, Ransome-Crummey Co., Oakland. Contract price, \$57,790.

BUILDING CONTRACTS.

FRESNO COUNTY.

LOTS 8 AND 9 BLK 1, Altamont Addition, Fresno. All work for one-story frame dwelling.

Owner.....Margaret B. Scott, Fresno
Architect...None.

Contractor...N. E. James and E. P. Smith, Fresno.

Filed June 11, '14. Dated June 11, '14.
Frame in place.....\$460
Plastering completed.....400
Completion of building.....400
Usual 35 days.....500

TOTAL COST, \$1700
Bond, \$900. Surety, Southwestern Surety Insurance Co. Limit, 45 working days. Forfeit, \$10. Plans and specifications filed.

LOTS 7 AND 8 BLK 4 Oilfields in Section 27, 19-15. All work for frame office building.

Owner.....California Oilfields, Ltd., Oilfields, Cal.

Architect...Ray & Soule, Santa Barbara, Cal.

Contractor...W. J. Ochs, Coalinga, Cal.

Filed June 9, '14. Dated May 28, '14.
1st story ceiling joists and 2nd story floor joists in place...\$1411.50
Roof sheathing completed.....1882.00
Building enclosed.....1882.00
Completion of building.....1882.00
Usual 35 days.....2352.50

TOTAL COST, \$9410.00
Bond, \$2352. Surety, Pacific Coast Casualty Co. Limit, 75 working days. Forfeit, none. Plans and specifications filed.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

RESIDENCES—1 and 2 story and base, frame. Cost not stated. Sacramento, Cal. Architects, none. The following Day Labor jobs are reported as about to be started in Sacramento: E. E. Sydenstricker, 2504 O street, 1 story five-room house, \$2,500, and C. Valine, 2417 15th street, 1 story five-room house, \$1,500. Materials are now being purchased.

HOSPITALS—1 and 2 story and base, frame and reinforced concrete. California. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Plans and specifications have been approved for the construction of a number of new buildings at the various state institutions. Approval of these plans has been given by the State Board of Control and money in the amount of \$117,000 has been set aside.

POST OFFICE—1 story and base, reinforced concrete. Cost not stated. Willows, Glenn Co., Cal. Architects,

Bliss & Faville, Fairboa Bldg. S. F. Owners, United States Government. Mr. Faville has donated the plans for this building and the Government has approved a site, also donated. Interior of the building will be finished in pine throughout. There will be a central heating system. Exterior of the building will be faced with cement plaster. Plans are now being prepared. Bids will probably be called through the office of the Supervising Architect at Washington, D. C. Further notice will be given in these columns.

POST OFFICE—1 and 2 story, brick, stone and steel. Cost not stated. Chico, Butte Co., Cal. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids opened in Washington for this work on June 9th show B. J. Duffy of San Francisco low as follows, \$76,230 for limestone and \$76,230 for sandstone. He will probably be awarded the contract. A complete list of these figures will be found under the heading of Sacramento, Stockton and Northern California.

DREDGING—Cost not stated. San Joaquin River, Cal. Engineer, Major S. A. Cheney, Custom House, S. F. Owners, United States Government. Bids are now being called for dredging the San Joaquin River and Stockton Channel. Bids will be opened on June 25th. Full particulars can be secured from the engineer in charge. An official proposal appears in another column of this issue.

RESIDENCES—2, 1 story and base, frame, \$2,500 and \$1,200. Sacramento, Cal. Architect, none. Owners, John Passmusen, Monte Vista avenue, and William G. Gallagher, Kearny street, near Arroyo. The larger house will contain six rooms and the smaller five rooms. Interiors will be finished in pine throughout. There will be open fire places and tile mantels. Some hardwood floors will be used. Automatic water heaters will be installed. Bath rooms and kitchens will have tile wainscot. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

STATE HIGHWAY WORK—Cost not stated. California. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids were opened at the last meeting of the State Highway Commission for work in four counties. A complete list of these bids will be found under the heading of Sacramento in this issue.

SEWAGE PUMPING PLANT AND MACHINERY—\$125,000. Sacramento, Cal. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. A new reinforced concrete pumping plant will be erected at the sewerage farm at the northeast corner of Franklin and Riverside avenues in Sacramento. Plans are complete and figures for the construction of the building and the installation of the machinery. Bids will be opened on June 23rd. An official proposal appears in another column of this issue.

OIL STORAGE TANKS—Steel construction, \$15,000. Sacramento, Cal. Engineer, Engineering Dept. Standard Oil Co., Standard Oil Bldg., S. F. Owners, Standard Oil Co. Work has been started by Day Labor on the construction of a number of steel oil tanks at Guthrie Station near Sacramento.

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San Francisco

Chico Post Office Bids Are Opened.

H. J. Duffy Law Man For Work on Both
Limestone and Sandstone. No
Award of Contract Made.

(By Special Wire.)

WASHINGTON, D. C., June 9, 1914.—Nine sets of figures were opened in the office of Supervising Architect Oscar Wenderoth today for the construction

of the United States Post Office at Chico, California. B. J. Duffy, of San Francisco, presented the lowest figure for both limestone and sandstone. His bids were as follows: \$76,230 for limestone and \$76,230 for sandstone. He will probably be awarded the contract.

The building will be a two-story structure with a one-story wing in the rear. Exterior will be faced with stone and brick. Construction will be non-fireproof, except the first floor. The building covers an area of about 6,000 square feet. The following is a complete list of the bids as opened:

Bidders	Limestone	Sandstone
B. J. Duffy, San Francisco.....	\$76,230	\$76,230
Welsh Bros., Oakland.....	78,787	82,500
Hamburg & Mattson, Astoria, Ore.....	\$3,000	84,500
Killing Co., Los Angeles.....	86,000	86,000
J. B. Reite, San Francisco.....	78,620	
Frank Gallagher, San Francisco.....	84,600	84,800
E. P. Burke, San Francisco.....	87,990	87,090
William A. Newson, San Francisco.....	88,998	91,146
E. D. Sharpe, Chico.....		78,298

State Highway Bids Opened Recently.

Bids for Work in Four Counties Opened
by Highway Commission, All Work
Within Estimate.

Bids were opened at the last meeting of the State Highway Commission for constructing State Highways in Shasta, Glenn, Butte and Tehama Counties. The following is a complete list of the bids as received together with the engineer's estimate and a list of the materials furnished by the state:

SHASTA CO. DIV. 2 ROUTE 3 SEC. D.
F. Rolandi, S. F.....\$62,245
Berry-Mackie & Co., S. F.....64,770
P. L. Burr, S. F.....76,925
Engineer's Estimate, \$60,657.75.

Materials furnished by State: Pipe railing, reinforcing steel, corrugated iron pipe, Portland cement. Total, \$6,458.55.

GLENN CO. DIV. 3 ROUTE 7 SEC. C.
F. Rolandi, S. F.....\$44,983.00
Carnahan & Mulford, S. F.....38,102.00
P. L. Burr, S. F.....39,035.00
M. Jacinto, Sacramento.....40,146.00
P. H. Hoare, Oakland.....37,209.50
Fred Leffler, S. F.....47,783.60
M. Blumenkranz, Stockton.....39,822.60
Engineer's Estimate, \$39,884.25.

Materials furnished by State: Pipe railing, reinforcing steel, corrugated iron pipe, Portland cement. Total, \$22,225.84.

BUTTE CO. DIV. 3 ROUTE 3 SEC. D.
P. L. Burr, S. F.....\$55,612.95
Chico Constr. Co., Chico.....54,512.40
Engineer's Estimate, \$55,619.25.

Materials furnished by State: Pipe railing, reinforcing steel, corrugated iron pipe, Portland cement, sand and coarse aggregate. Total, \$52,407.80.

TEHAMA CO. DIV. 2 ROUTE 7 SEC. A.
F. Rolandi, S. F.....\$61,686.90
Carnahan & Mulford, S. F.....62,216.00
P. L. Burr, S. F.....59,333.90
M. Jacinto, Sacramento.....32,674.40
Engineer's Estimate, \$59,459.88.

Materials furnished by State: Pipe railing, reinforcing steel, corrugated iron pipe and Portland cement. Total, \$23,173.04.

Bids For Work At State Capitol.

Board of Control Opens Figures For
Conservatory and Greenhouse on
The Capitol Grounds.

(By Special Wire)

SACRAMENTO, CAL., June 8th, 1914.—Bids were opened today for constructing a conservatory on the Capitol Grounds and also for the super-structure of a new greenhouse, which will also be erected on the Capitol Grounds. One bid, that of the King Constr. Co. of Sacramento for \$713, was received for the latter work. Saller Bros., of Sacramento, were the lowest bidders for the general construction of the conserva-

E. H. Williams Chalmers Munday

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tory at \$3,138. A complete list of the bids received follows:

Conservatory Work.

Saller Bros., Sacramento.....\$3,138
Sacramento Home Bldrs., Sacra-
mento4,013
Keating & Polk.....4,400

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

S 1/2 OF N 1/2 OF LOT 8 AND S 1/2 OF N 1/2 OF W 70 feet Lot 7, V. W. 21st and 22nd Sts., Sacramento. Dwelling.
Owner.....Elsa Grau Thomas.
Architect...None.
Contractor, Sacramento Home Bldrs.,
522 Forum Bldg., Sacra-
mento.
Filed June 11, '14. Dated June 1, '14.
COST, \$4239

**E 1/2 LOT 12 OF OAK GROVE TCT., Sacra-
mento. All work except painting
and hardwood floors for cottage.**
Owner.....A. W. Clifton, 3213 3rd Ave.,
Sacramento.
Architect...None.
Contractor...E. S. Mason.
COST, \$3558.50

PAINTING ON ABOVE.
Contractor, Chester E. King, 3318 Ma-
drone, Sacramento.
Filed June 11, '14. Dated June 6, '14.
COST, \$288

**49 ACRE TRACT R AND UPPER
Stockton Road, Guthrie Station. Steel
storage tanks.**
Owner.....Standard Oil Co., Premises.
Architect...None.
Day's work. COST, \$15,000

**S 1/2 OF W 1/2 LOT 5, I, J, 22ND AND
23rd Sts., No. 225 J St., Sacramento.
Two-story frame tenements (four
apartments of 5-rooms each).**
Owner.....Lena Clement, 1330 M St.,
Sacramento.
Architect...None.
Contractor...G. E. Harvie, 2212 T St.,
Sacramento. COST, \$6675

**E 60 FT. LOT 4, J, K, 3RD AND 4TH
Sts., Sacramento. Painting for ten-
tory reinforced concrete store and
office building.**
Owner.....Merchant Improvement Co.
Architect...None.
General Contractor, Ransome Concrete
Co., 506 F. & M Bank
Bldg., Sacramento.
Sub-Contractor, H. W. Tyrrer.
Filed June 10, '14. Dated June 6, '14.
COST, \$4465

E OF LOT 12, OAK GROVE T'CT.; 1st Ave near Lower Stockton Road, Sacramento. One-story 8-room frame dwelling.

Owner.....A. W. Clifton, 3018 35th St., Sacramento.
Designer...A. Willoner, 521 Ochsner Bldg., Sacramento.
Contractor...E. S. Mason, 3211 5th St., Sacramento.
COST, \$1300

N 70 FT. OF S 140 FT. OF E ¼ LOT 7, J. K. 5TH AND 6TH STS., Oak Ave bet. 5th and 6th Sts., Sacramento. One-story brick private garage.

Owner.....Howard Kimbrough, 817 J St., Sacramento.
Architect...None.
Contractor...Murrell & Haley, Ochsner Bldg., Sacramento.
COST, \$2083

LOT 12 MONTE VISTA—MONTE VISTA Ave and Pacific Ave., Sacramento. One-story six-room frame dwelling.

Owner.....John Rasmussen, Monte Vista Ave., Sacramento.
Architect...None.
Day's work.....COST, \$2500

LOT 3613 ELMHURST, Kearny Ave. near Arroyo, Sacramento. One-story five-room frame dwelling.

Owner.....Wm. G. Gallacher, Kearny Ave near Arroyo, Sacramento.
Architect...None.
Day's work.....COST, \$1200

S ¼ OF LOT 5, K. L. 9TH AND 10TH STS., Sacramento. Remodel building and make four stores.

Owner.....A. Navlet, Sutterville Heights, Sacramento.
Architect...None.
Day's work.....COST, \$200

S 60 FEET LOT 6, R. S. 7TH AND 8TH STS., Alley bet. 7th and 8th, R. and S Sts., Sacramento. One-story warehouse.

Owner.....Sacramento Pipe Works, Premises.
Architect...None.
Contractor...Chas. Vanina, 2022 M St., Sacramento.
COST, \$300

N ½ LOT 4, Q. R. 6TH AND 7TH STS., Nos. 626-630 Q St. Sacramento. Alterations to make one-story store.

Owner.....R. Clomil, 701 L St., Sacramento.
Architect...None.
Contractor...Chas. Vanina, 2022 M St., Sacramento.
COST, \$750

LOTS 12, 13, 14, 15 BLK 31 Oak Park, Sacramento. One-story bank building and two-story brick building (stores and apartments).

Owner.....Sacramento Bank & Corporation, 5th and T Sts., Sacramento.
Architect...Jas. Seadler, Forum Bldg., Sacramento.
Contractor...Keating & Holt, Forum Bldg., Sacramento.
TOTAL COST, \$23,000

W ½ LOT 2, U. V. 25TH AND 26TH STS., Sacramento. One-story six-room frame dwelling.

Owner.....J. H. Welsh, 822 8th St., Sacramento.
Architect...None.

Contractor...Chatterton Bros., 3126 T St., Sacramento.
COST, \$3000

W ½ LOT 1, O. P. 25TH AND 26TH STS, Sacramento. One-story five-room frame dwelling.

Owner.....E. E. Sydenstricker, 2504 O St., Sacramento.
Architect...None.
Day's work.....COST, \$2850

LOT 81 SUTTER TERRACE, Add'n. Sacramento. One-story 5-room frame dwelling.

Owner.....Clark Realty Co., 924 6th St., Sacramento.
Architect...None.
Contractor...C. Valine, 2417 15th St., Sacramento.
COST, \$1600

S ½ LOT 1 V. W. 3RD AND 4TH STS., No. 2215 3rd St., Sacramento. One-story five-room frame dwelling.

Owner.....C. Valine, 2417 15th St., Sacramento.
Architect...None.
Contractor...C. Valine, 2417 15th St., Sacramento.
COST, \$1500

LOT 7812, H. J. Goethe Co. Sub. No. 78. Sacramento. Addition to one-story frame dwelling.

Owner.....M. Rose, 4323 Calaveras Ave., Sacramento.
Architect...None.
Day's work.....COST, \$300

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
June 6, 1914—E ½ LOT 7, N. O. 23RD and 24th Sts., Sacramento. Louise M Taylor to Frank P Williams.....
.....June 4, 1914

LIENS FILED.

SACRAMENTO COUNTY.

RECORDED AMOUNT
June 5, 1914—LOT 4, J. K. 4TH AND 5th Sts., Sacramento. Brookers-Follis Elec Co vs Marsh Investment Co and A E B Ridley.....\$57
June 9, 1914—W ½ LOT 3, S. T. 10TH and 11th Sts., Sacramento. Charles L Burnett and George H Burnett (Burnett & Sons) vs Ed Conradt.....\$123.31

NOTICE OF NON-RESPONSIBILITY.

SACRAMENTO COUNTY.

June 11, 1914—E ½ OF W ½ LOT 2, K. L. 8th and 9th Sts., Sacramento. Nellie and Kate Turton as to improvements on leased property.....

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

LOT 16 OF SOUTH ORCHARD OF THE Acampo Orchard, Acampo, San Joaquin Co. All work for two-story frame residence.

Owner.....J. H. Clancy, Rt. 1, Box 62, Acampo, Cal.
Architect...None.
Contractor...Joseph Vance, Lodi, Cal.
Filed May 3, '14. Dated May 1, '14.
Building ready for plumbing..... ¼
Usual 35 days..... ¼
TOTAL COST, \$4580

Bond, \$1000. Sureties, Ray Gower and James Whitaker. Limit, 60 days. Forfeited, none. Plans and specifications filed.

LOS ANGELES AND SOUTHERN CALIFORNIA.

Contracts Awarded.

APARTMENT HOUSE—3 story and base. Class C construction, \$50,000. Los Angeles, Cal. Architect, L. T. Mayo, Story Bldg., L. A. Owner, R. J. Dunn. Contractor, L. T. Mayo, Story Bldg., L. A. Contract price, \$50,000.

APARTMENT HOUSE—3 story and base. Class C construction, \$35,000. Los Angeles, Cal. Architect, none. Owner, E. L. A. Sheddou, Contractors, L. F. S. Syndicate, Los Angeles Investment Bldg., L. A. Contract price, \$35,000.

HOTEL—2 story and base, frame and plaster, \$35,000. Ontario, San Bernardino Co., Cal. Architects, Butler Bros., Mason Bldg., L. A. Owners, Ford Bros. Contractors, Butler Bros. Construction Co., Mason Bldg., L. A. Contract price, \$35,000.

HOTEL—1 story and base, brick and steel, \$30,000. Los Angeles, Cal. Architects, Weston Building Co., Lanker-shim Bldg., L. A. Owner, G. A. Thiele. Contractor, George M. Easton, 436 West 30th street, L. A. Contract price, \$30,000.

RESIDENCE—2 story and base, frame and plaster, \$20,000. Los Angeles, Cal. Architects, Butler Bros., Mason Bldg., L. A. Owner, David E. Spangler. Contractors, Butler Bros. Construction Co., Mason Bldg., L. A. Contract price, \$20,000.

PORTLAND AND OREGON.

BRIDGES—Piers, steel and concrete. Cost not stated. Clatsop Co., Ore. Engineer, State Highway Commission, Court House, Astoria. Owners, Clatsop County. Bids will be opened on June 22nd for the construction of the following described bridges. Plans and full particulars can be secured by addressing the Highway Commission, County Court House, Astoria:

No. 1. 125-foot steel bridge with piers and approaches in Nehalem Valley near station 29 on the State Highway survey.

No. 2. 125-foot steel bridge with piers and approaches on Nehalem Valley road over Nehalem river near station 217 on the State Highway survey.

No. 3. 80-foot steel bridge with piers and abutments on Seaside to Tillamook road near station 422 on the State Highway survey.

No. 4. 65-foot steel bridge with abutments over North Fork of the Clatskanie river, two miles from Olney.

No. 5. 80-foot steel bridge with piers and approaches over Youngs river about four miles from Olney.

BRIDGE—Steel and concrete. Cost not stated. Portland, Ore. Engineer, State Highway Commission, Portland. Owners, State of Oregon. The new bridge will be 277 feet long, consisting of two spans, one 200 feet and the other 77 feet long. Plans are complete and figures will be opened on June 24th. Plans can be secured from the Commission, Court House Bldg., Portland.

CONVENT—4 story and base, reinforced concrete, \$125,000. Portland, Ore. Architects, Jacobberger & Smith, Board of Trade Bldg., Portland. Own-

ers, Sisters of the Good Shepherd. The building will be erected on the property bounded by Congress, Bryant, Albia and Hickum streets, and will cover an area of 210 by 145 feet. Construction will be fireproof. There will be large dormitories, a number of class rooms, dining rooms, kitchen, chapel and office. Interior will be finished in pine throughout. Plans provided for steam heat and elevator service. Exterior of the building will be faced with pressed brick. Separate bids are now being taken for the general contract and for the heating and ventilating.

SEATTLE AND WASHINGTON.

COURT HOUSE—3 or 5 story and base. Class A construction, \$950,000. Seattle, Wash. Architect, A. Warren Gould, American Bank Bldg., Seattle. Owners, King County. Plans have been completed for the new County Building which is to cover an entire block in Seattle. Bids are to be submitted on two alternate propositions, but in either case must not exceed the amount of \$950,000. The first proposition will call for a three-story building covering the entire site with a five-story central portion. The second proposition will call for a five-story building over the entire lot and a seven-story central portion. Plans and specifications with complete instructions can be secured from the architect.

POST OFFICE—2 story and base, stone and brick. Cost not stated. Idaho Falls, Idaho. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans have been completed for this building and show a two-story structure of nonfireproof construction except the first floor. The building will cover an area of approximately 3,525 square feet. Interior will be faced with pressed brick. Plans are now out for figures and bids will be opened on July 10th. An official proposal appears in another column of this issue.

Contracts Awarded.

ICE RINK—2 story and base, steel and brick, \$150,000. Seattle, Wash. Architect's name not given. Owners, Patrick Bros., Vancouver, B. C. Contractors, Manhattan Co., Central Bldg., Seattle. Contract price, \$150,000.

A WORLD CAPITAL.

All Nations to Co-operate in the Building of an Ideal International City.

A grandly idealistic project has recently been launched by an international organization known as the "World Conscience Society." The details and plan were conceived and perfected after ten years of altruistic labor and study on the part of Hendrik Christen Anderson, an American-Scandinavian sculptor residing in Rome, assisted by some 40 sculptors, artists, engineers, architects, and scientists, and has for its object the establishment of an ideal world city where all international activities are to have their home and inspiration.

A review of the massive and beautifully illustrated volume which embodies the plan in its details was recently published in the Monthly Bulletin of the Pan American Union. "This proposed international city"—writes the reviewer—"is to be a city of light,

health, wide avenues, parks, playgrounds, fountains, lagoons, and noble buildings. It is to be a city without slums, a city of efficiency, convenience and beauty. Not only in structure, plan, and equipment will it be the ideal city, but it is intended to become the intellectual, artistic, and practical international capital of the world; a clearing house for the various social, cultural, scientific and political aspirations of humanity.

"As designed it will cover some 10 square miles of ground. Its architectural plans are so drawn that it can be built at almost any spot accessible to the sea that the nations may choose. While there is ample room within the limits of the city for the homes of the permanent inhabitants and the necessary business and manufacturing plants, the heart of the city is composed of buildings adapted to the unification of international interests. These are grouped into three centers devoted respectively to science, art, and physical culture. The scientific center is connected with the center of art by the broad Avenue of Nations, flanked on either side by palaces which will house ambassadors and delegates representing their respective nations. It has for its crowning motif the gigantic Tower of Progress, which rises to the height of 1,000 feet or more. On the summit of this tower will be installed a wireless telegraphy plant and on the lower floor of its colossal base will be found a world printing press.

"The tower rises in the midst of a circular space set apart for international congress buildings for medicine, surgery, hygiene, law and criminology, electricity and invention, agriculture and transportation, all of which are provided with halls, libraries, museums, and accessory offices. To the northeast is the International Hall of Justice and to the southwest the Temple of Religions. Completing the conception stand an international bank or clearing house and a world reference library. While in gardens near by are found the international institutes of higher learning. The art center is connected with the physical culture by means of gardens devoted to horticulture, natural history, zoology and botany. An imposing Temple of Art, forming the chief monument of the city, has been planned with spacious halls and galleries for sculpture and painting, surrounding a vast auditorium. The physical center is intended to facilitate a world reunion of athleticism and to promote the scientific development of the human form in all nations. A vast stadium is its central feature. Near it is a large natatorium, gymnasium for men and women, and open fields and athletic quadrangles for international exhibitions and contests."

The estimated cost of creating such a city, according to the author of the plan, would not be over \$100,000,000, a sum that would not severely tax the resources of the governments of the world if equitably distributed. The International Committee of the organization is to determine the site and location of the city at its meeting next year. Numerous places have been mentioned, such as the Dutch Coast near The Hague; the Riviera, near Cannes; Turin, near Brussels; St. Germain on Lake, near Paris; the Marmora coast near Constantinople; the New Jersey coast, near Lakewood; the

Isthmus of Panama; and recently the Island of Cuba. Many leaders in art, science, education and world politics in the various countries of the civilized globe are taking an active interest in the movement, and the meeting of the International Committee next year will create a world-wide interest.

F. W. Schaer Opens Demonstrating Rooms

Space in the Santa Marina Building Open to Public and Daily Demonstrations are Made.

F. W. Schaer Co. has opened demonstrating offices at 112 Market Street, San Francisco, representing the Ex-cello Mfg. Co., Chicago, manufacturers of vacuum cleaning systems, Radku Mfg. Co., Chicago, manufacturers of gas instantaneous hot water heaters, O. W. Roberts Mfg. Co., Chicago, manufacturers of electric washing and wringing machines and the Eclipse Stove Co., Mansfield, Ohio, manufacturers of gas stoves and ranges.

The Ex-cello vacuum cleaning system is a modernized process. The separation of dust, dirt and bacteria from the air being absolutely perfect, allowing the use of any standard exhauster with reciprocating or positive blower type. The machine also furnishes compressed air when wanted and empties automatically into the sewer. This last named feature does away with the unsanitary process of emptying the dirt, dust and bacteria by hand. The Ex-cello system is a new process of cleaning and sanctioned by the leading architects in Chicago and New York.

The line of gas stoves and ranges is the most modern and complete on the market and these goods are available to large buyers as well as small, at a very nominal cost.

The safety heater, which is an instantaneous gas heater, is automatic and safe in every respect. It is worked on the process of most heaters, but maintains many advantages over its competitors. One feature is the guaranteeing of absolute safety against explosions and asphyxiations.

The washing and wringing machine is very simple and fool proof, being run by a 1/4-h. p. motor and equipped with a solid rubber wringer and trays. It is most modern in every respect.

Messrs. F. W. Schaer Co. maintain a complete demonstrating line at their sales offices in the Santa Marina Building and would be pleased to demonstrate to the public any of their machines. They are also in a position to submit the lowest prices on all goods.

WORK IN THE BUREAU OF ARCHITECTURE OF THE BOARD OF PUBLIC WORKS.

Full sized details are being prepared as the work progresses on the following buildings: Polytechnic High School, Glen Park School, Edison School, Columbus School, Harbor Police Station, Relief Home Chapel, Engine House No. 48, and the Washington Irving School.

The following is a brief report on work being carried on at the present time:

Marshall School—Drawings for pro-

posed auditorium completed and contracts awarded.

Auxiliary Fire Alarm Station—Construction work now progressing.

City and County Jail—Plans and specifications for the completion of the morgue, to be located in this building, are entirely completed and construction is under way. Bids will be called for on remaining portion at an early date.

Polytechnic High School—Specifications being prepared for metal furring and lathing. Plans and specifications being revised for electrical work.

Oriental School—Contracts awarded and construction under way.

Washington Irving School—Contracts awarded and work progressing rapidly.

Engine House No. 12.—Plans and specifications completed; contracts awarded; work will begin at once.

Cooper School—Plans and specifications completed; bids received and contracts awarded.

San Francisco Hospital—Contracts for yard work and lighting fixtures awarded; screen bids received and contract awarded.

Civic Center—Plans progressing rapidly for the improvement of public square and general Civic Center scheme.

Municipal Car Barn—Designs prepared for Municipal Car Barn at 17th street, between Mariposa and York streets and delivered to Engineer's Department.

CONSTRUCTION WORK ABROAD.

CHINA.

[Consul General George E. Anderson, Hongkong.]

Ichang Wenhsein Railway.

An engineer engaged in survey work on the section of the Szechwan-Hankow Railway from Ichang to Wanhsein—known as the American section—reports that the location survey of that line has been completed to Kweichow, representing about two-fifths of the entire line. The present line is an entirely new survey which follows the Yangtze River closely instead of running back some distance in the interior from the river.

The new survey from Ichang to Kweichow is 53 miles in length as compared with about 99 miles of line represented by the old survey once adopted by the old Szechwan Railway Co. The new survey, however, contemplates running two long tunnels—one 17,000 feet—and an enormous amount of bridging. The grade by the new survey is comparatively slight, the maximum being 1½ per cent. The key to the entire new route is the long tunnel referred to, which would be located about 11 miles from Ichang. The plans and estimates of this portion of the line are substantially complete, and a reconnaissance survey of the unsurveyed portion of the entire line is being made. It is anticipated that construction work will soon commence.

In this connection attention is called to the fact that the chief engineers of the several sections of this Hankow system agreed several months ago that in all contracts for the construction of bridges or similar steel structures bids will be received on all the sections from firms of any nationality, basing their decision upon the general contract which allows any manufacturer to replace a standard section of any such structure as called

for in designs with one of its own standards, provided it is at least as large or larger, no allowance in price being made for any such increase in size or weight. This privilege is of value where specifications are drawn upon one standard, like the metric system, and bids are submitted on another as in feet and inches or in pounds or tons.

Reclamation and Harbor Work at Hongkong.

The reclamation of a large amount of marine land and the ultimate deepening of a considerable portion of the harbor of Hongkong so as to accommodate the largest size vessels, which have used it with difficulty at times, are in process of final arrangement in the colony.

The reclamation scheme involves filling in that area of Hongkong Harbor inclosed within a line drawn from East Point, a well-known promontory extending from the east side of the island of Hongkong into the harbor at a point some distance within the principal entrance known as "Y-yee-mun," to a point opposite Arsenal Street, about one mile distant to the north and toward the principal portions of the city of Victoria. The area reclaimed will average about a fourth of a mile in width. The earth and material for filling will come largely from the leveling of Morrison Hill and East Point Hill, the former an elevation of about 190 feet in height and about 900 feet long and 450 feet wide on an average and the latter a similar elevation some what smaller. The water in the marine area to be reclaimed ranges as deep as two fathoms in places but usually runs from a maximum of 1½ fathoms to the shore.

Greater Facilities Needed.

Deepening Hongkong harbor has been receiving the attention of colonial authorities as well as the shipping interests of the colony for some time, and it is thought that some definite action in this line will be taken shortly. While there is an abundance of water for ordinary vessels coming into the harbor, especially since the policy of the port always has been to furnish accommodations for vessels coming through the Suez Canal as the standard of what is required in the port, several of the trans-pacific vessels have been in difficulties at certain places in the harbor when fully loaded. It has therefore been felt for some time by shipping people that something would have to be done. For a time it was proposed to deepen the port and construct new wharves in connection with the reclamation scheme above described, but it has been decided that deep water is too far distant from the shore in the locality involved to make such a plan feasible, for the present time at least.

MUNICIPAL PAPER WORKS AT DENVER.

Employment has been given to a great many transient men and some women in the new industry of baling the waste paper of the city, three carloads of which have been recently sold at a fair price. Paper is collected from the large stores and from receiving cans on the street corners, is sorted, baled and shipped to market at about the rate of a carload a month. While not a big financial benefit to the city, this method of handling the paper serves the double purpose of getting

rid of the waste paper without cost and at the same time furnishing work to jobless men. The revenue from this paper industry now supports the families of the men employed at it, and in addition adds a little to the general fund of the department.—Exchange.

TO STUDY ROAD CONDITIONS IN 100 COUNTIES.

Department of Agriculture, in Co-operation With States to Seek Data Looking Toward Standardized System of Local Road Management.

WASHINGTON, D. C., June 11, 1914.—Detailed studies of local road building systems in 100 counties are now being carried on by the Department of Agriculture in co-operation with the State highway departments and local road authorities.

The purpose of this study is to discover the points of excellence and defects in existing local methods of building and maintaining roads which will aid the State authorities to put local road management on a systematized basis. The co-operating State authorities have been asked to designate counties that present typical and exceptional features as to topography, character of road materials, methods of construction and maintenance, administrative organization, methods of road financing, and traffic conditions. From these lists 100 counties will be selected, and in these counties the Division of Road Economics will make intensive studies.

This investigation is prompted by the fact that there is at present very little knowledge as to the most effective and economical methods by which a county can develop its roads. At present the methods of financing local road improvements vary from calling on farmers for a certain number of days labor in lieu of a road tax, or the use of county prisoners in road construction, to bond issues or maintenance of roads from dram-shop license funds.

The Department will study all of these systems with the view to determining what system or combination of systems works best in actual practice.

There is, moreover, at present no standard system of keeping accounts for road building and maintenance, and as a result, while some counties know to a penny the purpose for which money was spent, others have no definite check or reporting system. Among various counties with the same conditions, cost of excavation or other labor is anything but uniform, and many counties, because of the absence of definite knowledge, fail to use local and cheap materials and construct roads which are unnecessarily expensive for their purpose, or which will wear out before the bond issues are redeemed. The investigation will include a careful study of the use of convict labor in road construction.

In connection with the scientific study, the Department's highway engineers will advise freely with local officials as to improvements, and thus give each county visited the advantage of direct co-operation, engineering supervision and assistance.

These investigations, it is believed will yield important economic data bearing especially on the benefits and burdens of road improvement and

showing the extent to which financial outlay under given typical conditions is justifiable.

The heads of State highway departments are manifesting great interest and are co-operating cordially in this work. These data when obtained will be published and thus made accessible to all county and state road officials.

BRANCHING OUT.

The Foster-Vogt Co., Sharon Bldg., Concrete Contractors, have lately branched out into General Contracting and have undertaken some very large works, amongst which we note that they are now constructing the Oregon and the Indiana State Buildings at the Exposition.

The "Builder" bespeaks for Foster-Vogt Co. the favors of the architects and owners when needing the services of a General Contractor.

IRON ORE FOR 200 YEARS.

There is still a considerable amount of iron ore in the ground, as shown by a report on the world's resources presented at the International Geological Congress at Stockholm. It was estimated that the total actual supply of iron ore existing in deposits that can be worked at an economic profit amounts to 22,405,000,000 long tons, representing 16,192,000,000 tons of iron.

This total would supply the requirements of the world for considerably less than two centuries, even were the present rate of output not exceeded on the average. However, the potential resources of the world not yet developed are estimated to amount to 123,377,000,000 tons of ore. The output of iron ore in 1912 is estimated at 146,000,000 tons for the ten principal countries.

TWO BIG DAMS ON NILE.

Two irrigation dams will be built by the Egyptian government, one on the Blue Nile and the other on the White Nile. The structures, it is reported, will be larger than the Asuan dam, and the estimated cost ranges from \$15,000,000 to \$17,500,000.

ORDER PLACED FOR OIL PIPE LINE

An order has been placed for the enormous pipe which will be installed between Martinez and Coalinga for the purpose of transporting oil from the southern city to Martinez. The actual cost of the pipe, including the installation will be in excess of \$1,000,000. The pipe will weigh about 30,000,000 pounds and will require 750 flat cars to bring it to California from Youngstown, Ohio, where it is to be made.

The pipe will not be shipped all at once, but will be sent out in sections as it is completed. The railroad officials state that this shipment will open the way for future large shipments. The order was for 115 miles of 8 inch pipe and for 57 miles of ten-inch—Richmond Ind.

SURVEY STATIONS SHOT UPON FACE OF CLIFF.

A great deal of ingenuity was required in making the survey for the new state highway across the face of Storm King Mountain, a steep promontory that juts out to the Hudson

River at a point a short distance up the river from West Point, N. Y. In many instances it was necessary to lower men and instruments over the cliffs with ropes in order to make the required cross sections. But for a distance of about 100 feet it was found impossible to use even this strenuous method, as the surrounding rock formations were inaccessible, and the engineers adopted a novel method for getting the measurements across the face of this part of the cliff. A field gun was obtained from the West Point Military Academy. This was loaded and fired at points selected on the face of the cliff, the projectiles used being cans of paint. The cans broke when they hit the cliff and the paint formed distinct targets on which the engineers could train their instruments. The location and elevation of each target were then found by triangulation and the taking of vertical angles. This highway is to take the place of the present road over the mountain, which reaches a height of 1,316 feet and is a long and somewhat dangerous route both for horses and automobiles. The engineers estimate that the four miles of highway past Storm King Mountain will cost \$100,000 a mile.—Popular Mechanics.

TENEMENT HOUSES ERECTED IN 1913.

The Records of the Building Department of the Board of Public Works show the following relative to the construction of tenement houses for the year 1913:

Number of tenement houses erected in 1913, 217.

Number of houses for three families not controlled by the State Tenement House Law, 60. Number of houses for four families not controlled by the State Tenement House Law, 30. Houses erected for two families, 292.

Permits for tenement houses erected from January 1st to May 1st, 1914 show that 61 have been issued. There were also eight lodging houses and eleven hotels erected under the Tenement House Law from January 1st to May 1st, 1914.

LARGE TREES DISAPPEARING.

The giant forest monarchs of British Columbia are by far too valuable to be allowed to live as curiosities for their majestic size and beauty. Still their race is by no means extinct. The regrettable thing about them is that since they are the production of centuries, during which the soil was not needed for any other purpose, it is unlikely that future generations will have the opportunity of seeing timber of equal size.

ARTIFICIAL RUBBER A BY-PRODUCT OF STEEL MAKING.

[Commercial Agent Erwin W Thompson.]

At a recent meeting of the Iron and Steel Institute in London, the president read a paper on by-products in steel manufacture. He discussed the utilization of blast furnace gases for operating gas engines and for illumination and heating, and the later developments in making nitric acid from these gases, and also the manufacture of bricks and cement from slags. All these matters have been under dis-

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cussion for a number of years, but a new idea was presented at this meeting looking toward the synthetic production of India rubber from coke oven gases. The president's words were: "It was being sought to obtain from it the hydrocarbons, the derivatives of which were found in India rubber, and experiments that had been made permitted the foreshadowing of the manufacture of artificial rubber."

FOREST NOTES.

Approximately 750 acres on the Oregon national forest were planted with young trees this spring.

On the Deerlodge national forest in Montana one lookout station has the record of reporting accurately, by distance and direction, a fire that was sixty miles away.

Nearly 3 million young trees are being set out this spring on the national forests of northern Idaho and Montana. On the St. Joe national forest in Idaho three thousand acres will be planted.

Ranchers within and adjacent to the Sierra national forest, California, have formed a co-operative association for the prevention of forest fires. They need to use fire in clearing land for farming, and will do it on a community basis, with all members present to prevent the fire's spread.

The Canal Tolls Repeal Bill has passed the Senate by a vote of 50 to 35 and William Randolph Hearst is again in the minority. This measure has taken on some peculiar phases. The men who have been consistently with the people have stood with the President in favor of the repeal. While Hearst and Underwood and the reactionaries generally have been howling their heads off because of the surrender to the railroads. After all it will perhaps be found to be of minor importance, as the President says.

That rubber tires have more endurance than steel rims is one of the facts developed by recent tests made by a tire manufacturer. The test method was to put a tire on a steel rim and force air into the tire till something gave way. The rims were not mounted and reinforced by the wheels. The tests were severe. Some tires were inflated to four hundred pounds to the square inch. Not a single tire gave away, but the rims collapsed and in some cases were twisted into actual "figure eights." One tire was tested fourteen times, breaking rim after rim.

My Experience With The Law.

By Simon T. Stern
Of the New York City Bar.

Reprinted from The Docket.

I am a plumber; that is, I was a plumber, with a tiny shop on the outskirts of the city, until the law stepped in and took a hand in my affairs. My establishment was not especially impressive. I had about a thousand dollars' worth of stock and five hundred dollars in the bank—the savings of ten years. My name was over the door and I owed no man a dollar.

For a decade I had worked at my trade; first as apprentice, afterwards as journeyman, and at last I graduated into the ranks of master plumbers as my own boss: "John Williams, Plumber and Gas-Fitter, Jobbing a Specialty." How proud my young wife was when the shingle was first flung forth to the gaze of passers-by!

One cold winter's morning, Jos Murtagh crossed the threshold of my shop. I had known him casually for some years as a sort of combination builder and politician. I had heard he was about to build a beautiful residence not ten blocks from my shop. Joe passed for the wealthiest citizen in our section of the city. He ran an automobile, entertained lavishly, and his wife and two grown daughters were always dressed in the best of style.

"Say, John," he greeted me bluntly, "I want you to do the plumbing in our new home. The family will live there. We're going to have the best of everything and I've picked you to do my plumbing." Carelessly he tossed a set of blue prints on my desk and invited me to submit an estimate.

Up to that time I had been doing repair work and odd jobs. For some time I had been thinking of taking on contracts—as soon as my resources would permit. That time had now arrived, apparently. As far as I knew him, Joe Murtagh was a responsible citizen, and I felt pleased at the distinction of starting my real career with his house.

Several days later I wrote that I could furnish and install his plumbing plant for fifteen hundred dollars. I had figured close because I wanted his work. My labor and the wages of the men on the job would cost me at least five hundred and fifty dollars. The material necessary footed up seven hundred and fifty dollars more. That left two hundred dollars for my profit after I was through paying my men and paying my wholesale house for the materials.

When Joe got the figure he told me I was too high. He had another plumber, he said, who was willing to do it for fifty dollars less; but he would close with me if I reduced my bid by that sum. It cut my profit twenty-five per cent, and I said I could not afford to do it. Finally we compromised at fourteen hundred and seventy-five dollars. The irony of it! In the beginning we were haggling over twenty-five dollars!

The contract was signed at an architect's office. It was a lengthy document, with lots of printed matter. I laughed, and asked Murtagh why he couldn't give two lines on a slip of paper saying how much he wanted to

and I would sign it, saying I would do the work for that sum. He insisted that that wasn't doing the thing in good legal shape; above all things in the building game I must learn to do things according to law. So we signed the paper, most of which was Greek to me.

Every other line it called Joe the party of the first part and me the party of the second part. I was the party of the second part, all right! In it, Joe agreed to pay me five hundred dollars when I had the pipes in, and the rest when I was finished. There was one clause in it that at the time I scarcely noticed. Each time I wanted my payment, I must go to Joe's architect and get a certificate from him that I was entitled to it. When I called Joe's attention to the hundreds of words, he said it was all red tape. It was merely a form. He used it in all his building. So did everybody else. "You do your job, I pay. So hurry along, my boy. Order your supplies from the wholesale house and get to work."

It was the first time I had run into debt to my supply people. But I had always paid in cash, and they were willing to extend a line of credit on the strength of the contract when I showed it to them. The first part of the work—roughing out, we call it—I knew I could finish in two weeks. I agreed to pay them three hundred out of my first payment and the rest when Joe settled up.

The job went smoothly. I roughed out the house and went to Joe's office to collect. He handed me a check with a smile, saying: "You see, I didn't even ask for that architect's certificate."

"Why should you?" was my rejoinder. "The work is honest. That architect of yours hasn't been near the building since I started."

"I wanted him only for the plans anyway," Joe told me. "When it comes to details, a practical contractor like yourself knows more than a thousand architects."

Three weeks later the building was ready for the fixtures. I ordered up the bath tubs and lavatories and fittings from my supply people and finished up. When I turned on the water, I was ready for my nine hundred and seventy-five dollars. I went down town and asked Joe for it.

This time there was no check for me. Instead he told me to go down to his architect and get the certificate. But I insisted that I must have something on account. I had used up all my ready cash paying my laborers, and my supply house had demanded their payment now that I was through. But Joe wouldn't listen. He insisted on the letter of the contract, and I went to the architect's.

The architect's clerk told me that his boss was off on a fishing trip down South. Frankly, I didn't believe a word of it. The very next day I went back and caught him—caught him unashamed, smiling rather at his cleverness in almost putting me off. He professed extreme busyness and promised to inspect the work as soon as he could. For three weeks I got no satisfaction. In the meantime, you may be sure, my business was suffering. My cash was all gone and my supply people were growing impatient. But that architect took his time about it, and Joe wouldn't give me a cent until I got that certificate.

In answer to my persistence, the architect finally went over the job, and found about a hundred faults! mythical, most of them, and the rest trivial beyond measure; but he insisted that I correct them. What was I to do? I corrected every objection he made—at the expense of half my profit. Profit? Already I saw disaster. I would have been only too happy to get enough for my supply people and to replenish my actual outlay for labor.

I appealed to Joe. I told him my supply house had threatened to sue. "Let 'em sue," he told me. "For a few dollars you can get some lawyer to shove the case off until they're tired. When they take a judgment, turn your stuff over to your wife and let 'em fight. They can't do anything. Before you get through, they'll be glad to settle for half."

"But I owe them the money—fairly." "You don't owe nothing until the law says so. Make them prove it. Make 'em bring every driver to court and swear the day, hour, and minute when he delivered stuff to you. Make 'em prove every valve. That's the law. The law is, if they can't prove it, you don't owe it. If a feller gets funny with me, I tell him to sue. Why don't you sue me?" he added with a smile.

That's how I came into the sheltering arms of the law. I visited a lawyer and told him my story. He advised me to file a mechanic's lien, and I wanted to know if that would bring me my money.

"It will, if they haven't put mortgages on ahead of you."

"Do you mean to say the law permits mortgages to come ahead of my lien?"

He did. He also said there might be arrears of taxes and water charges and other things, and said we ought to search the title. He made the search and I made my first discovery. Joe Murtagh did not even own the property! It belonged to a building corporation. Joe's wife was the president and a director; and Joe's two daughters were the other directors. We found two mortgages. The first one was for five thousand dollars, and was evidently straight. It was given to a bank for savings.

But the second mortgage didn't look right to me. It had been given to a man by the name of Jack Ripley, of Someplace, South Carolina. It was for six thousand dollars—eleven thousand dollars altogether; more than the whole house was worth.

My lawyer explained that the entire transaction looked dishonest, but there was nothing unusual about it. In order to protect himself from his creditors, a builder often formed a family corporation and gave a friendly mortgage to a friendly relative. I thought of Joe Murtagh when my lawyer added: "That corporation and that mortgage are created by law. They may be fake, but the law doesn't treat them as fake until you prove it. Do you know why they gave that mortgage to somebody in South Carolina? That means that you will be put to considerable expense to serve him with papers. You made your contract with Joe Murtagh. You can sue him and get a judgment."

"What do I want with a judgment unless it's good? I want my money—that's all. It's coming to me. That house belongs to Joe Murtagh as much as this right hand belongs to me. He

is going to live in it. Do you mean to tell me the law permits him to file a piece of paper making a corporation with his own family as directors, and keep me out of my money?"

"It's done every day for fifty dollars. It's up to you to prove that incorporation 'fraudulent. Then your lien comes in."

"Back of eleven thousand dollars' worth of mortgages, six thousand dollars of which are pure fake?"

"No; the law will help you there. You can set that mortgage aside. But you must serve papers on Jack Ripley in South Carolina."

"That's easy. We find out where he lives, and send a copy of the papers to somebody by mail, and let them hand the papers to Jack Ripley, fraudulent mortgage."

"The law won't permit it to be done that way. That's the reason they gave that mortgage to a man who does not live in New York State. You cannot hand the papers to anybody out of the State. You must advertise your summons in a newspaper for six weeks—so the law provides."

"What'll that cost?"

"Oh, it runs from fifty dollars to a hundred dollars—cash. Legal advertising is one of the richest kinds of political graft. A judge selects the newspapers, and the prevailing party selects the judge. There are all kinds of papers with a circulation of four hundred copies which exist only for the publication of summonses and legal notices—all politics. Jack Ripley is very apt to read a notice published in the Fire Chief's Fireside Companion of East Broadway, New York, isn't he? But if the judge picks that paper, in it goes. Legal notices are never read—they're just printed and paid for. You'll have to publish in two papers—about fifty dollars each."

"That was a facer. 'Why,' I asked, 'can't I go up to a policeman and just tell him to arrest the man who defrauded me? Joe Murtagh told me he owned that house. He signed the contract as if he were the owner. Why must I serve Jack Ripley in South Carolina, when the man who did all the wrong is right here? He formed that fake corporation. He drew that mortgage. He defrauded me.'"

"You can't," my lawyer assured me. "It isn't that kind of fraud. The law distinguishes. The very prosaic man who steals a loaf of bread goes to the workhouse—that's the kind of fraud the law chastises summarily. But the other thing is different—at any rate the law of it is different. It is what the law calls a civil fraud. You sue him for fraud in the civil court. You can get a civil order of arrest."

"What's the difference, as long as he goes to jail?"

"He doesn't go to jail," the lawyer continued. "Technically he goes there. Actually he hands Mr. Sheriff a bond. The bond goes to jail. Murtagh simply guarantees that he will honor you by appearing in court and listening to you when the case is tried. That's all he must do. If he is there in court, the bond is satisfied."

"I see. He doesn't go to jail until the case is won and we get a fraud judgment against him. Then I get him arrested, eh?"

"Yes; civilly arrested."

"That 'civilly arrested' began to get on my nerves. The entire proceeding seemed to be one mass of civility. I

inquired whether Joe Murtagh would even then see the inside of a cell. 'Certainly not,' was the response. 'He gives a new bond—that's all. All he must do is to stay in the jail limits for six months.'"

"Then he is in jail, after all."

"Technically, yes. But his cell is commodious enough. The jail limits means merely he must stay within the county of New York for six months. He can wander abroad as long as he stays in New York. In other words, for six months he is denied the privilege of journeying to Europe or the North Pole. After that he goes wherever he pleases. The bond has been satisfied."

There was only one thing to do, after all. We filed that lien. We filed it against the family corporation and against Jack Ripley of South Carolina. We began the suit, when we found that Jack was Mrs. Murtagh's own brother. It cost me eighty-four dollars to see my summons published in the Fire Chief's Fireside Companion, and it took us a week to get a copy of that widely circulated sheet. If Jack Ripley ever saw that notice, he gave no sign.

The law taught me something new every day. It wasn't three weeks before the law took my lien away from me. Joe Murtagh filed another bond. I learned that he could wipe my lien off the property if he filed a bond with two sureties. The same judge that designated the Fire Chief's paper approved that bond. He couldn't help himself. The law compelled him to approve it as long as they swore they owned real estate.

Joe produced a district leader and a real estate speculator, and they swore they owned three flats. In vain my lawyer called the attention of the judge to the fact that there were more mortgages on the three flats than there were on the Murtagh house. The law wiped off my lien and gave me a bond with two bondsmen who were perfect strangers to me—and in spite of my objection.

Did the law help me to collect that bond? This is what happened. The case hung fire for two years. By the end of that time the Murtagh house had been sold in the open market and Jack Ripley had satisfied his mortgage. The money for the house went to the corporation, and Mrs. Murtagh, as treasurer, signed a check and gave it to her husband. He drew the papers—all of them. He got the money—all of it. He simply produced documents and his women folks signed them wherever he told them to. And yet the law has it that Joe Murtagh had nothing to do with that incorporation.

We got a judgment against those bondsmen. Did they own real estate by the time we got the judgment? Not they. They had transferred their property the day after they swore they owned it! My lawyer tried to get them punished, but the law stepped in and said the transaction was all right as long as they owned that property the day they swore they owned it. That very afternoon they could give it away and they could not be punished.

Of course I could bring a new action against the people—that time in Illinois—to whom they had transferred it. And I could get more summonses published in that political paper as long as I had fifty dollars with which to pay. And maybe after another year

or so I could get a new judgment against them. Apparently the law did all it could for me when it forced me to give up my good lien and accept a rotten bond.

Of course the law isn't always so impotent. My wholesale house fared better. They took a judgment against me for what I owed them. And because I was honest, and refused to form a family corporation, or make fraudulent transfers, Mr. Sheriff came along and cleaned me out. He took everything, I possessed—my shop, my stock, my bank account. All he left me was a set of plumber's tools, which the law declared exempt.

I am making a living with them ever since as a journeyman. Not long ago I worked as a laborer on one of four large apartment hotels being built by the Joseph Murtagh Realty Company. Mrs. Murtagh is president; she is still signing papers wherever her husband puts his finger. Miss Murtagh is secretary. Miss Vivie Murtagh is treasurer. Poor old Joe isn't even a stockholder. But the family corporation keeps him supplied with funds sufficient to run a stable of automobiles and to wear fine clothes and live like a prince. He is a technical pauper, while I am a real one. We have one thing in common—it was the law that made both of us.

New Improvements In Mulvaney Beds.

Economy of Space Marks One of Many New Points of Wall Bed Now Attracting Much Attention.

By referring to the advertising columns of this issue, our readers will find the announcement of a new wall bed, the patent of H. C. Mulvaney, whose name it bears.

This bed has several new improvements in addition to the conveniences which have made the wall bed a necessary feature of almost every apartment building.

By specifying the Mulvaney wall bed, Architects can save from eight to ten inches of the space ordinarily required for wall beds, which, in a building of limited size is an important consideration. For buildings already completed, or where it is not desirable to frame in a recess, the Mulvaney Wall Bed is made in cabinet style built to line with door casing, etc.

Another important feature of the Mulvaney Wall Bed is a ventilating system which insures the circulation of fresh air at all times.

The H. C. Mulvaney Wall Bed embodies an absolutely new principle in its construction; there being no complicated parts to get out of order, making it an ideal bed; specially adapted for sleeping porches, residences and in fact, any place where a bed is required.

The company also manufactures a roll under or disappearing bed which fills a long felt want. Mr. Mulvaney has established offices in the Underwood Building, 525 Market Street, with courteous attendants prepared to demonstrate the desirable features of this bed at all times.

Owners, Architects and Contractors are cordially invited to inspect this bed.

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Hardwood Inter-
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S. H.
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Atlas Heating &
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Looney Co., J.
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Hatch, H. L.
Foster, N. H.
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Hoisting Engi-

neers.
Le Clair, S. D.

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Hardwood Inter-
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ing Co.

Interlocking Tile

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Sartorius Co.
Sawcedero Iron
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Mfg. Co.
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Cal. Lime & Hy-
drate Co.

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Cement Co.
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ber Co.
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Co.
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Excelsior, Red-
wood Co.
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ber Co.
Hauptman Lum-
ber Co.
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Higgins Lumber
Co., J. E.

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MacDonald Lum-
ber Co.
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Lumber Co.
Olson
Lumber Co., Mahoy
Peterson, E. T.
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Reinhart Mill &
Lumber Co.
Ryan, George
Santa Clara Val-
ley Mill & Lum-
ber Co.
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Baker Co., W. T.
Bell, Wm. J.
Brenstein, Wm.
Blum, Donald
Burns Bros.
Clark & Olekson
Cramer Bros.
Conlin, J. J.
Copnick, T. W.
Dani, T. H.
Donohue, Wm.
Erickson, Wm.
Hansen, Elbing A.
Lewis, S.
Miller, J. A.
McCubbin, James
Manning, John
Neal, L.
Quandt & Son
Ruderman, J.
Schwan, Wm.
Simon Neilson Co.
Smith, J. S.
Sovic, C. B.
Spark & Sons
John H.
Swan, Robert
Trost, C. R.
Walsh, Muever
Wagner, Fred
Wagner Bros.
Zelinsky, R.

Paints, Oil Var-

ishes, Etc.
Clark & Dickson
Cohn Co., Mar-
lon D.
Fuller Co., W. P.
Gordon, J. H.
Paints Products
Corporation
Parafume Paint Co.
Preston, L. M.
Whittier, C. Coburn
Patent Chimney
Chimney Co., J. H.
Dresser, W. M.
Hughes, H. J.

Pile Driving

Lamburth, C. E.
Paving Brick.
Cal Brick Co.

Planing Mill.

Acme Plgn. Mill
Anderson Bros
Atlas Planing
Mill Co.
Birth Co., I. H.
Builders' Suppl.
Depot
Cal. Door Co.
Cal. Planing Mill
Enterprise & E.
(Inc.)
Empire Planing
Mill
Hart & Rurmeis-
ter
Hermann, A.
Herrin's Mill
Horten - Desprey
Co.
Lorden Mill Co.
Main St. Planing
Moore Mill & Lum-
ber Co.
Preston Planing
Mill
Reinhart Lumber
Planing Mill
Ryan George
San Mateo Plan-
ing Mill
Santa Clara Val-
ley Mill & Lum-
ber Co.
Summer St. Plan-
ing Mill
Taylor & Co.
Western Planing
Mill
Veble & Collins
Planter
Rosh, Herman
Bradley & O'Reilly

Brennan, James
Burt, Chas. J.
Campbell, Chas.
Chambers, H. A.
G. A. M.

Fay, John
Greenback, Joe.
Connell Co., J. E.
Daly, J. H.
Duthie, Chas.
Fraser, Simon
Fry, J. W.
Gilmour, W. G.
Jacobson, N.
Jones, Francis
Knowles, A.
Leaf & Kaiser
Lyne, A. J.
Lytle, J. B.
MacGrue & Co.
Mellon, Thos.
Modica, S.
Mowat, Donald
Orford, J. A.
Philbin, J. A.
Sexton, T. D.
Sherman, A. M.
Terranova, M. J.
The Pacific Plas-
tic Co.
Wagner James A.

Plumbing and Gas

Fitting.
Ahlbach & Mayer
Alto, Thos. W.
Bernard, Geo. F.
Condon & Hand
Dunn, Ed. H.
Goss, Wm. P.
Houston, J. J.
Karn, F. K.
Kierley & O'Brien
Lacey Bros.
Lauder, H. I.
Lawson, Herman
Leitch, Antone
Levy Plumbing
Co., M.
Looney, Co., J.
May, Gus
McNeill, Leo. J.
McLaid, J. J.
Parker, J. H.
Perrazzi, H. J.
Skelly, Thomas
Snook & Co.
F. W. W.
Turner Co.
The Wetzel, Theo.
Wilson & Co., W.
Plumbers' Supple-
ment
Kinney Co., H. W.
Mark-Lilly Co.
Neison Mfg. Co.
Pac. Sanitary Mfg.
Co.

Railroad Agent.

Freight & Pas-
senger.
Kent, James B.
Lynch Co.
American Radia-
tor Co.

Railway Interch-

ange.
Langford, Felts &
Myers.
Orenstein - Ar-
thur Koppel Co.

Rigging.

Lamburth, C. E.
Markley, James E.

Roofing, Gravel & Composition.

Bender R.&P. Co.
Paving Co.
Cal. Roofing Co.
Cantley & Co., I.
Enterprise Roof-
ing Co.
Fibre Stone &
Roofing Co.
Flaherty R. & P.
Co., R. H.
Goodmansson, A. K.
Larkin Asphalt
Co.
Lawson Roofing
Co.
Loyt Bros.
Malott & Peterson
Raphed Roofing
Co.
Samuel Co., H. D.
Watsonite Co.
Western Asbestos
Magnaesia Co.
Western Fel and
Refining Co.
Roofing (Slate &
Tile).
Graham, R. G.
White, Ed. A.

Roofing Materials.

Bird & Son, F. W.
Johns - Manville
Co., H. W.
Piedmont Paint Co.
Waterhouse &
Price
Western Asbestos
Magnaesia Co.
Western Builders'
Supply Co.
Whittier - Coburn
Co.

Sand, Gravel, Etc.

Bay Develop. Co.
Cal. Building Ma-
terial Co.
Holland, J. P.
McMillan Bros.
Stone Co., E. B. &
A. L.

Western Building

terial Co.
Western Develop-
ment Synacale.

Southern Lumber

Co.
Bill & Jacobsen
Said Building.
McDonnell, W.

Sheet Metal Wks.

Alto, Thos. W.
Bernard, Geo. F.
Condon & Hand
Dunn, Ed. H.
Goss, Wm. P.
Houston, J. J.
Karn, F. K.
Kierley & O'Brien
Lacey Bros.
Lauder, H. I.
Lawson, Herman
Leitch, Antone
Levy Plumbing
Co., M.
Looney, Co., J.
May, Gus
McNeill, Leo. J.
McLaid, J. J.
Parker, J. H.
Perrazzi, H. J.
Skelly, Thomas
Snook & Co.
F. W. W.
Turner Co.
The Wetzel, Theo.
Wilson & Co., W.
Plumbers' Supple-
ment
Kinney Co., H. W.
Mark-Lilly Co.
Neison Mfg. Co.
Pac. Sanitary Mfg.
Co.

Sidewalk Light.

Jackson Co., P. H.
Dwan & Co., J. E.
Phoenix Sidewalk
Light Co.
Waterhouse &
Price

Stair Builders.

Bishop & Pernine
Bolter, John
Jacobsen, J.
Porter, W. F.
Stewart, J. K.

Stationery.

Foster & Short
Wright, J. H.
Steel Bars.
Baker & Hamil-
ton
Dawson & Noyes
woods & Hud-
son

Steel Erector.

Schouten, Fred C.
Pioneer Con. Co.
Williams Con-
struction Co.
Star Iron Works
Kawner Mfg. Co.

Structural Steel

Centers.
Central Iron Wks
Dyer Bros.
Judson Mfg. Co.
Pac. Roofing Mills
Schraeder's Iron
Works
S. F. Iron Works
Western Iron Sup-
ply Co.

Stoves.

Mangrum & Otter
Steiger & Kerr

Structural Steel Contractors.
Brude Iron Wks.
Dyer Bros.
Golden Gate Iron Works
San Francisco Iron Works
Raiton Iron Wks
Volcan Iron Wks
Zenith Iron Wks

Surveyors.
Morser, E. J.
Samborn & Corin-
son
Webster, Chas E.
Tranberg & Eng-
ling
Crane, J. P.
Blanchini, G.

Federal Transfer
& Drying Co.
Gaffney Drayage
& Teaming Co.
Casta Irons
Devenenzi & Co.,
L.
Dillon Teaming
& Co., Inc.
Federal Transfer
& Drying Co.
Gaffney Drayage
& Teaming Co.
Hartnett, J. P.
Holland, J. D.
Hulu Co., E. M.
Lennon (V.), J. E.
Lettler, Fred
McGlinchey
McMahon
Montague Co., P.

O'Day Co., D.
Pico Edw. F.
Powers, Chas. J.
Sibley Teaming &
Crading Co.
Star Contracting
Co.
Wright Co., J. H.
TULAK
Ginsberg & Co., S.
Mangrum & Ott
Peerless Agency
Co.
Tile Mfg. Co.
Watson
Vance
Bill & Jacobson
Hyde Henry C.
United Elec. Co.

Sherman, Kimball
Co.
Wall Beds.
Marshall - Stearns
Co.
Water Company.
Spring Valley
Works
Whitewashing.
Brickley, P. J.
Reale & Jamelson
Taylor, L. A.
Window Graining.
American Window
Cleaning Co.
Windows, Patent.
Birth Co., L. H.
Sibcox Window
Co.

Electrical.
American Elec-
trical Engi-
neering Co.
Castroville Elec-
trical Works.
Central Electric
Co.
City Electric Co.
Decker Electric Co.
Globe Elec. Co.
Levy Electric Co.
National Elec. Co.
Elevators.
Otis Elevator Co.
Val Elton Eleva-
tor Co.
Fibre.
S. F. Fibre & Cord-
age Co.
Fireproof Doors.
Gervais, Henry.
Norris, L. A.
Roebeling Sons,
John A.
Floor Sanding.
Inland Floor Co.
Pacific Floor
Sanding Co.
Grill Work.
Cal. Art Metal &
Merle Co.
Sartorius Co.
Withington, C. W.
Gen. Contractors.
Andrus, R. C.
Brigham, H. B.
Caldwell & Co.
Cereghino & Son,
Louis
Currie & Currie
Dempjak Bros.
Farquharson, D. B.
Fluth & Morton
Fraser & Frazer
Graham, D. E.
Griffith, Wm.
Hannah, J. D.
Hannah & Co. J.S.
Hayes, W. W.
Jackson, A.
Kuykendall, J. O.
Mallev, Edward
Mathies, Henry
Schnebel, John
Schnebel, H. Est-
rasser & Ped-
grift
Van Sant-Hough-
ton Co.

Cronan, Wm
Mangrum & Montague, W. W. & Co.
House Moving & Raising.
Blume Contract Co.
Pearson, R. K.
Sullivan, D. L. & J.
Inland Floors, Hardwood, Int. Floor Co.
Pacific Floor
Sanding Co.
Iron Works.
Lorenz, Schaffner & Co.
Michaela & Pter-
fer
Molarch Iron
Works
Pacific Rollins
Mill Co.
Pacific Struc. Iron
Works
Joint Hangers & Post Caps.
Kortick - Falls
Inland Floor Co.
Lilly & Thurston
Co.
Lorenz Schaffner &
Co.
Western Builders'
Supply Co.
Kawner System Store Fronts.
Falls Mfg. Co.
Lilly & Thurston
Co.
Lathers.
Lynch, R.
Snell & Dennis

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180-188 JESSIE STREET OF SAN FRANCISCO PHONE KEARNY 4700

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Vice President, E. J. Brandon.
Treasurer, C. W. Withington.
Secretary, R. J. H. Forbes.

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E. J. Brandon
C. W. Withington
R. J. H. Forbes
R. A. Chisholm
Robert Dewar
Alexander Mennie
James Young
Chas. McDonnell
Fred P. Fischer
J. D. McGilvray

MEMBERS.

Architectural Iron Works

Acme Iron Works.
Bald City Iron Works.
Brode Iron Works
Central Iron Wks.
Dyer Bros.
Buckra Iron Wks
Kell Iron Works
Kortick - Falls
Mfg. Co.
G. G. Structural Iron Works.
Hillard & J. Co.
Judson Mfg. Co.
Mortenson Cons. Co.
Michaels & Pter-
fer
Phoenix Iron Wks
Taiton Iron Wks
Lorenz Schaffner & Co.
Schneider Iron Works.
St. Francis Orn. Iron Works
Itelger & Kerr
Stove & Foundry Co.
Julian Iron Wks.
Western Iron Wks
Withington, C. W.

Art Glass.

Cal. Art Glass Co.
Ingerson & Glaser Co.

Blacksmith.

Paul Kleiber

Bonds.

American Bond-
Co.
Castello & Cutler
Acme Life Ins. Co.
Boole, F. E.
Empire State Sur-
ety Co.
Fidelity & Deposit
Co. of Maryland
Fidelity & Deposit
Hillman & Son, J.R.
Lawton, A. J.
Lind & Spengler
MacMeans, H. V.
National Surety
Co.
Pacific Coast Sas-
uality Co.
Pacific Surety Co.
Perley, A. E.
Smith, Leo J.
United States
Metal Products
Co.
United States
Fidelity and
Guaranty Co.

Brick and Pottery.

Brick Development
Cal. Brick Co.
Carey, J. E.
Carnegie Brick A
Pottery Co.
Carquinez Brick Co.
Pottery Co.
McKear Brick Co.,
E. B.
Peterson - Karts-
chick Co.
Remillard BK. Co.
Sacramento
Trans. Co.
Santamaria, C. K.
Stelger T. C. and
Pottery Wks
Thermos Brick Co.
G. G. Brick Co.
building Material.
California Build-
ing Material
City Supply Co.
Farnold Co. The
Kortick - Falls
Mfg. Co.
Holland, J. P.
Howard Co.
J. E. Lennon.
Johns-Manville Co.
Lilly & Thurston
Co.
Pacific Refining
& Roofing Co.
Parrish Co.
Parrott Paint Co.
Pratt Building &
Material Co.
United Material Co.
Waterhouse &
Price Co.
Western Bldg
Supply Co.
Building Paper
Lilly & Thurston
Co.
Cement Dealers.
Balfour, Guthrie
Co.
Cewell Lime & Ce-
ment Co.
Holmes Distribut-
ing Co.
Holland, J. F.
Leonard, J. J.
Meyer, A.
Pacific Portland
Cement Co.
Quality Lime and
Cement Co.
Western Building
Materials Co.
Standard Portland
Cement Co.
City Products.
Cal Brick Co.

Concrete.

Chase, Silas A.
Camp & Carillon.
Carrington, Har-
relson Co.
Foster & Voegt.
Goodman, Alfred
Hill Stone Co.
Hau, C. C. W.
Leonard, J. J.
Lynch, Adam
Pasquett, I.
Sartorius, Charles
Stamquist & Forbes
Zimmerman, L. M.

Concrete Reinforcement.

Lilly & Thurston
Co.

Contractors & Builders.

Allen, Chas. M.
Anderson, W. W.
Arthur, L.
Bateman, J. C.
Boring, F. H.
Born & Son, S. A.
Brady, C. A.
Braunton Bros.
Burdick, Wm. A.
Caldwell & Co.
Cameron & Dis-
son.
Cavanaugh, Thos.
A.
Chisholm, R. A.
Cobby, J. W.
Coburn, I. W., Inc.
Conannon, W. N.
Conrad, H.
Creghino & Son,
Lewis
Dewar, R. & Son.
Ellam, Thos. & Son
Elliot, E. W.
Fahy, R.
Fischer, Fred.
Franz, Val.
Gillespie, G. G.
Gallagher, Frank
Gardner, Robert
Greig, Robt.
Hainsbrough Bros
Healey - Tibbitts
Co. Co.
Hinson, L. A.
Hill, J. A.
Hulm & Son
Hawkins, A.
Ingerson, C. A.
Jacks, H.
Jones, Paul
Jones, W. G.
Kent, S. H.
Knowles & Itch-
ley.

Lettler, E. T. &
Sons
Lynch, M. C.
Masow & Morrison
Mathies, Ch. Co.
Mathies, H. C.
McElhiney, R and
Wm.
McLachlan, Thos.
Lynch, Adam
Moller, R. W.
Mores, H. B. & Son
Owley, B. T.
Penny, Isaac.
McLeran & Peter-
son
Robinson & Gil-
lespie
Simmen, John.
Smith, J. W. & Son
Spence, A. T.
Stockholm & Al-
lyn.
Terrill, G. C.
Verzina, L. N.
Walker Bros. Co.
Warwick, H. C.
Buller, Thos.
White Bros. (ex-
penter).

Curtice Works.

Amsler, C. S.
Bryner Mfg. Co.
Capitol Sheet Mtl.
Works.
Comyns & Child-
ers
Conlin, J.
Cronan, Wm.
Forner, Cornice
Works
Gulfooy Cornice
Works
Apparatus Cornice
Works.
Heldt, Wesley.
Morrison & Clark.
F. Cornice Co.
Western Furnace
& Cornice Wks.

Contracting Lather.

Lynch, Richard
Snell & Dennis
Raymond, W. H.
Curbing, Granite.
McLengnan, S. B.
Damp Proofers.
Brickley, P. J.
Reigle & Jamison
Co.
Door Openers.
Rischmuller, Geo.

Electric.
American Elec-
trical Engi-
neering Co.
Castroville Elec-
trical Works.
Central Electric
Co.
City Electric Co.
Decker Electric Co.
Globe Elec. Co.
Levy Electric Co.
National Elec. Co.
Elevators.
Otis Elevator Co.
Val Elton Eleva-
tor Co.
Fibre.
S. F. Fibre & Cord-
age Co.
Fireproof Doors.
Gervais, Henry.
Norris, L. A.
Roebeling Sons,
John A.
Floor Sanding.
Inland Floor Co.
Pacific Floor
Sanding Co.
Grill Work.
Cal. Art Metal &
Merle Co.
Sartorius Co.
Withington, C. W.
Gen. Contractors.
Andrus, R. C.
Brigham, H. B.
Caldwell & Co.
Cereghino & Son,
Louis
Currie & Currie
Dempjak Bros.
Farquharson, D. B.
Fluth & Morton
Fraser & Frazer
Graham, D. E.
Griffith, Wm.
Hannah, J. D.
Hannah & Co. J.S.
Hayes, W. W.
Jackson, A.
Kuykendall, J. O.
Mallev, Edward
Mathies, Henry
Schnebel, John
Schnebel, H. Est-
rasser & Ped-
grift
Van Sant-Hough-
ton Co.
Glass and Glazing.
Cal. Plate & Win-
dow Glass Co.
Cohen, I.
Cobbedick-Kibby
Glass Co.
Friedman Bros.
Fuller, W. P. &
Co.
Habenlicht & Howlett
Holland, J. P.
Schwarz & Gott-
lieb (Inc.)
**Graining & De-
mossing.**
Church, D. O. &
Dillon, D.
Eureka Teaming
Co.
Fay, S. J.
McClure, H. N.
Wilhelm, A. H.
Williams, E. A.
Wright, Chas.
Monarch Teaming
Co.
Sibley, L. B.
McLengnan, S. H.
Granite.
Bradbury Thos.
Cal. Granite Co.
De Lano & Sons,
I. L.
Hunt, A. T.
Raymond Granite
Co.
Hardware.
Kause, J. H.
Lorenz, Schaffner
& Co.
Meyer, A.
Palace Hdq. Co.
Reed & Light.
Pacific Gas and
Electric Co.
**Heating & Vent-
ilating.**
Burnham Plum-
bing & Heating
Inc.

House Moving & Raising.
Blume Contract Co.
Pearson, R. K.
Sullivan, D. L. & J.
Inland Floors, Hardwood, Int. Floor Co.
Pacific Floor
Sanding Co.
Iron Works.
Lorenz, Schaffner & Co.
Michaela & Pter-
fer
Molarch Iron
Works
Pacific Rollins
Mill Co.
Pacific Struc. Iron
Works
Joint Hangers & Post Caps.
Kortick - Falls
Inland Floor Co.
Lilly & Thurston
Co.
Lorenz Schaffner &
Co.
Western Builders'
Supply Co.
Kawner System Store Fronts.
Falls Mfg. Co.
Lilly & Thurston
Co.
Lathers.
Lynch, R.
Snell & Dennis
Light and Power
City Electric Co.
Pac. Gas & Elec-
tric Co.
Lime, Cement, Etc.
American Cement
Plaster Co.
Arden Plaster Co.
California Lime &
Cement Co.
Cowell Lime &
Cement Co.
Holland, J. P.
Horn, Lumber Co.
Lennon, Jas. E.
Lucas, W. E.
Pac Lime & Plas-
ter Co.
S. F. Lime Co.
Shasta Lime Pro-
ducts Co.
Western Building
Material Co.
Western Lumber
& Cement Co.
Lumber.
Acme Lumber Co.
Christenson Lum-
ber Co.
Hardy, Jas. H., Inc.
Hart-Wood Lum-
ber Co.
Humboldt Lumber
Co.
Hauptman Lum-
ber Co.
Hooper Lumber
Co.
Kruze, J. H.
Loon Lumber Co.
Macdonald Lum-
ber Co.
Moore, R. B. Mill
Co.
Olson - Mahaney
Lumber Co.
Petersen, T. H.
Sartia Fe Lumber
Co.
Schouten Lumber
Co.
Tierpan & Ber-
nardi
Valley Arsdale-Har-
ris Lumber Co.
Wilson Bros. &
Doe Co., F. P.
**Lumber (Hara-
ding.)**
Dieckmann & Co.
Howard, E. A. &
Co.
Nelson, Ed. F. &
Co.
White Bros.
S. F. Lumber Co.
Machinery.
Harro, Richard
& McConne.

Masons & Builders
 Alexander, R.
 Allen, C. J.
 Anderson & Hal-
 nev.
 Arell, A.
 Beck, A.
 Brady, M. V.
 Brady, O. E. & Son
 Brandon, E. J.
 Brennan, J. E.
 Bringham, H. B.
 Butcher, Thomas
 Butcher & Hadley
 Byron, D. J. & Son
 Campbell Bros.
 Carr, J. W.
 Drake, Harry E.
 Downey, J.
 Farrell & Reed
 Fennell, Jas.
 Gale, M. F. & Son
 Gilson, J. E.
 Harrison, A.
 Hibbins & Barker
 Hock, Chas.
 Hoffman, V.
 Hogberg & Lud-
 wig
 Larsen, H. H.
 Lawson, A. W.
 McGowan, M.
 Miller, J. W.
 Murray & Mow-
 bray.
 Mulcahy Bros.
 Nagel, W. L.
 O'Connor & Col-
 lins
 O'Rourke, T. F.
 Scott Co.
 Hatney & Phhil-
 lips
 Ringrose, R. & Son
 Scott, W. S.
 Walker, P. J.
 Watson, Sage
 Watson, Sidney
 White, J. M.
 Whitney & Davies
 Wilson, James A.
 Wygant, J. H.

Marble.
 American Marble
 & Mosaic Co.
 Columbia Marble
 Co.
 Gervais, Henry

Grassi, Peter, Co.
 Hunt, Andrew T.
 Malno, F. L. & Co.
 Musto & Sons, Jos
 Keenan Co.
 Vermont Marble
 Co.

Manuels, Tiles
Grates.
 Kirwin & Dono-
 van.
 Mangrum & Otter
 & Montague & Co. W.
 Peerless Agencies

Metal Furring &
Lathing.
 Holloway, Ex-
 panding Mtl Co.
 Lynch, H. T.
 Natlinal Lathing
 and Furring
 Northwestern Ex-
 panding Metal
 Co.
 Roebling Sons,
 John A.

Metal Window
Works.
 Dwan, J. E.
Mosaic.
 Amer. Marble &
 Mosaic Co.
 Gervais, H.
 Malno, F. L. & Co.
Office Fixtures.
 Bateman, Wm.
 Forbes & Son, A. J.
 Fink & Schindler
 Co.
 Simmen, John

Painters.
 Daniela, Gus V.
 Donovan, V. J.
 Fraser, J. P.
 Kuss, P. N.
 Lewellyn, J.
 Spark, J. H.
 Neal, L. J.

Paint Burner
 Paint (Damp Re-
 sisting).
 Dwan Co. J. E.

Paints, Oils, Etc.
 Bass - Heuter
 Fuller & Co. W. F.
 Kuss, P. N.
 Maundrell, H.
 Pacific Refining &
 Roofing
 Paraffine Paint Co
 Whittier - Coburn
 Co

Paint Chimneys.
 Clawson & Co., L.
 B.
 Dunlevy & Gettle
 Dresser - McDon-
 nell Co.
 Cal. Pottery Co.

Paving Brick.
 Cal Brick Co.

Planing Mills.
 Anderson Bros.
 Burnham - Stan-
 ford Co.
 Ca. Lumber Co.
 Cal. Milling Co.

Elkington &
 Huckle
 Herring Mill (Inc)
 Kendall, A.
 Kruse, J. H.
 Lorden Mill Co., J.
 P.
 R. B. Moore Mill &
 Lumber Co.
 National Mill &
 Lumber Co.
 Pacific Mfg. Co.
 Reinhardt Lumber
 & Planing Mill
 Co.
 Reilly, P. F.
 Santa Clara Mill
 & Lumber Co.
 San Mateo Plan-
 ing Mill.
 Searle & Hayman
 Taylor & Co.

Plasterers.
 Blinner, Theo.
 Bradley & Reilly
 Carrick, M. H.
 Chalmers, H. A.
 (Inc.)

Clark, D. Ross.
 Crichton, J. L.
 Coghlan, Frank
 Connolly, J. J.
 Connell, J. E.
 Fay, John
 Felt, H. L.
 Floodberg & Mc-
 Caffery.

Fraser, Simon
 Gregg & Clute
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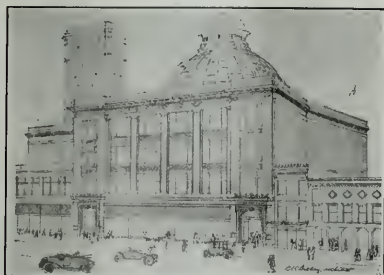
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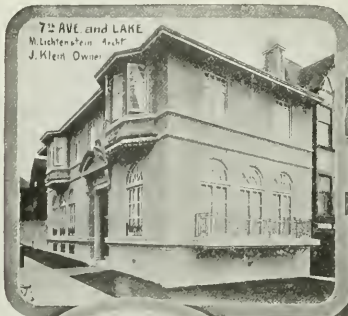
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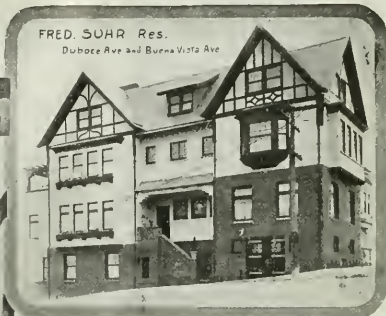
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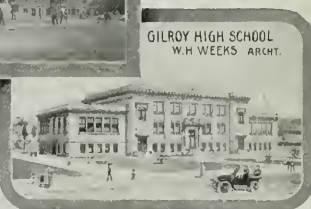
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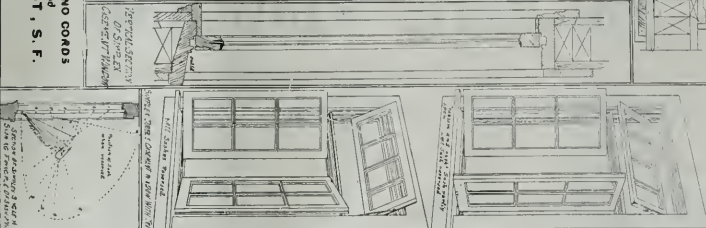
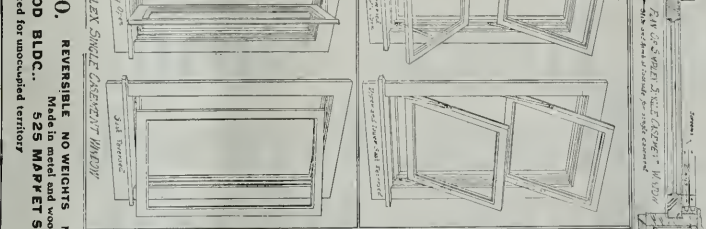
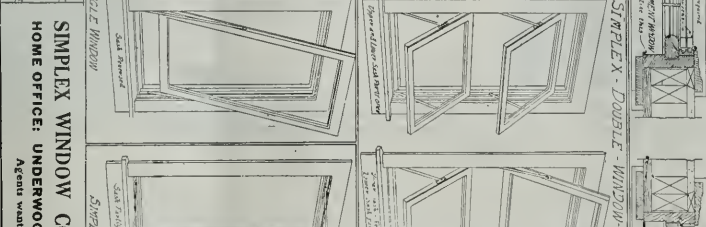
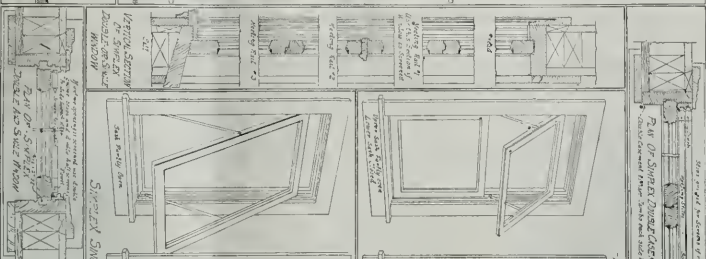
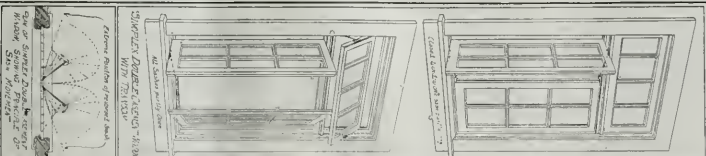
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San Francisco, JUNE 24, 1914

Fourteenth Year No. 25

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Devoted to the Architectural, Engineering, Building and Industrial Activities of the Pacific Coast.

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Editorial Comment.

Building operations for the month of May went along with about an even pace with last year. Of something like 75 cities making reports to the American Contractor, Chicago, the total amount of building permits amount to practically the same thing as that of May, 1913. Particulars are shown in the following table:

City	May, 1914.	May, 1913.
Akron	\$ 399,656	\$ 584,380
Albany	569,565	399,665
Atlanta	732,299	771,657
Baltimore	1,032,200	835,147
Berkeley	151,000	180,800
Boston	674,968	2,614,400
Buffalo	1,124,000	1,568,000
Chattanooga	78,400	70,390
Chicago	6,019,150	8,916,900
Cedar Rapids	321,000	293,000
Cincinnati	1,181,715	790,572
Cleveland	2,201,820	1,958,025
Columbus	841,000	613,338
Dallas	540,100	1,107,405
Dayton	435,671	54,825
Denver	218,030	224,430
Detroit	3,038,925	3,900,645
Duluth	240,365	282,750
Evansville	168,186	183,593
Fort Wayne	352,375	327,250
Grand Rapids	304,759	320,957
Harrisburg	129,175	124,050
Hartford	430,159	674,530
Indianapolis	1,547,787	1,088,479
Kansas City	1,177,915	1,129,660
Lincoln	88,932	131,095
Little Rock	117,235	169,413
Los Angeles	4,478,763	3,735,410
Louisville	459,830	367,460
Manchester	149,805	206,917
Memphis	304,695	417,412
Milwaukee	1,684,889	1,390,866
Minneapolis	3,160,485	1,260,645
Newark	809,288	1,683,790
New Haven	307,200	351,936
New Orleans	204,587	148,086
New York:		
Manhattan	8,656,959	4,926,544
Brooklyn	1,519,258	3,247,934
Brooklyn	3,852,523	3,100,670
Boro. of Queens	2,300,879	2,038,666
Boro. of Richmond	350,163	442,406
Total	\$16,679,782	\$13,755,620

Oakland	366,728	1,262,445
Oklahoma	28,162	18,445
Onahua	1,146,833	477,000
Paterson	173,471	101,566
Peoria	272,013	607,483
Philadelphia	6,264,040	4,170,095
Pittsburgh	1,592,209	841,716
Portland	642,880	848,330
Richmond	370,034	292,651
Rochester	1,242,781	1,078,287
Sacramento	508,549	163,012
Salt Lake City	300,914	240,775
San Diego	312,626	385,995
San Francisco	2,564,959	2,830,306

San Jose	78,072	51,808
Stockton	556,537	71,510
St. Joseph	88,467	95,525
St. Louis	1,017,000	900,000
St. Paul	1,503,214	1,074,108
Scranton	104,161	104,537
Seattle	809,405	683,380
Shreveport	106,800	158,870
Sioux City	136,583	159,135
South Bend	466,956	232,030
Spokane	105,542	1,344,000
Springfield, Ill.	108,175	120,040
Syracuse	318,065	276,375
Tacoma	187,501	231,002
Toledo	792,159	479,930
Topeka	38,291	121,264
Washington	1,654,164	976,832
Wilkes-Barre	53,978	53,256
Worcester	645,401	584,947

Total\$74,467,707 \$74,157,152
It will be seen that New York and Philadelphia gained while Chicago lost. In the main the other cities registered about an even break so that the total of 74 million is almost identical for the two years.

Judge Dunn is reported to have said that the trial of cases has degenerated into a game. He refers particularly to the criminal cases in which he states that the attorney for the defense is one player, the District Attorney the other and the Judge is the umpire. In case it result in conviction and an appeal is taken, it is decided not upon the guilt or innocence of the accused, but upon whether or not one of the rules of the game has been violated.

What the judge says of the criminal law is equally applicable to civil cases. And these long delays and endless arguments are being put an end to by the commissions that have been established with judicial powers.

The Workman's Compensation Act is one of the acts that has established a commission that does away with delay in personal injury cases.

INSIDE BUNGALOW.

The Pacific Building Materials Company has built and tastefully furnished a complete California bungalow inside their office at 523 Market Street, for the purpose of demonstrating the uses of the different Building Materials and Equipment they handle.

This inside bungalow besides being extremely novel, is very interesting to a prospective home builder, for a good many ideas for decoration and furnishing a modern home are shown to good advantage. There is not a detail either in construction or furnishing, that has been overlooked.

The Pacific Building Materials Company extends a cordial invitation to our readers to inspect this bungalow at any time. We feel that you would be interested in seeing this attractive and useful demonstration and it is with much pleasure that we extend this in-

The Use Of Asphaltic Road Oil.

By W. N. Frickstad,
Assistant City Engineer of Oakland, Cal.

From Pacific Municipalities.

Before the Third meeting of the Bay Cities Branch of the League of California Municipalities, at San Jose, Cal., May 9, 1914.

The man who discovered that asphaltic oil is useful in road building unknowingly started a series of considerable part of the time of trustees, engineers and other municipal officials for the past several years, particularly the last five. The use of his product has been called the greatest advance in road building since the days of John McAdam, a triumph of American inventive genius and a wonderful saver of the taxpayer's money. On the other hand, it has been set down as merely another luxury entering into the high cost of living; or by others of a different mental attitude, called a pitiful substitute for something better and more permanent. It is not my purpose to engage vigorously on either side of the controversy. Probably there is truth in all of these statements, and certainly, under some circumstances all are wrong. It is rather my purpose to point out the circumstances under which oil is useful, at least as we have developed the subject in the Oakland Street Department; to describe briefly our methods of using it and to tell something of the cost to us.

You have undoubtedly heard that a street should be designed according to the traffic that it will carry. Other considerations enter, but undoubtedly the amount and kind of traffic is an important factor. A street that is likely to carry less than a hundred vehicles per day can be paved in a very different manner than one that will carry three to six thousand. Also the character of the vehicles is important. In November, 1908, five and one-half years ago, the best information at hand indicates that automobile traffic in Oakland was between 10% and 12% of the total.—Not enough to be a serious factor except on a few main highways especially useful to them. A year ago a count of 130,000 vehicles covering 25 points showed 53.8% of the total to be automobiles of various kinds, the stations ranging from 7% to 72%. A similar count this year shows nearly 60% as an average. Obviously there has been a great change in the kind of traffic in the last few years.

However, the traffic is not the sole consideration in selecting a pavement. In deference to our optimistic friends the real estate operator who wants a pavement, but wants it thin, and to the pessimistic protestant who appears before the Board of Council as evidence that he does not want any pavement at all, but if he must have it wants it cheap, I will say that cost is an important item. On the other hand, certain things must be secured even on our streets of lightest traffic. The average residence street is essentially part of the front yard. It should be of decent appearance and reasonably clean. The children will surely use it for a playground, and it should not be a series of bog holes in winter and the

source of a fog of dust in summer. These latter considerations alone cause the demand for many miles of paving annually. Incidentally, the individual property owner who has an automobile or a horse wants to reach his home conveniently; the grocer, butcher and expressman find good streets necessary in the residence district, and occasionally every street will be traversed by the heaviest truck in town with a load of lumber, stone or other building material.

From the foregoing remarks it is clear that any pavement, to be useful, must be durable in proportion to the expected traffic, clean or easily cleaned, reasonably noiseless, pleasing in appearance, low in tractive resistance, offer a good foothold, be capable of sustaining the heaviest loads and be easily repaired. Certain minimum requirements must be exacted regardless of the amount and kind of traffic. Under former conditions plain macadam served the purpose very well on streets of moderate travel, and was extensively used under medium and even heavy traffic. In recent years there has been a growing demand for cleaner streets, and macadam was nearly always dusty in summer and muddy in winter. Then came the automobile, propelled by its own wheels at high speed, and plain macadam promptly became out of date.

The problem of finding a substitute for macadam arose in Oakland five or six years ago. We did not care to adopt a standard asphalt pavement at a cost double or treble that of macadam. All of the patented pavements that came into vogue at about that time seemed defective in some vital point or were too expensive. After some experimenting, which has been in progress to some extent ever since, we adopted the use of asphaltic oil to modernize our macadam. It is now our standard for streets of light and medium traffic. So far as can be known at the present time it fulfills, to a reasonable degree, all of the requirements set forth above, excepting that it is distinctly not easily repaired, especially over refilled trenches. But this is true of any type of pavement built without an adequate concrete base, and is one of the penalties attached to building a low priced pavement.

The precise amount of traffic that should bear the use of oil macadam in favor of something better is difficult to say. Tentatively, perhaps 1,000 vehicles per day on a roadway thirty-five or forty feet wide might be suggested, although if most of the traffic be ordinary automobiles or light horse-drawn vehicles, this might be too conservative. Time alone, combined with careful traffic records, will answer this question. A traffic of 1,000 vehicles per day is not found on many streets in a small city, and even in a large city the mileage is limited. So if experience proves that this limit is correct, even if other pavements prove to be satisfactory and economical, the field of usefulness for oil macadam is extremely broad.

Another field in which asphaltic oil has been useful to us began primarily as a maintenance operation and secondarily a betterment. When we abandoned the construction of plain macadam in 1910 we had about 273 miles of that class of streets. It was obviously impossible to order their immediate reconstruction, most of them being in good or fair condition. The automobiles, however, were beginning their deadly work. We were forced to find some means of protecting these roadways. Surface oiling, which had already been successful in other places, was adopted as the most economical protection in sight, promising also to reduce the cost of maintenance by eliminating the sprinkling and decreasing the cost of cleaning. A beginning was made in 1910 and 1911 and the work prosecuted vigorously since. To date we have surface oiled about 65 miles of street. Reconstruction has further reduced the length of plain macadam to about 193 miles, of which fully 100 miles will be oiled as rapidly as funds permit. The others are too old to be oiled economically.

So much in general as to the field of usefulness of road oil. Many methods have been developed in various cities, but to make clear upon what we are basing our faith it might be advisable to continue to limit the discussion to Oakland practice. I shall omit many details. For further information, if you wish to compare our methods with yours, I invite you to visit Oakland at almost any time between now and October. We will be glad to give any information available and show some of the actual work.

Our work is of four types:

(1) Oil macadam, which consists of a macadam street into which oil has been worked during the process of construction. The term *oil macadam* covers a wide range of specifications, but as used in this paper the distinctive feature is a definite penetration of oil into the pavement to the extent of two or three or more inches.

(2) Surface oiling, which consists of spreading a thin wearing surface of oil and screenings over a completed water-bound macadam street.

(3) Surface oiling on a concrete base, somewhat after the manner of the so-called dollar-way pavement.

(4) Oil used in patching or repair work.

We are using two types of oil macadam, one being called single course, and the other two course oil macadam. The former is constructed as follows:

After the curbs and gutters have been completed and the subgrade carefully graded and rolled, a layer of stone is spread, varying in depth from eight inches at the center to six inches at the gutters, measured before rolling. This rock is rolled once, then screened and rolled alternately until filled with screenings and the roadway is fairly compact and firm. Then oil is applied at the rate of about seven-eighths gallon to the square yard. Sufficient time is allowed for the oil to sink into the rock, when the street is again screened and rolled. Then about five-eighths of

a gallon of oil per square yard is applied and again the street is screened and rolled.

In the main, we have had good success with this pavement because we have insisted on good material and careful workmanship. However, we have had some partial failures. The main difficulty is with the fundamental theory of the pavement. When we secure perfect results we have an oil-bound wearing surface about three inches thick overlaying another layer of rock three or four inches thick which may or may not be thoroughly compacted, bound or filled with screenings. The base is therefore likely to be weak, especially in spots, and give way under a heavy load. Furthermore, certain practical difficulties occur in trying to secure results. If we roll sufficiently to pack the base before oiling we are almost certain to seal the top so that the oil will not penetrate; if we leave the top open and porous to absorb the oil, the base may not be compact. The slightest carelessness results in both defects in the same block. Then we find that the details must be varied from day to day according to the weather. Also that the rock from each quarry needs its own treatment, and we used rock from twelve quarries last year. Also the personal equation of the contractors, foremen and inspectors has its influence. Nor does the pavement seem capable of supporting heavy loads in the first years of its life.

Because of these difficulties and the uncertainties involved, we have ceased to issue specifications for single course macadam, which might better be described as an attempt to build a two-course pavement in a single operation. All of our new specifications frankly call for two courses or layers. The essential features are as follows:

After the roadway has been brought to the proper subgrade, and after the curbs and gutters have been constructed, a course of broken stone, known as the base course, having a depth varying uniformly from five inches at the center of the roadway to four inches at the gutters, measured before rolling, shall be spread on said subgrade. This base course shall then be rolled, etc., as usual for water-bound macadam. Upon the base course shall be spread a course of broken stone, known as the top course, having a uniform depth of three inches, measured before rolling. This top course shall then be sprinkled uniformly with oil at the rate of one-half gallon to the square yard, after which said top course shall be barrowed and again sprinkled uniformly with oil at the rate of one-half gallon to the square yard. This oiled surface shall then be thoroughly rolled, enough screenings being spread in light layers on said top course during the rolling to completely fill the voids. After the top course has been so prepared oil shall be sprinkled uniformly over the surface at the rate of one-half gallon to the square yard, then covered with screenings and thoroughly rolled.

The stone for the top course must be of a high grade, ranging from one inch to two inches in size, but for the base course may be poorer and coarser.

The two important precautions in building this kind of pavement, aside from good material and workmanship, which we have with us in all con-

struction, are (1) compacting and binding the base course, and (2) oiling the top course uniformly.

This pavement is fundamentally sound. It conforms to good theory and practice. It is not new or untried. We let one contract in 1911 and five in 1913, and have observed the success of other municipalities with this kind of construction for some years. We have long believed it to be better than the single course macadam, but have hesitated over the additional expense. It is now clear to us that the additional cost is fully justified by the improvement in quality, and we hope that when the contractors appreciate its comparative simplicity of construction that the difference in price will be reduced.

Oil macadam, particularly of the two-course type, has all of the good qualities of plain macadam, excepting that traction is slightly heavier for horse-drawn vehicles on warm days. On the other hand, automobiles seem to have little effect upon it. Iron tires, especially when heavily loaded, tend to slowly wear the surface, which can be renewed. The surface is clean, no dust or dirt being created by the wear. The roadway and gutters are kept cleaner than our plain macadam at half the expense. The edges at the gutters are not washed out by an occasional winter flood and crossing culverts are seldom blocked by sand. It gives a good foothold for horses and rubber tires, except in wet or extremely cold weather, when it is still less slippery than asphalt. It is practically noiseless. In appearance and fundamental soundness it is comparable with an asphaltic concrete wearing surface laid on a plain macadam base. Which of the two is ultimately better, maintenance, first cost and service all considered, cannot be said at this time, but the oil macadam is certainly the cheaper in first cost.

The second method of using oil, surface oiling, starts off with a sound, hard, reasonably smooth macadam roadway. The street is carefully cleaned and repaired. Oil is then spread upon the street at a rate varying from five-tenths to six-tenths gallons per square yard. This oil is covered with clean screenings and rolled. A few weeks of moderately warm weather, together with an ordinary amount of traffic, will produce a smooth asphaltic surface.

This operation is easily accomplished by skilled workmen. But we have found—and the case is probably the same with many of you—that certain things are necessary for success. The first of these is a good street on which to work, for every soft spot, ridge or depression will show in exaggerated form shortly after oiling. Another is skilled workmen, especially the foreman, operator of the oil wagon and teamster. Another is thoroughly cleaning of the street, for the oil will not adhere when insulated from the rock by a layer of dust. Another is clean, hard screening. Another is suitable oil. We are using 90 per cent refined oil, but other grades have given success. Without going into a technical discussion of oils, it may be said that oil with high adhesive qualities is necessary for this work as well as for any other method of using road oil. A final precaution is to limit the amount of oil. Excess oil is expensive in itself,

requires extra screenings in proportion, and results in a wavy road.

Indications are that the oil surface will last from three to five or six years. Few of our streets oiled four years ago show any necessity of a re-oiling, although some carry a fair traffic. This kind of street has all the merits of oil macadam as to appearance and cleanliness, but it is more affected by horse-drawn vehicles and by moisture. When a break occurs in the surface, the surrounding pavement goes rapidly.

The third method of using oil is by a surface application on a concrete base. Our experience in Oakland is limited to one short street in the vicinity of the Livingston street wharf. Here we constructed a concrete base to which we applied oil and screenings in much the same manner as ordinary surface oiling. A few months after completion a change in conditions made this road the pathway for a motor truck, dragging a heavy lumber truck with iron tires. Within a few weeks the iron tires had crushed the screenings into a fine powder in long strips and loosened the bond of other parts of the surface so that patches could readily be stripped off with a stick. The surface was repaired, and now, one year later, although the traffic is insignificant, the surface is in bad condition.

It is hardly fair to condemn this type of pavement on this one failure, but reports from other places indicate that iron tire vehicles above and a concrete base below form a combination much like the proverbial millstones, and that the usefulness of this pavement is probably limited to streets that carry auto traffic and light pleasure vehicles exclusively.

The fourth way in which we use road oil in Oakland is a maintenance operation, being the repair of oiled streets of all kinds, and the patching of trenches opened therein. This speedily becomes important as soon as a town accumulates a few miles of oiled streets. There are all sorts of devices for doing this work. The type used should depend upon the amount of work expected. In 1911 we had placed in operation a patching machine that consists of a wagon truck on which is mounted an oil tank, a four-horse power boiler and a pump. The tank holds about 400 gallons and is fitted with a steam coil to keep the oil hot. To the pump is attached a flexible armored hose, fitted with spray nozzles. One man drives the pair of horses and another operates the machine. A steam roller accompanies the oiler, together with a sub-foreman, two carts and three laborers. Screenings are deposited along the street where needed and are distributed by cart.

Ordinary repairs, where the defects consist of spots from which the oil surface has been worked or stripped, are accomplished by sweeping away the dust, spraying lightly with oil, filling the hole with screenings and then rolling. Frequently the rolling is omitted, but that is unwise where there is much auto traffic. The greatest nicety of judgment is required in applying the right quantity of oil. Careless workmanship or poor judgment will soon repair an oiled street into a wreck. Trench repairs or holes that extend below the surface are treated differently. In this case rock,

the coarser the better, is placed in the cavity, thoroughly rolled, oiled, covered with screenings and rolled again. Here the secret of success is to have the rock well keyed into the surrounding pavement, and for trenches to have been properly backfilled.

So much for methods of using oil in Oakland. The cost is best appreciated by comparison with plain macadam.

The cost of adding a surface of oil and screenings to our plain macadam has been about 7 cents per square yard, without including overhead expenses or cost of equipment. At present a contractor is doing some of our work at 10 cents per square yard, which price should possibly be reduced to 9 cents in the future, as the result of more experience and competition.

The cost of oil macadam, being paid by the abutting property owners, is best indicated by the contractor's bidding prices. The prices quoted are all based on the ordinary public or private contract, where the contractor collects from the property owner. In former years we paid from 7 to 8 cents per square foot for plain macadam. Last year prices for single course oil macadam averaged about 9½ cents per square foot. This year prices for two course work averaged about 10.6 cents.

The foregoing indicate an advance of about 2 cents per square foot in the price of single course oil macadam over that of plain macadam. But in this is probably included something to cover discount on the serial bonds that have been in use on this work in the last three years. These figures also indicate an advance of another cent, or slightly more, per square foot, due to laying the pavement in two courses. This is not all properly chargeable to oiling, however, for in most places aside from this part of California, even plain macadam is laid in two courses.

We have reason to believe that certain tract owners, making terms of payment favorable to the contractor, have secured their work for 75 per cent of these prices.

At this time it is impossible to give satisfactory figures on the cost of repairs. The mileage and area of our oiled streets changes so rapidly, conditions are so varied on different streets, and our own repair work is so mixed with trench repairs for sewer contractors and public service corporations that definite figures are difficult to obtain. However, deducting charges billed to public service corporations and others for whom we made repairs during the year 1913 our cost of oil patching was about \$7,000. With this amount we maintained about 78.4 miles of street. The following table is submitted as a comparison of the estimated cost of maintaining an average mile of oiled street and a plain macadam street under Oakland conditions:

	Oiled.	Plain.
Repairs	\$ 89.00	\$212.00
Cleaning	72.00	145.00
Sprinkling .....	.....	201.00
One-fifth cost rolling .....	.....	.....

Total

Oiled streets requiring about 73 per cent of the cost of plain macadam.

The above figures are submitted with some hesitancy, but with the belief that the ratio is approximately correct. Also with the belief that the ratio will remain somewhat the same for succeeding years, for while it is true that

our oiled streets are comparatively new, it is also true that improved methods of using oil and a further increase in the proportion of auto traffic tend to make the future more favorable to oil.

In conclusion it may be said that asphaltic oils have two wide fields of usefulness (1) to protect and conserve existing plain macadam streets against changed traffic conditions brought about by the automobile, and to reduce the mud and dust nuisance; (2) to help in building a better macadam than the old type giving better service and having a wider usefulness. Incidentally it is interesting to note that possibly the much abused automobile will

have assisted us—by force—to adopt a type of pavement that will reduce our maintenance bills. That, of course, remains to be proved. The field of road oil is not to provide a substitute for standard asphalt, brick or other high types of pavement, where the expense of these is justified by traffic conditions. Lastly, there is a wide variety of methods of successful use of oil. Good material, careful workmanship and expert supervision are necessary for all. The most important of these is expert supervision, for the way to success has been discovered only after many expensive failures, and the way to failure is just as open now to the inexperienced as it ever was.



NEW PACIFIC COAST HOME OF THE KAWNEER MFG. CO AT BERKELEY, CALIFORNIA.

One of the marvels of the age is the phenomenal growth of the Kawneer Manufacturing Co., manufacturers of metal store front construction.

Seven years ago "Kawneer Store Fronts" was first placed on the market. A small factory for its manufacture was then located in Kansas City, Mo. A year later the factory was moved to Niles, Michigan, where it has steadily grown until today, the parent Company there, is capitalized at \$1,500,000, in order to handle the constantly, increasing output.

Branch offices are maintained in all the large cities throughout the United States and Canada and a branch factory is located in Toronto, Canada, which handles all of the British Empire Trade.

Four years ago, the Company, in a modest way, opened an office in the Monadnock Building, San Francisco. Two years later the business had grown sufficient to justify an assembling plant, which has been located since that time at Nos. 426-422 Turk Street. Every year the business has doubled the preceding year.

The directors of the parent company realizing the future prospects on the Pacific Coast, decided, some several

months ago, to form a separate company out here and locate a manufacturing plant for the Pacific Coast and Oriental trade.

On June 8th, the Company moved into their new plant in Berkeley, which is a five hundred foot building of brick, concrete and steel and thoroughly fire-proof. Modern and up-to-date machinery for the manufacture of store front construction has been installed, the investment representing nearly \$200,000.

Branch sales offices are now located in Los Angeles, Portland, Seattle, and San Diego.

The personal of the new company is composed as follows:

F. J. PLYM, (President of the parent Company and original patentee of KAWNEER) President.

C. M. BOYNTON, Vice-President.

W. P. FAIRBAIRN, Secretary.

The new building is a new departure in factory building construction, the roof being saw-tooth type, whereby, the maximum amount of light is secured—thus making every part of the factory bright as day light.

The name "Kawneer" is now a household word throughout the English Speaking World.

Firms desiring bids on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These items are again repeated under "LOCALITIES" in the last part of one news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$12,500. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, H. Peterson, Monadnock Bldg., S. F. The building will be erected on the east side of Franklin street south of Clay, covering an area of 25 by 74 feet. The building has been arranged to contain six suites of two and three rooms. Interiors will be finished in pine with some elm panels and hardwood floors. There will be wall beds and a hot water system. Bath rooms will be finished in tile with composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$12,500. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Theo. E. Ruifs. The building will be erected on property adjoining a similar building for Mr. Peterson, and will have a frontage of 25 feet and a depth of 74 feet. There will be a total of six three-room suites with baths. Interior will be finished in pine with elm panels and hardwood floors. Plans provide for private baths and wall beds. A hot water supply will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans will be completed within a few days and segregated figures will then be called.

SAN FRANCISCO—Apartment house, 3 story and base, brick and steel, \$35,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, Mrs. Bradbury. The building will be erected at the northwest corner of Polk and California streets, having a frontage on Polk street of 120 feet and on California of 51 feet. There will be seven stores on the first floor and a number of two and three room suites on the upper floors. Interior finish will be of pine throughout. Plans provide for steam heat, a hot water system and automatic elevator. All suites will have private bath rooms and wall beds. Bath rooms will be finished in tile with composition floors. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

SAN FRANCISCO—Apartment houses, 2, 3 story and base, frame, \$12,000 each. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, John Johanson. These two buildings will be erected on adjoining property on the east side of Franklin street between Clay and Washington. Each has been designed to contain six apartments of three and four rooms. Interiors will be finished in pine with elm panels and hardwood floors. There will be steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Entrances will be finished in marble. Exterior of the buildings will be covered with rustic and cement plaster on metal lath.

Plans are nearly complete and work will shortly be started by Day Labor. **OAKLAND, CAL.**—Apartment house, 3 story and base, brick and frame, \$45,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, C. Laing. The building is now under construction at the corner of Grand avenue and Park View Terrace, and when complete will contain a number of two and three room suites. Interior finish will be of pine with some elm panels and oak floors. There will be steam heat and on oil burning plant. All suites will have wall beds and private bath rooms. The architect is now taking figures for the following work: Brick work, metal lath, elevators, hardwood finish and floors, canvas decks, tile and marble work, galvanized iron work and terra cotta tile.

OAKLAND, CAL.—Apartment house addition, 2 story and base, frame, Cost not stated. Architect, William Wilde, Albany Bldg., Oakland. Owner, B. Bereovich. The building located at the northwest corner of Isabel and San Pablo avenue, will undergo alterations and additions. Stores now occupying the first floor will be removed and a lobby and office for the apartments above will be installed. Upper floors will be remodeled and new plumbing, heating and electric work will be installed. Plans are complete and figures are now being taken.

SAN FRANCISCO—Apartment house, 3 story and base, reinforced concrete, \$20,000. Architect, O. R. Thayer, Merchants' National Bank Bldg., S. F. Owner's name withheld. The building will be erected on Polk street, and has been designed to contain a number of two and three room apartments. Interior will be finished in pine throughout. There will be steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Wall beds are specified. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

BATH HOUSES.

SAN FRANCISCO—Bath house and swimming tank, concrete and brick. Cost not stated. Architect, Frederick D. Boese, 54 Kearny street, S. F. Owners, City and County of San Francisco. Plans have been completed for a bath house and swimming tank to be erected in the playgrounds at the corner of 19th and Angelica streets. A contract for the concrete work amounting to \$5,308 will be let at once. Bids for the balance of the work will be taken by the Playgrounds Commissioners shortly. Complete particulars can be secured from the Commissioners at their offices on the 6th floor of the Temporary City Hall.

SAN RAFAEL, MARIN CO., CAL.—Bath house equipment. Cost not stated. Architect, Thomas O'Connor, San Rafael. Owners, City of San Rafael. Bids are now being called for on the mechanical equipment for the new public baths being erected in San Rafael. The work includes the following: Steam heating, flush and salt water heating, swimming pool supply

and heating, steam generating and distributing engine, power transmission and laundry equipment. Bids will be opened on June 29th. Plans and specifications can be secured from the City Clerk.

BANKS.

STOCKTON, SAN JOAQUIN CO., CAL.—Bank and offices, 10 story and base. Class A construction. Cost not stated. Architect, L. B. Dutton, Chronicle Bldg., S. F., associated with Architects Stone & Wright, Stockton. Owners, Commercial and Savings Bank of Stockton. Officials of the bank have advertised for subfigures on the following parts of the work: Concrete, cement work and fireproofing, brick work and terra cotta setting, stone work, lumber and mill work and labor, sidewalk lights and doors, ornamental iron work, sheet metal work, roofing, metal furring and lathing, plastering, plumbing and gas fitting, electric wiring, heating and ventilating, elevators, sweeper system, painting, glass and glazing, marble mosaic tile and terrazzo, hardware and terra cotta work.

LOS ANGELES, CAL.—Bank and offices, 12 story and base. Class A construction. Cost not stated. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Commercial Fireproof Building Co. The building will be erected at the northwest corner of 5th and Spring streets, covering an area of 115 by 155 feet. Construction will be fireproof throughout with a complete steel frame, brick exterior walls, concrete and hollow tile floors and hollow tile interior partitions. The first floor will be occupied by the Citizens' National Bank. Upper floors will contain in the neighborhood of 42 offices. Interior finish will be of hardwood throughout with some metal trim and marble wainscot. There will be steam heat, elevator service, a vacuum cleaning system, mail chutes and metal window sash and frames. Banking rooms will be finished in hardwood, marble, ornamental plaster and ornamental iron and bronze. Special vaults will be installed. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are now being taken.

BONDS.

ASHLAND, Ore.—By a vote of 1206 to 308, or four to one, the \$175,000 mineral springs bond proposition carried. Another special election now must amend the city charter to provide for the selection of three commissioners to work out the development of some immense springs near here.

KEIRMAN UNION HIGH SCHOOL DISTRICT, Fresno Co.—A bond election held here for the purpose of raising funds for the erection of a \$40,000 high school and purchasing the equipment for the same was defeated. There were 216 for the bonds and 117 against.

WATSONVILLE SCHOOL DISTRICT, Santa Cruz Co.—The proposition to bond the Watsonville School District for \$125,000 for the erection of a new school building and to purchase a site for same was lost here by a vote of 588 for the bonds and 497 against. The bonds received a majority of 91 votes, but could not get the necessary two-thirds majority.

TURLOCK, Stanislaus Co.—The vote on issuing \$15,000 in bonds for improved fire apparatus carried here by a handsome majority. There were 353 in favor of the issue and 56 against. The money will be used for the purchase of a standard fire alarm system consisting of not less than 25 boxes, at a cost of \$5,000; an alternating fire bell tower, with electric bell striker, \$1,000; a combination motor-driven hose and chemical truck, \$6,500; repairs to engine house and incidentals, \$1,000.

COLLINS SCHOOL DISTRICT, Santa Clara Co.—Sealed proposals will be received here on July 6th for the purchase of school bonds in the sum of \$5,500. This amount to be used for the erection of a school building and furnishing same with the necessary equipment.

RICHMOND, Contra Costa Co.—Preliminary announcement has been made by Mayor Ludewig that the city council will soon take steps to call for an election to vote \$100,000 in bonds for the city's share in the money required for the dredging by the Federal Government of the Richmond Harbor.

RICHMOND, Contra Costa Co.—At a meeting of the directors of the Stage Sanitary District \$75,000 worth of sewer bonds were sold to R. Whitehead of Oakland.

VISALIA, Tulare Co.—Petitions carrying sufficient signatures to call a special election on the proposed \$1,000,000 bond issue for good roads in Tulare County have been filed with the Supervisors.

STOCKTON, San Joaquin Co.—An election will soon be held in this city for the purpose of raising funds in the sum of \$266,400, this amount to be used in the construction and improvements of streets.

BERKELEY, Alameda Co.—Preliminary steps toward the calling of a municipal bond election were taken when the City Council instructed City Attorney Frank V. Cornish to draft formal papers naming August 15th as the date for the election. The sum of \$1,175,000 will be asked. Funds will be used as follows: Schools, \$500,000; harbor improvement, \$500,000; civic center, \$175,000.

HAYWARD, Alameda Co.—A \$35,000 bond election will be called by the school trustees to provide for the erection of a domestic science annex to the present school building. Several clubs of Hayward are backing the movement.

SACRAMENTO—All of the State Highway bonds advertised for sale were disposed of by State Treasurer E. D. Roberts. The bonds were disposed of as follows: Mendocino, \$75,000; Yuba, \$104,000; Los Angeles, \$100,000; Kern, \$180,000; while the Board of Control bid in the remainder of the \$3,000,000 issue.

TRES PINOS UNION HIGH SCHOOL DISTRICT, San Benito Co.—Bonds are now being issued in the amount of \$6,500 by the Board of Supervisors for the purpose of raising funds for school improvements.

LODI, San Joaquin Co.—A bond election has been called for July 8th in the Davis School District to vote on the issuing of bonds of \$7,500 to be used in the erection of a school building.

AUBURN SCHOOL DISTRICT, Placer Co.—By a vote of 485 to 37, bonds in the sum of \$47,000 carried here. Funds will be used in the erection of a new school building, plans for which have

already been submitted to the Trustees by Architect W. H. Weeks of San Francisco.

LIVE OAK SCHOOL DISTRICT, Sutter Co.—An election held here to vote on the proposition of bond holding the school district for \$2,000 for a new school building was defeated. The total vote was 74, it being necessary that 50 be cast in favor of the same. The vote was 46 for the issue and 28 against. It is believed that the trustees will levy a direct tax to make the improvements.

RICHMOND, Contra Costa Co.—Details have been completed for the Richmond Municipal Water District for the \$2,500,000 bond issue which will be held in this city on July 22nd. Data and general information with regard to the proposition involved by the water bond issue will be compiled and issued in pamphlet form.

WATSONVILLE, Santa Cruz Co.—The Board of Aldermen here have passed a resolution declaring a bond issue to raise funds with which to purchase a modern auto fire engine and other necessary equipment. The new equipment will cost approximately \$12,000. The bond issue will be for \$26,000, the balance to be used in the construction of a bridge over the Pajaro River.

BRIDGES AND DAMS.

SAN FRANCISCO—Dry dock, steel and reinforced concrete, \$1,500,000. Engineer, Union Iron Works, S. F. Owners, Union Iron Works, S. F. Congress has given final assurance that the Navy Department will spend at least \$50,000 annually for dry dock work at San Francisco for a period of six years. This action assures the construction of the \$2,500,000 plant of the Union Iron Works at Hunter's Point. Complete, the dock will be the largest on the Pacific Coast. The Union Iron Works has assured a representative of this paper that construction will be underway inside of thirty days and that plans will be out for figures within ten days.

SAN JOSE, SANTA CLARA CO., CAL.—Bridge extension, reinforced concrete. Cost not stated. Engineer, County Surveyor, Court House, San Jose. Owners, Santa Clara County. Plans for the extensions to be built to the reinforced concrete bridge over Llagas Creek on Martin avenue, San Jose, have been completed and figures are now being called. Bids will be opened by the Board of Supervisors on July 20th. Plans and specifications can be secured from the County Surveyor.

NAPA, NAPA CO., CAL.—Bridge, reinforced concrete and steel. Cost not stated. Engineer, City Engineer, Napa. Owners, City of Napa. Plans for a new bridge of the steel and reinforced concrete type to be erected over the Napa River on East First street have been completed. Bids are now being called and will be opened on July 2nd. Plans and specifications can be secured from the City Clerk.

SAN RAFAEL, MARIN CO., CAL.—Bridge, frame and concrete. Cost not stated. Engineer, County Surveyor, San Rafael. Owners, Marin County. Bids will be opened on July 7th for constructing a wood and concrete bridge over Nicasio Creek in Marin County. Plans and specifications can be secured from the County Engineer.

YUBA CITY, SUTTER CO., CAL.—Levee work. Cost not stated. Engi-

neer, County Surveyor, Yuba City. Owners, Levee District No. 1, Sutter County. Bids are now being called for an excavating and furnishing material for about 90,000 cubic yards and 30,000 cubic yards respectively of levee work. Bids will close on June 27th. Plans and complete particulars can be secured from the County Surveyor, Yuba City.

SAN LUIS OBISPO, SAN LUIS OBISPO CO., CAL.—Concrete girder bridge. Cost not stated. Engineer, City Engineer, San Luis Obispo. Owners, City of San Luis Obispo. Plans for a concrete girder bridge to be erected over the San Luis Obispo River at Nipomo street are complete. Plans can be secured from the City Clerk or Engineer. Bids will be opened on July 6th.

KERNVILLE, KERN CO., CAL.—Bridges, 2, timber pile and concrete. Cost not stated. Engineer, County Surveyor, Buftington, Bakersfield. Owners, Kern County. Bids will be opened on July 15th for two bridges across the North Fork of the Kern River. Plans and specifications can be had from the County Surveyor.

FRESNO, FRESNO CO., CAL.—Subway, concrete construction, \$30,000. Engineer, City Engineer, Fresno. Owners, City of Fresno. The City Engineer is preparing plans for two subways each 15 feet in the clear to be built across the Southern Pacific tracks at Monterey street. Bids will be called for shortly.

SAN FRANCISCO—Pier, timber and concrete construction. Cost not stated. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Bids will be opened by the State Board of Harbor Commissioners on July 2nd for the construction of Pier No. 35. Plans and specifications can be secured from the State Board of Harbor Commissioners, Ferry Bldg., S. F.

SAUSALITO, MARIN CO., CAL.—Bridge, reinforced concrete. Cost not stated. Engineer, Constructing Quartermaster's Office, Fort Mason. Bids are now being taken for a reinforced concrete bridge to be erected at the entrance to Fort Baker. The cost will be divided between the War Department and the town of Sausalito.

Contracts Awarded.

DRYDEN, WASH.—Bridge, steel and concrete, \$24,965. Engineer, County Surveyor, Wenatchee. Owners, Chelan County. Contractors, Bailey & O'Connor, care of County Engineer, Wenatchee. Contract price, \$24,965.

COURT HOUSES.

OAKLAND, CAL.—Municipal auditorium, 2 story and base. Class A construction, \$1,000,000. Architects, Palmer & Hornbostel, New York. Owners, City of Oakland. Bids will be called for within two weeks for the sheet metal work including a number of large skylights.

CHURCHES.

DIXON, SOLANO CO., CAL.—Church. 1 story and base, frame and plaster, \$18,000. Architect, John J. Foley, 41 Kearny street, S. F. Owners, Roman Catholic Church of Dixon. The building has been designed in the Mission style and will contain a main auditorium and Sunday school rooms. Interior finish will be of pine and red-

wood with ornamental plaster in the main auditorium. There will be a central heating system, probably warm air. Art glass and marble are specified. Exterior of the building will be covered with cement plaster on metal lath. Bids have been taken and a contract will be awarded shortly.

UKIAH, MENDOCINO CO., CAL.—Church, 1 story and base, frame and plaster, \$10,000. Architect, John J. Foley, 46 Kearny street, S. F. Owners, Roman Catholic Church of Ukiah. The building will be arranged for a main auditorium and Sunday school rooms. Interior finish will be of pine with some ornamental plaster in the auditorium. A central heating system will be installed. Art glass windows will be used. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

STOCKTON, SAN JOAQUIN CO., CAL.—Church, 2 story and base, frame and concrete, \$25,000. Architect, John J. Foley, 46 Kearny street, S. F. Owners, St. Gertrude's Parish. The building will be erected on a corner site and will be of concrete and frame construction. Besides the auditorium and Sunday school rooms there will be social hall and study. Interior will be finished in pine with ornamental plaster. A central heating system will be installed. Art glass and marble are specified. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Church, 2 story and base, reinforced concrete, \$200,000. Architect, John T. Comes, Washington Bldg., Pittsburgh, Pa. Owners, St. Vincent's Parish, Father Joseph S. Glass. The building will be erected at the corner of Figueroa and West Adams streets, and will cover a large area. Construction will be practically fireproof throughout. Interior will be finished in pine with ornamental plaster. A central heating system will be installed. Art glass windows are specified. Exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for shortly.

Contracts Awarded.

SAN FRANCISCO—Church, 1 story and base, frame and plaster, \$13,151. Architect, John J. Foley, 46 Kearny street, S. F. Owners, St. Emidius Parish. Contractors, Ward & Goodwin, 110 Jessie street, S. F. Contract price, \$13,151.

FACTORIES & WAREHOUSES.

RICHMOND, CONTRA COSTA CO., CAL.—Tank farm, 15 steel oil tanks. Contract stated, Engineer, Engineering Department Standard Oil Co., Standard Oil Bldg., S. F. Owners, Standard Oil Co. Work has been started on 15 large steel oil tanks and is progressing rapidly. The company intends to erect 100 of these tanks before the close of 1914.

FIRE HOUSES AND JAILS.

SAN FRANCISCO—Jail completion, 4 story and base, Class A construction, \$45,000. Architect, City Dept. of Architecture. Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of Public Works for the completion of the City Jail and

Emergency Hospital portions of the City and County Jail buildings show T. W. McClenahan low at \$29,200. He will probably be awarded the contract.

FLATS.

SAN FRANCISCO—Flat alteration and addition, 2 story, frame. Cost not stated. Architect, Carl Geiffuss, 46 Kearny street, S. F. Owner's name withheld. The building located on Mission street between 19th and 20th streets will undergo alteration and addition. The front will be arranged for stores and a one-story addition will be constructed in the rear which will contain living rooms. The work will require new plastering, interior finish, electric work, painting and plumbing. Considerable marble wainscoting will be used in the store. Plans are complete and figures are being taken.

SAN FRANCISCO—Flat alterations, 3, 3 story and base, frame, \$3,500 to \$10,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners' names withheld. These three buildings are all located in the Western Addition. They will be altered from flats into apartments of two and three rooms. There will be new plumbing, electric work, painting, interior finish and plastering. Wall beds will be installed. Exteriors will also be altered and will require cement plaster on metal lath. Plans are being prepared and will go out for figures shortly.

SAN FRANCISCO—Flats, 3 story and base, frame, \$7,000. Architect, none. Owner, Frank de Custon, Mountain View. The building will be erected at the southwest corner of Clement and 3rd avenue, covering an area of 30 by 60 feet. The first floor will contain a store. Upper floors will be arranged for five modern flats. Interiors will be finished in pine and redwood with some oak floors. There will be open fire places and tile mantels. Entrance will be finished in tile and marble. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Flats, 3 story and base, frame, \$12,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, J. Eric Johanson, 110 Jessie street, S. F. The building will be erected on Franklin street near Sacramento and has been designed to contain six modern flats. Plans are complete and the work will be done by Day Labor.

GARAGES.

SAN FRANCISCO—Garage, 1 story and base, Class A construction, \$25,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners, Bishop Estate. The building will be erected on Jackson street near Van Ness avenue, covering an area of 92½ by 127½ feet. Construction will be fireproof throughout with a complete steel frame, steel roof trusses and brick walls. A cement floor will be used. Interior finish will be of pine throughout. Plans provide for metal window sash and frames. Besides the storage space there will be a large and complete equipped machine shop. Exterior of the building will be faced with cement plaster in imitation of cut stone. Plans are complete and figures are being taken.

GOVERNMENT WORK AND SUPPLIES.

San Francisco Public Building, Light Pictures.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for installing lighting fixtures in the U. S. public building at San Francisco, Cal., under the fixed cost of \$10,000, competition based on time of completion:

Home Light Co. of America, New York City, July 15, 1913.

Cassidy & Son Manufacturing Co., New York City, July 15, 1913.

Sterling Bronze Co., New York City, June 1, 1913.

David J. Braun Manufacturing Co., Chicago, Ill., May 1, 1913.

H. W. Johns-Manville Co., New York City, Jan. 2, 1913.

Reading Chandelier Works, Reading, Pa., March 1, 1913.

The Enos & Watkins Co., New York City, Jan. 15, 1913.

Three-Mile Diversion Works.

Schedule of bids for Tree-Mile Falls diversion works, Umatilla reclamation project, Oregon, opened at Hermiston, Ore.:

Bid 1. The J. H. Tillman Co., Portland, Ore.

Bid 2. Bates & Rogers Construction Co., Spokane, Wash.

Bid 3. Morrison - Knudsen Co., Boise, Idaho.

Bid 4. Jacobsen-Bade Co., Portland, Ore.

Bid 5. The Graft Construction Co., Seattle, Wash.

Bid 6. Chamberlain Construction Co., Seattle, Wash.

Bid 7. Hellance Construction Co., Portland, Ore.

Bid 8. Andrus & Bode, Portland, Ore.

Bid 9. Pacific Bridge Co., Portland, Ore.

Bid 10. Newport Land and Construction Co., Hermiston, Ore.

Item 1. 1,100 cu yds excavation, class A—Bid 1, \$3; 2, \$2.50; 3, \$2; 4, \$3; 5, \$1.75; 6, \$2.40; 7, \$4; 8, \$3.75; 9, \$3.25; 10, \$3.05.

2. 1,100 cu yds excavation, class B—Bid 1, 50c; 2, 50c; 3, 65c; 4, 70c; 5, 45c; 6, 75c; 7, \$1; 8, 75c; 9, \$1; 10, 50c.

3. 2,600 cu yds concrete—Bid 1, \$17.23; 2, \$9.75; 3, \$9.75; 4, \$12.28; 5, \$8; 6, \$10.65; 7, \$10.50; 8, \$11.25; 9, \$10.44; 10, \$9.90.

4. 200 cu yds embankment backfill—Bid 1, 40c; 2, 25c; 3, 50c; 4, \$1.50; 5, 45c; 6, 80c; 7, 40c; 8, 60c; 9, 60c; 10, 75c.

5. 125 cu yds paving—Bid 1, \$6; 2, \$1.75; 3, \$4; 4, \$3; 5, \$2; 6, \$7.30; 7, \$3.25; 8, \$4; 9, \$4; 10, \$2.75.

6. Handling, placing, etc., 36,000 lbs reinforcing—Bid 1, 0.5c; 2, 2c; 3, 2.5c; 4, 2c; 5, 1c; 6, 1.5c; 7, 1.55c; 8, 3c; 9, 2.5c; 10, 1.5c.

7. Handling water—Bid 1, \$1.250; 2, \$1.510; 3, \$900; 4, \$2,000; 5, \$9,925; 6, \$689; 7, \$2,400; 8, \$3,500; 9, \$1,500; 10, \$1,499.

Totals—Bid 1, \$52,708; 2, \$32,648.75; 3, \$31,865; 4, \$41,193; 5, \$34,895; 6, \$34,955.50; 7, \$38,536.25; 8, \$40,650; 9, \$36,789; 10, \$34,007.75.

Pearl Harbor Dock.

Complete reversal of the Navy Department's policy in the construction of the dry dock at Pearl Harbor, Hawaii, has been decided upon through the appointment of a special board of engineers to submit estimates for the completion of the work under the plans of Civil Engineer Alfred Noble of New York. From these estimates the de-

partment will decide whether to proceed with the work under contract or handle the dry dock construction itself. The members of the board are Civil Engineers L. M. Cox and F. R. Harris, U. S. Navy, the former stationed at the Norfolk navy yard and the other at the New York yard. They have been instructed to take up the work at once and complete it with the utmost dispatch, in order that construction along the new lines may be begun at the earliest possible date.

Work on the Pearl Harbor dock had proceeded satisfactorily under the government's contract with the San Francisco Bridge Company until February 17, 1913, when the entire concrete floor of the structure was lifted by a tremendous subsurface pressure. At that time the contractors complained to the Navy Department that the plans of the dock were not suited to the conditions as they had developed. At their request an expert on the foundation conditions was sent to Hawaii, Engineer Noble being selected. His report was to the effect that the plans should be changed to meet with conditions that had developed.

Two weeks ago the contractors were ordered to proceed with the work on the first piers, but this order was revoked by the new decision. The total contract for the dock, which will be 1,000 feet long, involves approximately \$2,200,000, a large part of which had been expended when the floor became raised a year ago.

Phoenix Indian School, Industrial Building.

The following bids were received by the Commissioner of Indian Affairs, Washington, D. C., for the construction of a brick industrial building at the Phoenix Indian School, Ariz.:

Joe Prasecki, San Francisco, Cal., \$17,461; if Keene cement is substituted for composition wainscoting, \$17,200; 180 days.

Charles H. Odum, Phoenix, Ariz., \$20,421; for substituting Keene cement, \$19,561; 180 days.

The M. P. Olson Construction Co., Phoenix, Ariz., \$20,500; substituting Keene cement, \$20,100.

W. D. Lovell, Minneapolis, Minn., \$20,910; substituting Keene cement, deduct \$200; 210 days.

Mare Island, Cal., Reinforcement for Dike.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for reinforcement for dike No. 12 at the navy yard, Mare Island, Vallejo, Cal.:

Item 1, for furnishing material and installing reinforcement on dike 12 as shown by sections A and B, complete. In accordance with plan K-208 and specification; 2, price per pile for driving and securing brace piles complete, as shown on section C, plan K-208 and as described, using creosoted piles; 3, price per pile for driving and securing brace piles, using creosoted piles.

The Thomson Bridge Co., San Francisco, Cal., item 1, \$29,837; 2, \$68; 3, \$38.

Healy-Tibbets Construction Co., San Francisco, Cal., item 1, \$30,123; 2, \$80; 3, \$44.

Hay-Harjes & Co., San Francisco, Cal., item 1, \$31,300; 2, \$79; 3, \$40.

Mervy Elwell Co., Oakland, Cal., item 1, \$36,420; 2, \$86; 3, \$46.

Sacramento, Cal., Repairs, Etc.

The contract for miscellaneous repairs, alterations, and painting in the U. S. post office at Sacramento, Cal., has been awarded to W. B. Bohl at \$2,226.

Steel, Philippine Islands

Bids for steel forgings for Philippine Islands were received by S. W. Roessler, col. of engrs., U. S. Army, New York, N. Y., as follows:

Midvale Steel Co., Box 1606, Philadelphia, Pa., \$29,780.

Erle Forge Co., Erie, Pa., \$76,389.05.

Bethlehem Steel Co., South Bethlehem, Pa., \$29,873.

Metal Flumes.

The U. S. reclamation service is asking for proposals for furnishing about 1,766 linear feet of metal flumes of various diameters ranging from 5 feet 9 inches to 11 feet 6 inches to be used on the Milk river irrigation project, Montana. Bids will be opened after 2 o'clock p. m., July 1, 1914, at the office of the reclamation service, Great Falls, Mont.

Presidio, San Francisco, Crematory.

The contract for the construction of a crematory at the Presidio of San Francisco has been awarded to John H. Flee, care of the depot quartermaster, San Francisco, at \$4,000.

New Engineer, Reclamation Service.

D. C. Henny, consulting engineer in the reclamation service, with headquarters at Portland, Ore., has been designated as acting chief engineer during the absence of Chief Engineer A. P. Davis. Mr. Davis has been granted four months' leave of absence by Secretary Lane and will devote this period as a member of the Red Cross board of engineers in making an investigation of the feasibility of controlling the floods of the Huia river, in China. Mr. Henny has been in charge of construction of several important projects and as consulting engineer has become familiar with all the large engineering features of the reclamation work in the west.

HOSPITALS

ELDRIDGE, SONOMA CO., CAL.—Hospital cottage, 1 story and base, concrete, \$18,000. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Plans are being taken for the construction of a cottage for epileptics at the Sonoma State Home. Construction will be of reinforced concrete. Interior finish will be of pine. There will be a central heating system. Exterior of the building will be faced with cement plaster. Bids will be opened on July 21st. An official proposal appears in another column of this issue. Plans and specifications can be secured from the State Department of Engineering, Sacramento.

PATTON, SAN BERNARDINO CO., CAL.—Hospital laundry, 1 story and base, concrete, \$12,000. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids will be opened on July 22nd for a new laundry building at the Southern California Hospital at Patton. Special machinery will be installed. Exterior will be faced with cement plaster. Plans can be secured

from the State Department of Engineering. An official proposal appears in another column of this issue.

HOTELS.

OAKLAND, CAL.—Hotels, 2, 7 story and base, brick and steel, \$50,000 each. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, A. C. Aiken. These buildings will be erected on adjoining property at the corner of 15th and Jefferson streets. There will be stores on the first floor besides the hotel office and lobby. Upper floors will be arranged for a large number of guest rooms, a large percentage of which will have connecting baths. Interiors will be finished in pine throughout. Some ornamental plaster will be used in the offices and lobbies. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will have tile wainscot and composition floors. Interiors will be faced with pressed brick. Plans are complete and P. A. Muller, Syndicate Bldg., Oakland, is now taking segregated figures on the work.

SEATTLE, WASH.—Hotel, 4 story and base, brick and mill construction, \$75,000. Architect, A. Wickersham, Lyon Bldg., Seattle. Owners, Yesler Estate. The building will be designed to contain one store on the first floor besides the hotel office and lobby, and will cover an area of 78 by 167 by 174 feet. Upper floors will contain in the neighborhood of 140 guest rooms and a number of public baths. Plans provide for steam heat, elevator service and a hot water supply. Interior finish will be of pine throughout. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken for the general construction which will include everything.

LOS ANGELES, CAL.—Hotel addition, 4 story and base, brick. Cost not stated. Architect, Antone Reif, Higgins Bldg., L. A. Owner, John Orth. The building will be erected on San Pedro street between 3rd and 4th, and will cover an area of 36 by 75 feet. Interior will be finished in pine. Plans provide for steam heat and a hot water supply. Two baths will be located on each floor. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

LOS ANGELES, CAL.—Hotel, 12 story and base, Class A construction. Cost not stated. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Rindge Estate. The building will be erected at the northeast corner of Broadway and 3rd street, and is being promoted by the Central Business Stability Association. Construction will be fireproof through out. Details have not been perfected and further mention will be made of the work.

Contracts Awarded.

POINT REYES, MARIN CO., CAL.—Hotel, 2 story and base, brick, \$50,000. Architect's name not given. Owner, Mr. Grandt, Contractor, Stewart Scott, Petaluma Contract price, \$50,000. Note: The building will cover a ground area of 100 by 120 feet.

LIBRARIES.

SAN ANSELMO, MARIN CO., CAL.—Library, 1 story and base, reinforced concrete. Cost not stated. Architect's

name not given. Owners, Town of San Anselmo. Bids opened for the construction of this building show Fred Field low at \$9,000. He will probably be awarded the contract. Bids ran as high as \$10,500.

PANAMA-PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Press building, 2 story, frame and plaster, \$22,000. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids opened for this work show Neil A. McLean, Chronicle Bldg., low at \$22,000. He will probably be awarded the contract. A complete list of the figures submitted will be found under the heading of San Francisco in this issue.

SAN FRANCISCO—Ferry building, 1 story, frame and steel, \$42,200. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids opened for the construction of a Ferry building on the Exposition Grounds show Strehlow, Freese & Peterson low at \$42,200. They will probably be awarded the contract. A complete list of the figures received will be found under the heading of San Francisco in this issue.

SAN FRANCISCO—Court of the Universe, frame and plaster construction. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans have been completed and figures are now being taken for the construction of one of the few remaining buildings outside of the various state exhibit buildings and concession buildings at the 1915 Exposition. Bids for the construction of the Court of the Universe will be opened on June 30th. An official proposal appears in another column of this issue. Plans and specifications can be secured from the Director of Works.

SAN FRANCISCO—State exhibit building, 1 and 2 story, frame and plaster. Cost not stated. Architects, Cannon & Fetzner, Salt Lake. Owners, State of Utah. Bids opened on June 18th for this work show the Northwest Construction Co., Merchants Exchange Bldg., S. F., low at \$12,400. The bid does not include all work. An award of contract has not been made. Further mention will be made of the work. A complete list of the figures received will be found under the heading of San Francisco in this issue.

SAN FRANCISCO—State exhibit building, 2 story, frame and plaster. Cost not stated. Architects, Cannon & Fetzner, Salt Lake City. Owners, State of Utah. A telegram has been received from the architects stating that the bid of the Northwest Construction Co. of \$12,400 for this work should have read \$15,902.

Contracts Awarded.

SAN FRANCISCO—State exhibit building, 2 story, frame and plaster, \$28,000. Architect's name not given. Owners, State of Nevada. Contractor, Alfred S. Gough, Godfield, Nev. Contract price, \$23,000. Note: The two lowest bidders on this work were disqualified.

POST OFFICES.

HANFORD, KINGS CO., CAL.—Post office, 2 story and base, brick and stone, \$52,000. Architect, Supervising Archi-

tect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids opened for the construction of the new Federal Building at Hanford show Frank Gallagher of San Francisco low at \$52,990 for limestone and \$52,750 for sandstone. He will probably be awarded the contract. A complete list of the bids received will be found under the heading of Fresno, Modesto and Central California in this issue.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO—Passenger station and trackage, 2 story and base, frame and concrete construction, \$150,000. Architect, Engineering Dept. Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. The Southern Pacific Co. has started the construction of the new Third and Townsend streets station, which when completed, with the new trackage system will cost over \$1,000,000. The new station will cover an area of 260 by 112 feet and is a fine example of the Mission style of architecture. Construction will be of reinforced concrete with the exterior faced with cement plaster. A red clay tile roof will be used. The new trackage system will greatly increase the present crowded facilities and when completed will give the Southern Pacific one of the finest railroad terminals in the West. Most of the work will be done by Day Labor.

Contracts Awarded.

SAN FRANCISCO—Railroad construction, \$27,802. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. Contractors, Contra Costa Construction Co., S. F. Contract price, \$27,802.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, brick and plaster, \$16,000. Architect, Louis Upton, 111 Ellis street. S. F. Owner, J. O. Gantner. The dwelling will be erected at the northwest corner of Baker and Vallejo streets, and has been designed for a ten-room house with several baths and sleeping porch. Interior will be finished in pine and hardwoods with hardwood and inlaid floors in the principal rooms. Plans provide for a central heating system and open fire places. Mantels will be of tile and brick. Automatic water heaters will be installed. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the house will be covered with cement plaster. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 1½ story and base, frame, \$2,000. Architect, none. Owners, United States Building, Realty and Investment Co., Crocker Bldg., S. F. The dwelling has been designed for a five-room house and will be erected on Curtis street south of Ralph. Interior finish will be of pine and redwood with some oak floors. There will be an open fire place and tile mantel. Bath room and kitchen will be finished in tile. Exterior of the dwelling will be covered with rustic shingles and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base. Class A construction, \$150,-

000. Architect, Charles Peter Weeks. Mutual Bank Bldg., S. F. Owner, Mary L. Eichen. The dwelling, which will be one of the handsomest as well as the most costly homes in San Francisco, will be erected on the north side of Washington street west of Octavia. There will be a complete steel frame, brick exterior walls and hollow tile interior partitions. Interior finish will be of hardwoods throughout. Hardwood and inlaid floors will be used in the principal rooms. There will be a central heating system, either steam or hot water. Open fire places and tile and marble mantels will be used in the principal rooms. Plans provide for elevator service, a vacuum cleaning system and other modern conveniences. All bath rooms will be finished in tile. Ornamental iron grilles are specified. Exterior of the dwelling will be faced with pressed brick and terra cotta. Plans are nearly complete and figure will be called for within two or three weeks. Further mention will be made of the work.

SAN FRANCISCO—Bungalow, 1½ story and base, frame, \$2,000. Architect, O. E. Evans, 2367 Mission street, S. F. Owner, B. S. Berry. The dwelling will be erected on London street south of Amazon, and has been designed to contain five rooms and bath. Interior finish will be of pine and redwood. Some oak floors will be used. There will be a large open fire place in the living room. Mantel will be of tile. The wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, A. T. Morris, 616 7th avenue, S. F. The house will be erected at the corner of Anza and 11th avenue, and has been designed to contain six rooms and bath. Interior finish will be largely of pine with some elm panels and beam ceilings. Hardwood floors will be used in the living room and dining room. There will be a large open fire place and tile mantel. Bath room will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$1,000. Architect, none. Owner, Walter H. Creighton, 1414 Broadway, Oakland. The dwelling will be erected at the corner of Manor Drive and Holly Place, and has been designed for an eight-room house with baths and sleeping porch. Interior finish will be of pine and hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Bath rooms will have tile wainscot and be installed. Exterior of the house will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, H. F. Jackson. The dwelling will

be erected in the Crocker Highlands, and has been designed for an eight-room house with two baths and sleeping porch. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will be finished in tile and equipped with showers. Exterior of the dwelling will be covered with cement plaster on metal lath. Preliminary sketches only have been prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Lloyd A. Rally, 1721 Sonoma avenue, Berkeley. Owner, W. W. Johnson. The dwelling has been designed for a seven-room house with bath and sleeping porch and will be erected in Claremont. Interior finish will be of pine throughout. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Julia Morgan, Merchants' Exchange Bldg., S. F. Owner, A. F. Hockbeamer. The dwelling will be erected on a large lot, and has been designed to contain eight rooms and bath. A garage will also be erected on the rear of the property. Interior will be finished in pine and hardwood veneer. Oak and inlaid floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, J. M. Parks. The dwelling will be erected in the Claremont Tract, and has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine with some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures have been taken and are now under advisement.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$6,000. Architect, Julia Morgan, Merchants' Exchange Bldg., S. F. Owner, William Olney. The dwelling will be erected in the Claremont Tract, and has been designed to contain eight rooms, bath and sleeping porch. Pine and hardwood veneer will be used for interior finish. There will be hardwood floors and beam ceilings. Plans

provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and floors and will be equipped with showers. Exterior of the dwelling will be covered with cement plaster on metal lath. An automatic water heater will be installed. Plans are complete and figures are being taken.

STOCKTON, SAN JOAQUIN CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Walter King, Elks' Bldg., Stockton. Owner, W. H. Bennett. The dwelling will be erected at the northwest corner of Flora and Sutter streets, and has been designed for a seven-room house with bath. Pine and redwood will be used for interior finish. There will be some hardwood floors. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room and kitchen will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

STOCKTON, SAN JOAQUIN CO., CAL.—Residence, 1 and 2 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Stockton: Martino Oneto, 435 North Stanislaus, 1 story, five-room, \$1,500; Mrs. Bona, 846 East Washington, 2 story, frame, six-room, \$2,200; Robert A. Melton, 1123 North Commerce, 1 story, frame, \$1,000.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, Joseph A. Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co. The dwelling has been designed for an eight-room house with bath and sleeping porch. Interior finish will be of pine with some elm panels and hardwood floors. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architect, none. Owner, James Welsh, 244 20th avenue, S. F. The dwelling has been designed to contain seven rooms and bath and will be erected on the east side of 22nd avenue near Lake street. Pine and redwood finish with some hardwood floors will be used. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$10,000. Architects, Righetti & Headman, Phelan Bldg., S. F. Owner, Laura S. Nathan. The dwelling will be erected on Jones near Glover, and has been designed to contain twelve rooms and six baths. Interior finish will be of pine and oak with hardwood floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster. Plans are complete and figures are being taken.

SAN GABRIEL, LOS ANGELES CO.,

CAL.—Residence, 2 story and base, frame and hollow tile. Cost not stated. Architects, Allison & Allison, Hibernian Bldg., L. A. Owner, David Rooney. The dwelling will contain ten rooms, three baths and sleeping porches. Interior finish will be largely of hardwood with hardwood and inlaid floors. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the house will be faced with cement plaster. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 1½ story and base, frame, \$2,000. Architect, none. Owner, P. W. Montrouil, 270 Andover street, S. F. The house has been designed for a six-room dwelling and will be erected on Sears street. Interior will be finished in pine. There will be open fire place and tile mantel. Exterior will be covered with rustic and cement plaster. The work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, C. E. Carlson, 1512 Grove street, Oakland. The dwelling will contain six rooms and bath and will be erected on Thomas street west of Napa. Interior finish will be of pine. Some oak floors will be used. There will be furnace heat and open fire places. Mantels will be of tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, Claude B. Barton, First Trust and Savings Bank Bldg., Oakland. Owner's name withheld. The dwelling will be erected in Thousand Oaks Tract, and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine. There will be oak floors and tile bath rooms. Furnace heat and open fire places will be used. Mantels will be of tile. Exterior will be covered with cement plaster on metal lath. Plans are being prepared.

SCHOOLS.

SAN FRANCISCO—School lathing and furring. Cost not stated. Architect, City Dept. of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans have been completed for the furring and lathing in the Academic Building of the Polytechnic group. Bids will be opened by the Board of Public Works on July 1st. Plans and specifications can be secured from the Architecture Department. An official proposal appears in another column of this issue.

MODESTO, STANISLAUS CO., CAL.—School, 1 story, frame, \$4,500. Architect, Joseph Losekann, San Joaquin Bldg., Stockton. Owners, City of Modesto. The building has been designed for an open air school and will contain two class rooms. Interior finish will be of pine throughout. Exterior of the building will be covered with rustic. Plans are now being prepared.

PORTLAND, ORE.—School, 2 story and base, brick, \$30,000. Architect, F. A. Naramore, superintendent of properties, Portland. Owners, City of Portland. The building will be erected in Fulton Park and has been designed for an eight-room school with office and

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assembly hall. Interior finish will be of pine with maple floors in the class rooms. There will be steam heat. Composition blackboards are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Plans and specifications can be secured from the Supt. of Properties office in the Court House, Portland.

OAKLAND, CAL.—School plumbing, 3 buildings. Cost not stated. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owner, City of Oakland. Bids were opened at the last meeting of the Oakland Board of Education for rough and finish plumbing in the Emerson, Garfield and Manual Training Schools. Carl Duell submitted the lowest bid for the work in the Emerson school at \$2,024; James Rankin & Son were low for the Garfield school work at \$3,734.85, and W. S. Snook & Co. low on the work at the Manual Training school at \$2,610. A complete list of the bids will be found under the heading of Oakland and Alameda County in this issue.

OAKLAND, CAL.—College building, 3 story and base, reinforced concrete, \$10,000. Architect, Frederick D. Boese, 45 Kearny street, S. F. Owners, California Concordia College. The building will occupy the center of a four-acre tract and itself will cover an area of 195 by 111 feet. Interior has been arranged for class rooms, assembly hall and dormitories. Pine and hardwood finish will be used. There will be steam heat and modern school plumbing. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—School gymnasium, 2 story and base, reinforced concrete, \$25,000. Architect, State Architect George B. McDougall, Sacramento. Owners, California School for the Deaf and Blind. Plans are complete and figures are now being taken for a gymnasium building at the School for the Deaf and Blind. Plans and specifications can be secured from the State Department of Engineering. An official proposal appears in another column of this issue. Bids will be opened on July 20th.

STOCKTON, SAN JOAQUIN CO., CAL. School, 2 story and base, brick, \$75,000. Architects, Stone & Wright, 24 South California street, Stockton. Owners, City of Stockton. Plans have been approved by the Board of Education for a new building on Sacramento Road. There will be twelve class rooms, assembly hall and manual training department. Interior finish will be of pine throughout with maple floors in the class rooms. There will be steam heat, oil burning equipment and modern school plumbing. Exterior of the building will be faced with red pressed brick. Plans are now being completed.

FRESNO, FRESNO CO., CAL.—School addition, 1 story, brick and concrete. Cost not stated. Architect, W. D. Coates, Rowell Bldg., Fresno. Owners, City of Fresno. Plans are complete

and bids are now being taken for an addition to the shop building of the present Fresno High School. Plans and specifications can be secured from the architect. Bids will be opened on July 2nd.

LOS ANGELES, CAL.—Girls school, 2 story and base, brick, \$60,000. Architects, Austin & Pennell, Wright & Callender Bldg., L. A. Owners, Marborough School for Girls. The building will cover an area of 156 by 170 feet and will contain all modern improvements. Interior finish will be of pine with some maple floors. Steam heat is specified. Exterior of the building will be faced with pressed brick. Plans are being prepared.

BAKERSFIELD, KERN CO., CAL.—School addition, 2 story and base, brick, \$80,000. Architect, Orville L. Clark, Bower Bldg., Bakersfield. Owners, Kern County High School District. Plans are being prepared for a two-story addition to the Kern County High School. Plans are nearly complete and bids will be called for shortly. Further mention will be made of the work.

LINDSAY, TULARE CO., CAL.—School, 2 story and base, brick, \$15,000. Architect, F. W. Griffin, Visalia. Owners, Lindsay School District. The building will contain eight class rooms, assembly hall and office. Interior finish will be of pine. There will be a steam heating system, oil burning equipment and modern school plumbing. Exterior will be faced with pressed brick. Plans are being prepared.

Contracts Awarded.

BUCKLEY, WASH.—Schools, 2, 1 story and base, brick, \$33,619. Architect, C. Teague, Hoge Bldg., Seattle. Owners, Buckley School District. Contractor, John Buehs, Buckley. Contract price, \$33,619.

NORTH VANCOUVER, B. C.—School, 2 story and base, brick and reinforced concrete, \$116,112. Architect, W. C. F. Gillam, Northwest Trust Bldg., Vancouver. B. C. Owners, Central High School District of North Vancouver. B. C. Contractors, W. J. Smith, Ltd., 602 Hastings, West Vancouver. Contract price, \$116,112.

STOCKTON, SAN JOAQUIN CO., CAL.—School, 1 story and base, brick, \$25,000. Architects, Stone & Wright, 24 South California street, Stockton. Owners, City of Stockton. Contractors, Chirhardt & Nystedt, 307 West Poplar street, Stockton, general construction. Contract price, \$22,098. Bids were also opened at the same meeting of the Board of Education for plumbing, heating and ventilating and oil burning equipment for a number of Stockton schools. A complete list of the bids will be found under the heading of Sacramento, Stockton and Northern California in this issue.

SEWERS, STREET WORK AND WATER SYSTEMS.

SAN RAFAEL, MARIN CO., CAL.—Sewer work, manholes, etc. Cost not stated. Engineer, City Engineer, San

Rafael. Owners, City of San Rafael. Plans have been completed and bids will be opened on June 29th for sewer work in the town of San Rafael. The work will require approximately the following quantities: 41 brick or concrete manholes, 16 lampholes, with 6 inch pipe, 397 feet 12 inch pipe, 124 feet 10 inch pipe, 210 feet 8 inch and 850 feet 6 inch. Plans and specifications can be secured from the City Clerk, Eugene W. Smith. An official proposal appears in another column of this issue.

FRESNO, FRESNO CO., CAL.—Heater and mixer. Cost not stated. Engineer, City Engineer, Fresno. Owners, City of Fresno. Bids are now being called for and will be opened on July 6th for a combined heater and mixer for bituminous road materials. Full particulars can be secured from the City Clerk.

SAN RAFAEL, MARIN CO., CAL.—Water tower and steel tank. Cost not stated. Engineer, City Engineer, San Rafael. Owners, City of San Rafael. Plans are complete and figures will be opened on June 29th by the City Council for constructing a water tower and steel tank. Tank will have a capacity of 60,000 gallons. Plans and specifications can be secured from the City Engineer or the City Clerk.

CALIFORNIA—State Highway work. Cost not stated. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids will be opened on July 6th for highway work in the following counties: Tehama, Yolo, Santa Cruz, Santa Barbara and San Benito. In the afternoon of the same day bids will be opened for highway work in Shasta, San Luis Obispo, Kern, Ventura and San Diego Counties. Full particulars of the work can be secured from the Highway Commission.

Contracts Awarded.

SAN FRANCISCO—Water system addition. Cost not stated. Engineer, Constructing Quartermaster, Fort Mason. Owner, United States Government. Contractor, R. C. Gorrill, S. F. Contract price, \$1,230.

FRESNO, FRESNO CO., CAL.—Electroliers, \$45,000. Engineer, City Engineer, Fresno. Owners, City of Fresno. Contractors, Ne Page & McKinley Co., Seattle. Contract price, \$45,000.

STORES & OFFICE BUILDINGS

OAKLAND, CAL.—Stores, 1 story and base, brick, \$5,000. Architect, none. Owner, George Gruge, 1171 14th street, Oakland. The building will be erected on East 14th street west of 36th avenue, and has been designed to contain three modern stores. Interiors will be finished in pine throughout. Plate glass windows and patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Offices, 3 story and base, Class C construction, \$50,000. Architects, Milwain Bros., Delger Bldg., Oakland. Owners, San Francisco-Oakland and Terminal Railroads. This work has been mentioned here a number of times before when the architects were first commissioned to prepare plans. The building will be erected at the corner of 22nd and Grove streets and will be used as an administration building by the owners. Interior finish will be of pine with some

hardwood veneer. There will be steam heat and a hot water supply. Special fireproof vaults will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken.

ATASCADERO, SAN LUIS OBISPO CO., CAL.—Administration building cost not stated. Architects, Bliss & Faville, Balboa Bldg., S. F. Owners, Atascadero Colony. Plans have been completed and figures are now being taken for the main administration building which is to be erected at the Atascadero Colony in San Luis Obispo County for the Atascadero Community, a company promoted by Lewis, of University City fame and publisher of the Women's World. It is the intention of the company to build a complete city with warehouses, cold storage plant, ice making plant, factories, packing houses, stores, hotel and life apartments. The company holds several thousand acres of rich farm lands which are all under option and which will be farmed under the scientific direction of the best authorities in California. The administration building will be three stories high, of reinforced concrete construction and will cost over \$100,000. Excavation and foundation work have been completed and figures are being taken on other parts of the work. Work is progressing rapidly on plans for the other buildings and contracts will be let shortly.

SAN FRANCISCO—Bakery, 1 story and base, brick, \$4,000. Architect, none. Owner, J. G. Harney, Pacific Bldg. The building will be erected on the south side of 20th street east of Valencia. Interior will be finished in pine with some terra cotta tile. There will be patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Store, 1 story, frame, \$50,000. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner, G. L. Kibbe. The building will be erected at the corner of Redwood Road and Hopkins street, and has been designed to contain five small stores. Interiors will be finished in pine throughout. Patent store fronts will be faced with cement plaster on metal lath. Plans are complete and figures are being taken.

RICHMOND, CONTRA COSTA CO., CAL.—Stores and offices, 2 story and base brick. Cost not stated. Architect, J. B. Oghorn, Richmond. Owners, Charles J. Cray and M. Heinzen. The building will be erected on Macdonald avenue near 9th, and will cover an area of 50 by 80 feet. There will be four stores on the first floor. Upper floor will be arranged for offices. Interior finish will be of pine throughout. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

SAN FRANCISCO—Stores and offices 5 story and base, brick and steel \$50,000. Architect's name not given. Owner, Mrs. W. K. Vandellbilt Jr., Contractor, J. H. Hjul, Merchants Exchange Bldg., S. F. Contract price, \$50,000.

SEALED PROPOSALS.

PROPOSALS FOR TURBINE.

TURBINE—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. Reclamation Service, Los Angeles, Cal., until 2 o'clock p. m. July 14, 1914, for furnishing a variable head turbine for the Salt River Project, Arizona. For particulars address U. S. Reclamation Service, 605 Federal Building, Los Angeles, Cal., or Washington, D. C. F. H. NEWELL, director.

PROPOSALS FOR METAL FLUMES.

METAL FLUMES—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Great Falls, Mont., until 2 o'clock p. m. July 14, 1914, for furnishing 1,766 linear feet of metal flumes of various dimensions ranging from 5 feet 9 inches to 11 feet 8 inches. For particulars address the United States Reclamation Service, Washington, D. C., or Great Falls, Mont. F. H. NEWELL, director.

PROPOSALS FOR BRIDGE WORK.

NOTICE is hereby given that sealed proposals or bids will be received by the Board of Supervisors of Santa Clara County, California, at their rooms in the Court House in the City of San Jose up to 11 o'clock a. m. of Monday, July 20, 1914, for the construction of a reinforced concrete extension to the bridge over Llagas Creek on San Martin avenue in accordance with plans and specifications on file in the chambers of the Board of Supervisors.

Each bid must be accompanied by a certified check in the sum of ten per cent of the amount bid, drawn upon some reliable bank in favor of Henry A. Pfister, County Clerk, as liquidated damages in case the successful bidder fails to file a satisfactory bond as required by said Board within five days for the faithful performance of the conditions of the contract.

The Board reserves the right to reject any and all bids.

All bids must be addressed to Henry A. Pfister, Chairman of the Board of Supervisors of Santa Clara County, and indorsed "Bids for Extension of Bridge at San Martin Avenue."

By order of the Board of Supervisors of Santa Clara County.

Attest: HENRY A. PFISTER, Clerk.

By F. A. Schilling, Deputy Clerk.

NOTICE TO CONTRACTORS.

NOTICE is hereby given that the Board of Trustees of the City of Fresno, County of Fresno, State of California, on Monday, the 6th day of July, 1914, beginning at the hour of 8 o'clock p. m. and ending at the hour of 9 o'clock p. m. of said day, will be in session at the Council Chamber in the City Hall of said City of Fresno, for the purpose of receiving and will receive proposals or bids for the following:

A combined mixer and heater for bituminous road mixture, the same to have a capacity of approximately ten cubic feet per batch of mixed material, with approximately one-horse power engine to operate the mixer, and with approximately a twelve horsepower boiler for heating and mixing.

Bidders must submit specifications therewith for their bids.

Said bids will be opened at the hour of 10 o'clock a. m. on the 6th day of July, 1914, and all bids must be accompanied by a check certified by a responsible bank, payable to the order of the Mayor and City Clerk of said City of Fresno for an amount not less than ten per cent of the amount of the proposed contract.

The Board of Trustees reserves the right to reject any or all bids made.

The successful bidder shall within five days after the award of the contract have executed and executed a written contract therefor with said City of Fresno, for approval by the City Attorney of said City, and shall also make and execute a bond to said

City and file the same with the City Clerk in a sum not less than one-half of the total amount of said bid, which said bond shall be conditioned that said combined mixer and heater shall be delivered to said City of Fresno, in accordance with the specifications submitted therefor, within the time specified in said contract, not to exceed in any case thirty days from the date of said contract.

Dated this 9th day of June, 1914.

W. H. RYAN,
City Clerk of the City of Fresno.

NOTICE TO CONTRACTORS.

NOTICE is hereby given that the City Council of the City of San Rafael, Marin County, California, will receive up to Monday evening, June 29th, 1914, at 8 o'clock, sealed bids for the construction of pipe sewers, manholes and lamp posts on Fourth street, between avenue and B street in the City of San Rafael.

The quantities will be about as follows: 41 brick or concrete manholes with cast iron curbs and covers; 16 lamp posts with 6 inch pipes, cast iron curbs and covers; 124 feet of 12 inch sewer; 124 lineal feet of 10 inch sewer; 210 feet of 8 inch sewer, and 850 feet of 6 inch sewer.

Progress estimates will be allowed each month by the City Council for an amount equal to 75 per cent of the value of the work done during the preceding month.

Each bid shall be accompanied by check certified by a responsible bank for an amount not less than ten per cent of the aggregate of the proposal and payable to the order of the Mayor of the City of San Rafael, as a guarantee that the bidder will execute a contract for the performance of said work.

The said City Council reserves the right to accept any one of the bids received or to reject one or more of said bids.

The successful bidder must furnish full compensation insurance indemnifying the City against loss or damages by fire or death of any employee engaged in the said work.

EUGENE W. SMITH,
City Clerk.

NOTICE TO CONTRACTORS.

SEALED bids will be received by the Clerk of the Board of Supervisors of Marin County at his office until 2 o'clock p. m. of Monday, the 7th day of July, 1914, for the construction of a wooden bridge with concrete foundations to be constructed at the crossing of Mexican "Crown" network, Stations "C1" and "C2" upon the proposed new road in Road Districts Nos. 4 and 6, Marin County, California.

All in strict accordance with the plans and specifications therefor now on file in the office of the County Clerk of said County.

Each bid shall be accompanied by a certified check drawn on any responsible bank for an amount not less than ten per cent of the aggregate of the proposal and made payable to the order of the Chairman of the Board of Supervisors of Marin County as a guarantee that the bidder will enter into a contract for the performance of said work.

The Board reserves the right to reject any or all bids.

ROF E. GRAHAM,
Clerk of the Board of Supervisors.

PROPOSALS FOR REINFORCED CONCRETE BRIDGE.

OFFICE of the Clerk of the City of Napa, City Hall, Napa, California.

NOTICE is hereby given that in pursuance of an order of the City Council of the City of Napa made and entered on the 2nd day of June, 1914, plans and specifications were adopted by the City Council for building a reinforced steel and concrete bridge across Napa River where East First street crosses said river, which plans and specifications are now on file in the City Clerk's office.

And further notice is hereby given that sealed bids will be received by the undersigned at his office for constructing said bridge according to plans and specifications adopted on Thursday, July 2nd, 1914, at 7:30 a. m. No bid will be received unless accom-

paid by a certified check or certificate of deposit equal to 5 per cent of the total amount of bid, made payable to the City Clerk of the City of Napa; said check or certificate will be returned to the party or parties whose bids are not accepted, and to the party whose bid is accepted, upon his entering into a contract with said City of Napa for said work and saving such bond as the Council may hereafter determine.

Copies of plans, specifications and contract may be had upon application to the City Clerk and upon a deposit of \$10, which will be returned to applicant upon his returning said plans and other papers in good condition. Bidders shall bid only upon forms which will be furnished upon application.

The Council reserves the right to reject any and all bids.

By order of the City Council,
DAVID C. SCHRIBER,
City Clerk.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 1st day of July, 1914, for doing the following work:

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 1st day of July, 1914, for doing the following work:

Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within ten calendar days from the receipt of written notice from the Board of Public Works, and completed within one hundred twenty (120) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$5,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Board of Public Works, for an amount not less than ten per cent of the aggregate of the proposal, to be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such form.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works,
F. J. CHURCHILL,
Secretary.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at 3 p. m. July 20, 1914, for the construction, complete (including mechanical equipment, interior lighting fixtures and approaches), of the United States post office at Bozeman, Mont. Two-story and basement building, ground area 4300 square feet, partially fireproof construction, stone and brick facing and composition roof. Drawings and specifications may be obtained from the custodian of site at Bozeman, Mont., or at this office, in the office of the supervising architect, O. WENDEROTH, supervising architect.

PROPOSALS FOR GENERATOR.

GENERATOR—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. Reclamation Service, Los Angeles, Cal., until 2 o'clock p. m. July 14, 1914, for furnishing one vertical alternating-current generator for the Salt River project, Arizona. For particulars apply to the U. S. Reclamation Service, 605 Federal Building, Los Angeles, Cal., or Washington, D. C. F. H. NEWELL, director.

PROPOSALS FOR OIL SYSTEM.

OIL SYSTEM AND BURNERS—Vancouver Barracks, Washington—Sealed proposals in triplicate, will be received until 11 a. m. July 1, 1914, and then

publicly opened for installation of fuel oil distributing system and oil burners here. Information furnished on application. Envelopes containing proposals should be indorsed "Proposals for Fuel Oil for the construction of the CONSTRUCTING QUARTERMASTER."

NOTICE TO CONTRACTORS.

NOTICE IS HEREBY GIVEN that the Board of Education of the City of Fresno School District will receive sealed bids for building, constructing and making alterations and additions to the present Shop Building located on block No. 132, Fresno City (Known as High School Block) and furnishing all work and materials therefor, according to the plans and specifications, which may be seen at the office of W. D. Coates Jr., Room 626 Rowell Building, where the terms and conditions of bidding may be learned. Bids must be addressed to C. Starr, Secretary, and left at his office in the High School Building on or before 5 P. M. July 2nd, 1914, when they will be opened. The Board reserves the right to reject any or all bids.

By order of said Board of Education,
C. STARR, Secretary.

ADDITIONAL TERMS AND CONDITIONS.

All bids must be sealed and have a copy of this notice attached and be accompanied by a certified check in the sum of at least 10% of such bid, said sum to be forfeited to the undersigned in the event of the bid being accepted and the bidder failing, refusing or neglecting, within 5 days after notice of award of bid, to execute a satisfactory contract with the undersigned for the construction and completion and the furnishing of all work, labor and material necessary therefor.

PROPOSALS FOR DREDGING.

DREDGING—U. S. Engineer Office 405 Custom House, San Francisco, Cal.—Sealed proposals for dredging in San Joaquin River and Stockton Channel, California, will be received until 10 a. m. July 25, 1914, and then publicly opened. Information on application. S. A. CHENEY, major engineer.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 1st day of July, 1914, for doing the following work:

The furnishing and installing of machinery for the Municipal Asphalt Plant located at Florida street and Treat avenue.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days from the date of the contract, and completed within one hundred and twenty (120) calendar days from the date of the contract, and entered into therefor.

The amount of bond for faithful performance of contract has been fixed at \$5,000.00.

All proposals offered must be accompanied by a check, certified by a responsible bank, payable to the order of the Board of Public Works, for an amount not less than ten per cent of the aggregate of the proposal.

The amount of bond for faithful performance of contract has been fixed at \$5,000.00.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works,
RICHARD J. CLINE,
Secretary.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Treasury Department, Office of the Supervising Architect, Washington D. C.—Sealed proposals will be opened in this office at 3 p. m. June 30, 1914, for the construction complete (including mechanical equip-

ment, lighting fixtures and approaches), of a one-story basement and mezzanine stone-faced building of 8,000 square feet ground area, fireproof construction, for the United States post office at Greeley, Colo. Drawings and specifications may be obtained from the custodian at Greeley, Colo., or at this office, in the discretion of the supervising architect, C. WENDEROTH, supervising architect.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition temporary at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 900 A. M. Tuesday, June 30, 1914, for Constructing Court of the Universe, in accordance with plans and specifications on file in the office of the Director of works.

Separate proposals will be allowed on Water Piping and on Electric Wiring.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made, all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be retained upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$25.00, which amount will be refunded to the contractor submitting bona fide bids. All persons taking on plans and failing to submit bona fide bids will forfeit the deposit of Twenty-five Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.
WILLIAM H. CROCKER,
Chairman. (••)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Tuesday, July 21st, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction of a building to be known as the Cottage for Epileptics, Sonoma State House, Eldridge, Cal. Plans and specifications may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum of the bid, must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked "Envelope: Proposal for Cottage for Epileptics, Sonoma State House, Eldridge, California."
(SIGNED) W. F. McCLURE,
State Engineer. (••)

NOTICE TO CONTRACTORS.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Monday, July 22nd, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the **Gymnasium, California School for Deaf and Blind, Berkeley, California**, in accordance with the plans and specifications therefore, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Gymnasium, California, School for Deaf and Blind, Berkeley, California."

[SIGNED] W. F. McClure, State Engineer. (*)

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Wednesday, July 22nd 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the **Laundry, Southern California State Hospital, Patton, California**, in accordance with plans and specifications therefore, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Laundry, Southern California State Hospital, Patton, California."

[SIGNED] W. F. McClure, State Engineer. (*)

avenue, and has been designed to contain six rooms and bath. Interior finish will be largely of pine with some elm panels and beam ceilings. Hardwood floors will be used in the living room and dining room. There will be a large open fire place and tile mantel. Bath room will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

PRESS BUILDING—2 story, frame and plaster, \$22,000. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids opened for this work show Neil A. McLean, Chronicle Bldg., law at \$22,000. He will probably be awarded the contract. A complete list of the figures submitted will be found under the heading of San Francisco in this issue.

FERRY BUILDING—1 story, frame and steel, \$12,500. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids opened for the construction of a Ferry building on the Exposition Grounds show Strehlow, Freese & Peterson low at \$12,200. They will probably be awarded the contract. A complete list of the figures received will be found under the heading of San Francisco in this issue.

APARTMENT HOUSE—3 story and base, frame, \$12,500. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, H. Peterson, Monadnock Bldg., S. F. The building will be erected on the east side of Franklin street south of Clay, covering an area of 25 by 74 feet. The building has been arranged to contain six suites of two and three rooms. Interiors will be finished in pine with some elm panels and hardwood floors. There will be wall beds and a hot water system. Bath rooms will be finished in tile with composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$12,500. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Theo. E. Ruifs. The building will be erected on property adjoining a similar building for Mr. Peterson, and will have a frontage of 25 feet and a depth of 74 feet. There will be a total of six three-room suites with baths. Interior will be finished in pine with elm panels and hardwood floors. Plans provide for private baths and wall beds. A hot water supply will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans will be completed within a few days and segregated figures will then be called.

APARTMENT HOUSE—3 story and base, brick and steel, \$3,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, Mrs. Bradbury. The building will be erected at the northwest corner of Polk and California streets, having a frontage on Polk street of 120 feet and on California of 54 feet. There will be seven stores on the first floor and a number of two and three room suites on the upper floors. Interior finish will be of

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE—2 story and base, brick and plaster, \$16,000. San Francisco. Architect, Louis Upton, 111 Ellis street, S. F. Owner, J. O. Gantner. The dwelling will be erected at the northwest corner of Baker and Vallejo streets, and has been designed for a ten-room house with several baths and sleeping porch. Interior will be finished in pine and hardwoods with hardwood and inlaid floors in the principal rooms. Plans provide for a central heating system and open fire places. Mantels will be of tile and brick. Automatic water heaters will be installed. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the house will be covered with cement plaster. Plans are complete and figures are being taken.

RESIDENCE—1½ story and base, frame, \$2,000. San Francisco. Architect, none. Owners, United States Building, Realty and Investment Co., Crocker Bldg., S. F. The dwelling has been designed for a five-room house and will be erected on Curtis street south of Rolph. Interior finish will be of pine and redwood with some oak floors. There will be an open fire place and tile mantel. Bath room and kitchen will be finished in tile. Exterior of the dwelling will be covered with rustic, shingles and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, Class A construction, \$150,000. San Francisco. Architect, Charles Peter Weeks, Mutual Bank Bldg., S. F. Owner, Mary L. Phelan. The dwelling,

which will be one of the handsomest as well as the most costly homes in San Francisco, will be erected on the north side of Washington street west of Occidental. There will be a complete steel frame, brick exterior walls and hollow tile interior partitions. Interior finish will be of hardwoods throughout. Hardwood and inlaid floors will be used in the principal rooms. There will be a central heating system, either steam or hot water. Open fire places and tile and marble mantels will be used in the principal rooms. Plans provide for elevator service, a vacuum cleaning system and other modern conveniences. All bath rooms will be finished in tile. Ornamental iron grilles are specified. Exterior of the dwelling will be faced with pressed brick and terra cotta. Plans are nearly complete and figures will be called for within two or three weeks. Further mention will be made of the work.

BUNGALOW—1½ story and base, frame, \$2,600. San Francisco. Architect, E. Evans, 2367 Mission street, S. F. Owner, B. S. Berry. The dwelling will be erected on London street south of Amazon, and has been designed to contain five rooms and bath. Interior finish will be of pine and redwood. Some oak floors will be used. There will be a large open fire place in the living room. Mantel will be of tile. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, A. T. Morris, 616 7th avenue, S. F. The house will be erected at the corner of Anza and 11th

pine throughout. Plans provide for steam heat, a hot water system and an automatic elevator. All suites will have private bath rooms and wall beds. Bath rooms will be finished in tile with composition floors. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

APARTMENT HOUSES—2, 3 story and base, frame, \$12,000 each. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, John Johanson. These two buildings will be erected on adjoining property on the east side of Franklin street between Clay and Washington. Each has been designed to contain six apartments of three and four rooms. Interiors will be finished in pine with elm panels and hardwood floors. There will be steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Entrances will be finished in marble. Exterior of the buildings will be covered with rustic and cement plaster on metal lath. Plans are nearly complete and work will shortly be started by Day Labor.

BATH HOUSE AND SWIMMING TANK—Concrete and brick. Cost not stated. San Francisco. Architect, Frederick D. Boese, 45 Kearny street, S. F. Owners, City and County of San Francisco. Plans have been completed for a bath house and swimming tank to be erected in the playgrounds at the corner of 19th and Angelica streets. A contract for the concrete work amounting to \$8,308 will be let at once. Bids for the balance of the work will be taken by the Playground Commissioners shortly. Complete particulars can be secured from the Commissioners at their offices on the 6th floor of the Temporary City Hall.

DRY DOCK—Steel and reinforced concrete, \$1,500,000. San Francisco. Engineer, Union Iron Works, S. F. Owners, Union Iron Works, S. F. Congress has given final assurance that the Navy Department will spend at least \$50,000 annually for a dry dock in San Francisco for a period of six years. This action assures the construction of the \$2,500,000 plant of the Union Iron Works a Hunter's Point. Complete the dock will be the largest on the Pacific Coast. The Union Iron Works has assured a representative of this paper that construction will be underway inside of thirty days, and that plans will be out for figures within ten days.

JAIL COMPLETION—4 story and base, Class A construction, \$45,000. San Francisco. Architect, City Dept. of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of Public Works for the completion of the City Jail and Emergency Hospital portions of the City and County Jail buildings show T. W. McClenahan low at \$39,300. He will probably be awarded the contract.

FLAT ALTERATION AND ADDITION—2 story frame. Cost not stated. San Francisco. Architect, Carl Gellius, 46 Kearny street, S. F. Owner's name withheld. The building located on Mission street between 19th and 20th streets will undergo alteration and addition. The front will be arranged for stores, and a one-story addition will be constructed in the rear which will contain living rooms. The work will require new plastering, in-

terior finish, electric work, painting and plumbing. Considerable marble wainscoting will be used in the store. Plans are complete and figures are being taken.

FLAT ALTERATIONS—2, 3 story and base, frame, \$3,500 to \$10,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners' names withheld. These three buildings are all located in the Western Addition. They will be altered from flats into apartments of two and three rooms. There will be new plumbing, electric work, painting, interior finish and plastering. Wall beds will be installed. Exteriors will also be altered and will require cement plaster on metal lath. Plans are being prepared and will go out for figures shortly.

FLATS—2 story and base, frame, \$7,000. San Francisco. Architect, none. Owner, Frank de Curtoni, Mountain View. The building will be erected at the southwest corner of Clement and 3rd avenue, covering an area of 30 by 60 feet. The first floor will contain a store. Upper floors will be arranged for five modern flats. Interiors will be finished in pine and redwood with some oak floors. There will be open fire places and tile mantels. Entrance will be finished in tile and marble. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

GARAGE—1 story and base, Class A construction, \$25,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners, Bishop Estate. The building will be erected on Jackson street near Van Ness avenue, covering an area of 92½ by 127½ feet. Construction will be fireproof throughout with a complete steel frame, steel roof trusses and brick walls. A cement floor will be used. Interior finish will be of pine throughout. Plans provide for metal window sash and frames. Besides the storage space there will be a large and complete equipped machine shop. Exterior of the building will be faced with cement plaster in imitation of cut stone. Plans are complete and figures are being taken.

PASSENGER STATION AND TRACKAGE—2 story and base, frame and concrete construction, \$150,000. San Francisco. Architect, Engineering Dept. Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. The Southern Pacific Co. has started the construction of the new Third and Townsend streets station, which, when completed, with the new trackage system, will cost over \$1,000,000. The new station will cover an area of 260 by 112 feet and is a fine example of the Mission style of architecture. Construction will be of reinforced concrete with the exterior faced with cement plaster. A red clay tile roof will be used. The new trackage system will greatly increase the present crowded facilities and when completed will give the Southern Pacific one of the finest railroad terminals in the West. Most of the work will be done by Day Labor.

SCHOOL LATHING AND FURRING—Cost not stated. San Francisco. Architect, City Dept. of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans have been completed for the furring and lathing in the Academic building of the Polytechnic group. Bids

will be opened by the Board of Public Works on July 1st. Plans and specifications can be secured from the Architecture Department. An official proposal appears in another column of this issue.

STATE EXHIBIT BUILDING—1 and 2 story, frame and plaster. Cost not stated. San Francisco. Architects, Cannon & Fetzer, Salt Lake. Owners, State of Utah. Bids opened on June 18th for this work show the Northwest Construction Co., Merchants' Exchange Bldg., S. F., low at \$12,400. The bid does not include all work. An award of contract has not been made. Further mention will be made of the work. A complete list of the figures received will be found under the heading of San Francisco in this issue.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco. Architect, Joseph A. Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co. The dwelling has been designed for an eight-room house with bath and sleeping porch. Interior finish will be of pine with some elm panels and hardwood floors. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$4,000. San Francisco. Architect, none. Owner, James Welsh, 244 20th avenue, S. F. The dwelling has been designed to contain seven rooms and bath, and will be erected on the east side of 22nd avenue near Lake street. Pine and redwood finish with some hardwood floors will be used. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$10,000. San Francisco. Architects, Righetti & Headman, Phelan Bldg., S. F. Owner, Laura S. Nathan. The dwelling will be erected on Jones near Glover, and has been designed to contain twelve rooms and six baths. Interior finish will be of pine and oak with hardwood floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster. Plans are complete and figures are being taken.

STATE EXHIBIT BUILDING—2 story, frame and plaster. Cost not stated. San Francisco. Architects, Cannon & Fetzer, Salt Lake City. Owners, State of Utah. A telegram has been received from the architects stating that the bid of the Northwest Construction Co. of \$12,400 for this work should have read \$15,902.

APARTMENT HOUSE—3 story and base, reinforced concrete, \$20,000. San Francisco. Architect, O. R. Thayer, Merchants' National Bank Bldg., S. F. Owner's name withheld. The building will be erected on Folk street, and has been designed to contain a number of two and three room apartments. Interior will be finished in pine through-

out. There will be steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Wall beds are specified. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

BAKERY—1 story and base, brick, \$1,000. San Francisco. Architect, none. Owner, J. G. Harney, Pacific Bldg. The building will be erected on the south side of 20th street east of Valencia. Interior will be finished in pine with some terra cotta tile. There will be patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

PIER—Timber and concrete construction. Cost not stated. San Francisco. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Bids will be opened by the State Board of Harbor Commissioners on July 2nd for the construction of Pier No. 35. Plans and specifications can be secured from the State Board of Harbor Commissioners, Ferry Bldg., S. F.

RESIDENCE—1½ story and base, frame, \$2,000. San Francisco. Architect, none. Owner, P. W. Montroll, 270 Andover street, S. F. The house has been designed for a six-room dwelling and will be erected on Sears street. Interior will be finished in pine. There will be open fire place and tile mantel. Exterior will be covered with rustic and cement plaster. The work will be done by Day Labor.

Contracts Awarded.

RAILROAD CONSTRUCTION—\$27,502. San Francisco. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. Contractors, Contra Costa Construction Co., S. F. Contract price, \$27,502.

WATER SYSTEM ADDITION—Cost not stated. San Francisco. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. Contractor, R. C. Gorrill. Contract price, \$1,230.

STATE EXHIBIT BUILDING—2 story, frame and plaster, \$23,000. San Francisco. Architect's name not given. Owners, State of Nevada. Contractor, Alfred S. Gough, Goldfield, Nev. Contract price, \$23,000. Note: The two lowest bidders on this work were disqualified.

CHURCH—1 story and base, frame and plaster, \$13,151. San Francisco. Architect, John J. Foley, 46 Kearny street, S. F. Owners, St. Emidius Parish. Contractors, Ward & Goodwin, 110 Jessie street, S. F. Contract price, \$13,151.

STORES AND OFFICES—5 story and base, \$50,000. San Francisco. Architect's name not given. Owner Mrs. W. K. Vandebriell, Jr. Contractor, J. H. Hjul, Merchants' Exchange Bldg., S. F. Contract price, \$50,000.

City Bids Opened.

Bids received for Constructing Jail and Emergency Portions of City and County Jail.

Bids were opened at the Wednesday meeting of the Board of Public Works for the general construction of the jail and emergency portions of the City and County Jail Buildings. T. W. Mc-

Clenahan & Co. presented the low figure at \$39,300, and will probably be awarded the contract. A complete list of bids follows:

Jail and Emergency Portions, City and County Jail.

W. A. Newsom.....	\$41,388
T. W. McClenahan & Co.....	39,300
Monson Bros.....	47,882
Alfred Kohn.....	44,922
Larson, Sampson Co.....	47,500
William Bateman.....	46,000

Open Bids On Buildings At Panama-Pacific.

Strethlow, Freese & Peterson Low For Ferry Building and Nell A. McLean For Press Building.

Bids were opened Thursday morning by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Co. for constructing a frame and steel ferry building and for the construction of a Press Building. Strethlow, Freese & Peterson were low at \$12,200 for the Ferry Building and Nell A. McLean low for the Press Building at \$22,000. The following is a complete list of the bids opened:

Ferry Building.	
Strethlow, Freese & Peterson.....	\$12,200
Dunnevant, Houghton, Van Sant 51,203	
J. Monk.....	47,807
Lange & Bergstrom.....	55,000
Baker & Welsh.....	65,000
Press Building.	
Nell A. McLean.....	\$22,000
J. Monk.....	22,492
Strethlow, Freese & Peterson.....	23,670
Lange & Bergstrom.....	25,000
Lester H. Stock.....	25,813
Dunnevant, Houghton, Van Sant 28,221	
Baker & Welsh.....	31,950

Claim Mistake In Wire On Utah State Bldg.

Architects Cannon & Felzer of Salt Lake Wire Missing Northwest Construction Company's Bid.

A telegram dated Salt Lake, June 20th, at 1:30 P. M., and signed by Architects Cannon & Felzer, Architects for the Utah State Building at the Panama-Pacific Exposition, states that in wiring the "Builder" a list of the bids on June 19th that a mistake occurred in the bid of the Northwest Construction Co. (Story & Salih). Their figure should have been 15,902, according to the message received Saturday.

In the original telegram their bid was given at \$12,400 and was confirmed over the phone by one of the members of the Northwest Construction Co.

Utah State Building Bids Are Opened.

Northwest Construction Co. of San Francisco Low at \$12,400 and Will Be Awarded Contract.

(By Special Wire.)
SALT LAKE CITY, UTAH, June 19th, 1914.—Bids opened for the construction of the Utah State Exhibit Building to

be erected at the Panama-Pacific Exposition in San Francisco show Story & Salih of Boise, Idaho, (Northwest Construction Co., Merchants' Exchange Bldg., San Francisco), low at \$12,400. The following figures were received:

Utah State Building.	
Story & Salih (Northwest Construction Co., S. F.).....	\$12,400
Strethlow, Freese & Peterson, S. F. 17,440	
Poster-Vogt Co., S. F.....	17,587
Murphy Brooks Co., S. F.....	17,700
Lester H. Stock, S. F.....	17,939
Lange & Bergstrom, S. F.....	19,000
Charles Wright, S. F.....	19,326

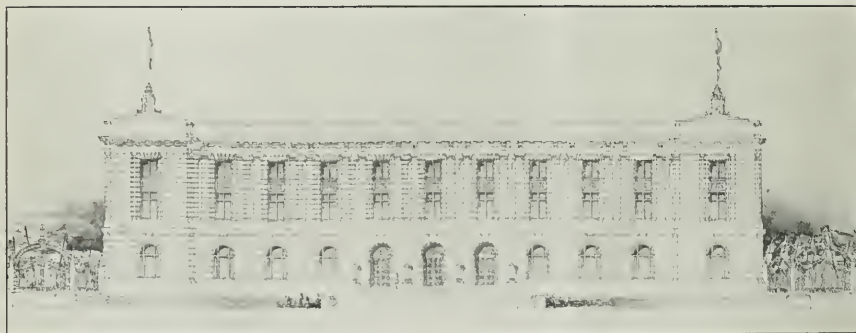
Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Am't.
2040	Nelson	Nelson	2000
2041	Nelson	Nelson	2000
2042	Nelson	Nelson	2000
2043	Royal Shoe	Limmo	400
2044	Manning	McClus	1000
2045	Hurley	Larsen	400
2046	Elsner	Hoffman	400
2047	United	Peterson	400
2048	French	Taylor	3250
2049	Pacific Gas	Bosch	2310
2050	Giuzzi	Scarscignoli	3000
2051	Murzio	Carraro	8250
2052	Massachusetts	Henderson	52978
2053	Ruether	Anderson	7700
2054	Reckell	McClus	10000
2055	Show	Davis	4224
2056	McKevitt	Currie	10337
2057	Collopy	McCausland	6325
2058	S. P.	Peterson	150000
2059	Nissum	Nissum	5000
2060	Hake	Hake	1500
2061	Clema	King	1000
2062	Schrader	Schrader	400
2063	Newlands	Pearson	400
2064	Stocker	Stocker	450
2065	Peterson	Peterson	1250
2066	Steller	Bartlett	5000
2067	McDonough	Costello	1600
2068	Mignola	Harder	2250
2069	Legge	Phy	1950
2070	Grifradell	Federal	4800
2071	Cunningham	Mooock	2000
2072	Preston	Nolan	2665
2073	Yerby	Brady	700
2074	Conti	Tarrone	1100
2075	Sullivan	Sullivan	400
2076	Brady	MacArthur	2450
2077	Marye	Dewar	9632
2078	Gasque	Leigh	5535
2079	Moffitt	Reed	5535
2080	Same	Same	3043
2081	Same	Floodberg	825
2082	Malerbi	Ferroni	9350
2083	Randolph	Klenck	5535
2084	San Christina	Brady	95800
2085	Schmitt	Gillespie	800
2086	Larsen	Larsen	1500
2087	Dunn	Dunn	2500
2088	Morris	Morris	2500
2089	U S Bldg Rity	Owner	2000
2090	Dong Toy	Brandt	450
2091	Curtoni	Curtoni	7000
2092	Ceschi	Little	16996
2093	Lombardi	Loncono	10305
2094	Jond	Jokey	1025
2095	Same	Same	1919
2096	Same	Kelly	1275
2097	Illinois	Lange	89000
2098	De Beert	Schoff	2407
2099	Gunkendorfer	Montani	5850
2100	Pacific G & E	O'Brien	3361
2101	Nelson	Nelson	2000
2102	Hopkins	Samman	2100
2103	Banzhaf	Anderson	3295
2104	Johnson	Fahlen	4220
2105	Zerbach	Reynolds	3000
2106	McCarthy	Beugh	1225
2107	United Adv	Federal	2800
2108	Berry	Berry	3000
2109	Cobb	Letter	450
2110	Benola	Nilsson	400
2111	Marini	Marini	400
2112	Lath	Callaghan	450
2113	Homestead Rity	Gnaht	1250
2114	Hotel Alex	Novelly	450
2115	Gaff	Novelly	400
2116	Schiff	Schoff	400
2117	Romani	New Era	650
2118	Pratt	Sullivan	500
2119	Arenson	Arenson	450
2120	Allen	Reesh	1900
2121	Pearson	Newton	650
2122	Gomel	Gomel	750
2123	Wilshire	Meek	450
2124	Montroll	Montroll	9000
2125	Cobb	McKenzie	400
2126	Holbrook	Brumfield	500
2127	Peniston	Drew	500
2128	Holbrook	Brumfield	500
2129	Pacific G & E	Peerless	1250
2130	Fleeman's Fund	Capitol	3100

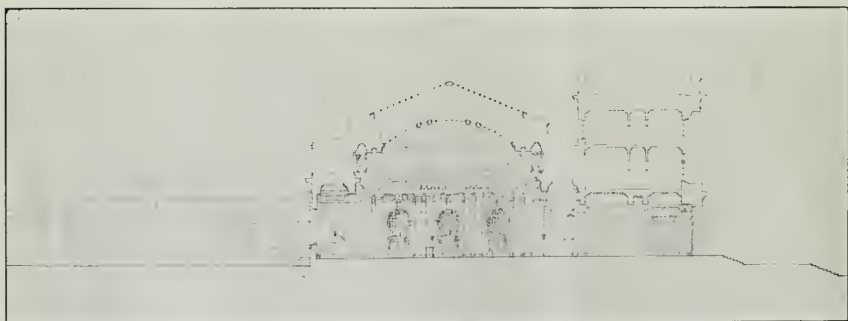


P. J. WEBER
S.F.A.C.



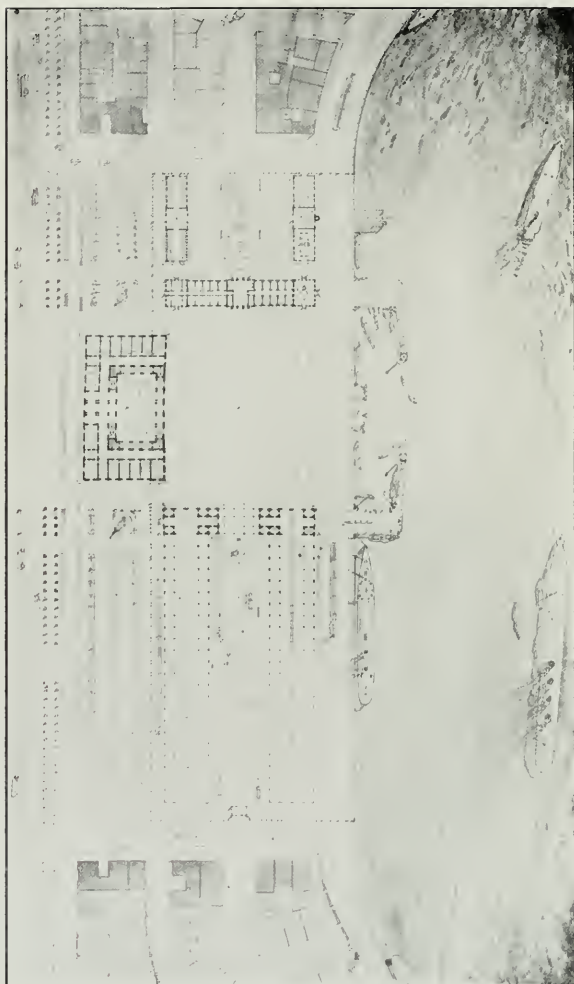
DESIGN AWARDED FIRST PRIZE IN PACIFIC COAST SCHOLARSHIP COMPETITION

Elevation



DESIGN AWARDED FIRST PRIZE IN PACIFIC COAST SCHOLARSHIP COMPETITION

Section



DESIGN AWARDED FIRST PRIZE IN PACIFIC COAST SCHOLARSHIP COMPETITION

Floor Plan

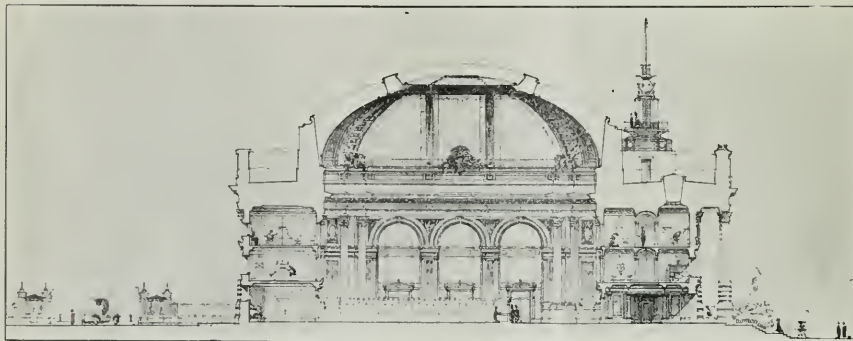
P. J. Weber
S. F. A. C.



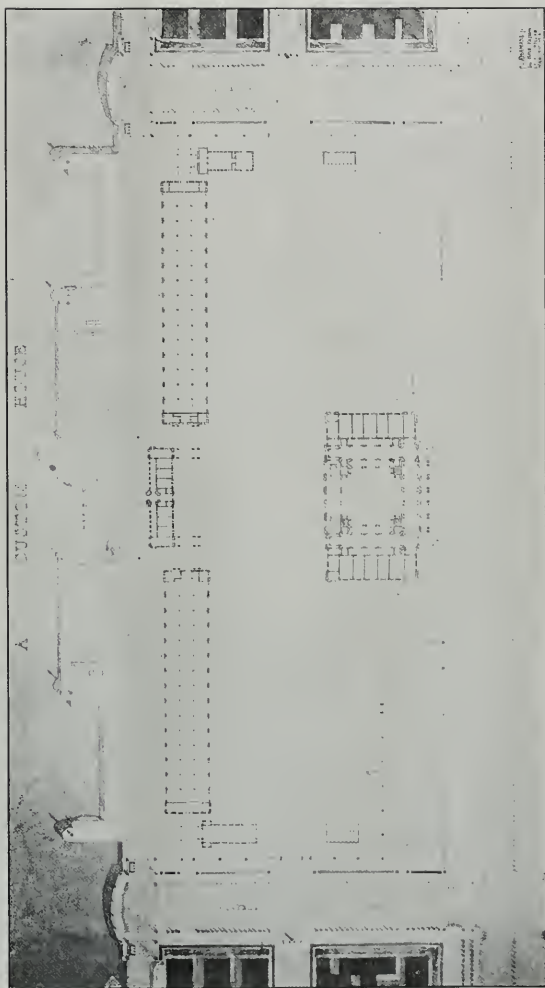
F. ALLAMAND, Jr.
S. F. A. C.



DESIGN AWARDED SECOND PRIZE IN PACIFIC COAST SCHOLARSHIP COMPETITION
Elevation



DESIGN AWARDED SECOND PRIZE IN PACIFIC COAST SCHOLARSHIP COMPETITION
Section



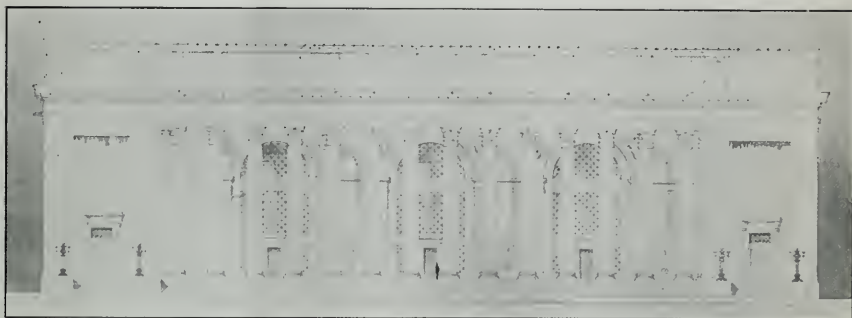
DESIGN AWARDED SECOND PRIZE IN PACIFIC COAST SCHOLARSHIP COMPETITION

Floor Plan

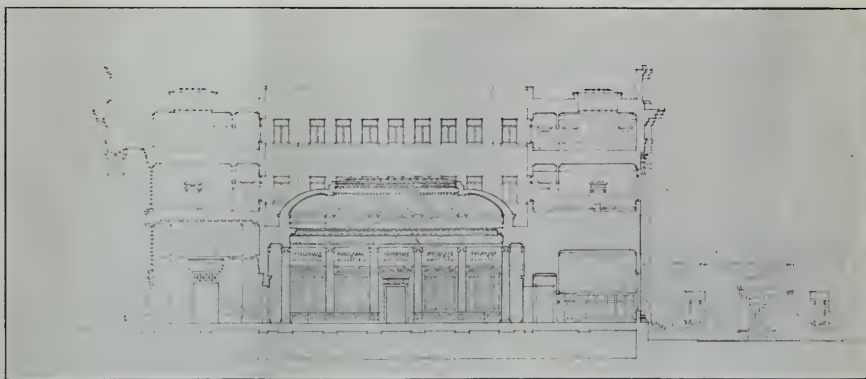
F. Allmand, Jr.
S. F. A. C.



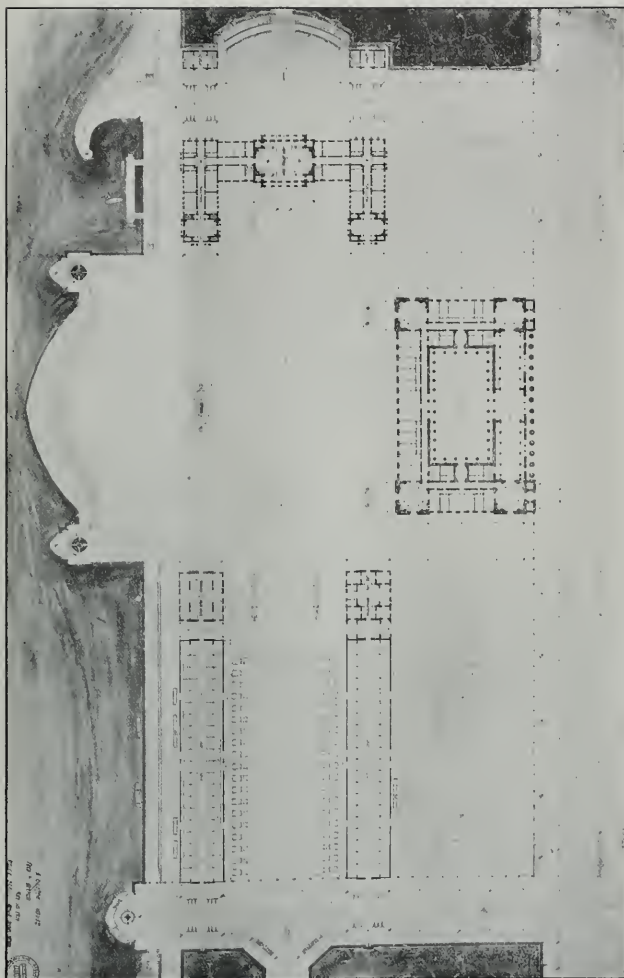
FRED M. KRAMER
S. F. A. C.



DESIGN AWARDED THIRD PRIZE IN PACIFIC COAST SCHOLARSHIP COMPETITION
Elevation



DESIGN AWARDED THIRD PRIZE IN PACIFIC COAST SCHOLARSHIP COMPETITION



DESIGN AWARDED THIRD PRIZE IN PACIFIC COAST SCHOLARSHIP COMPETITION

Fred M. Kramer
S. F. A. C.

(2040) W EUREKA 93 S 22nd. One and one-half-story and basement frame dwelling.
Owner.....N. J. Nelson, 4278 23rd, San Francisco.
Architect...None.
Day's work. COST, \$2000

(2041) W EUREKA 70 S 22nd. One and one-half-story and basement frame dwelling.
Owner.....N. J. Nelson, 4278 23rd, San Francisco.
Architect...None.
Day's work. COST, \$2000

(2042) W FIFTEENTH AVE 50 N Anza. Two-story and basement frame dwelling.
Owner.....Emil Nelson, 580 Jersey, San Francisco.
Architect...None.
Day's work. COST, \$2800

(2043) NO. 786 MARKET. Construct balcony.
Owner.....Royal Shoe Co., Premises.
Architect...None.
Contractor...Geo. Nimmo, 634 Clay, San Francisco.
COST, \$400

(2044) NO. 3958 TWENTY-THIRD. Minor additions and repairs to dwlg.
Owner.....Mrs. Mary Manning, Prem.
Architect...None.
Contractor...T. McInnis, 1034 Noe, S. F.
COST, \$1000

(2045) NO. 319 ELSIE. Add one-story frame to dwelling.
Owner.....Timothy Hurley, Premises.
Architect...None.
Contractor...S. Larsen, 360 Prospect Ave., San Francisco.
COST, \$400

(2046) NOS. 2951, 53, 55, 57 TWENTY-THIRD. Remove and re-construct porches.
Owner.....Milton S. Elsner, 137 Montgomery, San Francisco.
Architect...None.
Contractor...R. O. Hoffman, 137 Montgomery, San Francisco.
COST, \$400

(2047) NO. 2324 SAN JOSE AVE. Repair and alter cottage.
Owner.....United Rail Road, Holbrook Bldg., S. F.
Architect...None.
Contractor...United Rail Road, Holbrook Bldg., S. F.
COST, \$400

(2048) W FIFTH AVE 75 S Balboa S 25xW 95. All work except glass and glazing for two-story frame building.
Owner.....Richard French, 615 5th Ave., San Francisco.
Architect...None.
Contractor...Taylor & Co., Sharon Bldg San Francisco.

Filed June 15, '14. Dated June 11, '14. On 1st and 15th of each month owner to pay all bills for materials and labor and total cost of same not to exceed total cost of building
After all bills paid balance to be paid to contractor
TOTAL COST, \$3250
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(2049) S COMMERCIAL 60 E Montgomery E 48-9xS 59-6. Plastering for station "J."

Owner.....Pacific Gas & Electric Co., 445 Sutter, San Francisco.
Architect...Frederick H. Meyer, Bankers' Investment Bldg., S. F.
Contractor...Hermann Bosch 4420 20th, San Francisco.

Filed June 15, '14. Dated June 10, '14.
Completed 75%
Usual 35 days 25%
TOTAL COST, \$2310
Bond, \$1155. Surety, Massachusetts Bonding Co. Limit, without delay. Forfeit, none. Plans and specifications filed.

(2050) E POTRERO AVE 50 N 17th. All work for two-story and basement frame dwelling.
Owner.....Angelo Geluzzi.
Architect...None.
Contractor...Joe Scarceighini.

Filed June 15, '14. Dated June 13, '14.
Frame up and roof on \$925
Brown coated 925
Completed and accepted 925
Usual 35 days 925
TOTAL COST, \$3700
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2051) E FAIR OAKS 122 S 22nd S 30-6x E 117-6. All work for three-story frame flats.
Owner.....G. B. Mondani and Carlo Muzio, 125 Fair Oaks, S. F.
Architect...L. Traverso, 854 Union, San Francisco.
Contractor...Pietro Carraro & Giuseppe Carraro, 730 Felton, S. F.

Filed June 15, '14. Dated May 18, '14.
Enclosed and roof on 2137.50
Brown coated 2137.50
Completed and accepted 2137.50
Usual 35 days 2137.50
TOTAL COST, \$8550.00
Bond, \$4275. Sureties, P. Ferrari and L. Muzio. Limit, 90 days after May 20. Forfeit, none. Plans and specifications filed.

(2052) EXPOSITION SITE. All work except electric fixtures, furnishings and hangings for erection of Massachusetts State Building.
Owner.....Board of Panama-Pacific Managers for Massachusetts, Tremont Bldg., Boston, Mass.
Architect...Wells & Dana.
Contractor...W. D. Henderson, Monadnock Bldg., S. F.

Filed June 15, '14. Dated May 25, '14.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$52,975
Bond, \$26,500. Surety, Massachusetts Bonding & Insurance Co. Limit, 150 days. Forfeit, none. Plans and specifications filed.

(2053) SE SIXTEENTH AVE & LAKE All work for two-story and basement frame flats.
Owner.....Auguste Ruether, 793 Ashbury, San Francisco.
Architect...B. V. Gerow, 732 Anza, San Francisco.
Contractor...O. E. Anderson, 215 10th Ave., San Francisco.

Filed June 16, '14. Dated June 5, '14.
Roof on \$1925
1st coat plaster on 1925
Completed and accepted 1925
Usual 35 days 1925
TOTAL COST, \$7700
Bond, \$3850. Surety, Maryland Casualty Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(2054) SW TWENTY-SIXTH & CAPP W 25 S 100 m or 1 NE 31 m or 1 N 87-m m or 1. All work except lat, plaster, mill and lumber work for three-story frame store and apartments.

Owner.....Marie Revelli.
Architect...C. O. Clausen, Hearst Bldg San Francisco.
Contractor...Ratto & Ratto.
Filed June 16, '14. Dated June 15, '14.
Frame up \$2750
Plaster finished 2750
Completed and accepted 2750
Usual 35 days 2750
TOTAL COST, \$11,000

Bond, \$5500. Sureties, A. Geovannetti and L. Stagi. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(2055) N BUSH 137-6 W Hyde W 34-4½ xN 137-6. Brick work for three-story Class "C" apartments.
Owner.....Martin S. Show, 2301 Larkin, San Francisco.
Architect...C. O. Clausen, Hearst Bldg. San Francisco.
Contractor...T. E. Davis & Son, 2321 Lake, San Francisco.

Filed June 16, '14. Dated June 16, '14.
Brick work up to 1st floor joists \$1000
Brick work up to 3rd floor joists 1054
Completed and accepted 1084
Usual 35 days 1056
TOTAL COST, \$4224
Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

NOTE:—1st report June 5. No. 1899.

(2056) S LOMBARD 157-6 E Powell E 48-9xS 137-6. All work for three-story frame (6) tenements.
Owner.....Hugh McKevitt, Lombard bet. Powell & Stockton San Francisco.
Architect...M. J. Welsh, 22nd and Mission, San Francisco.
Contractor...Currie & Currie, 1215 3rd Ave., San Francisco.

Filed June 16, '14. Dated June 11, '14.
Frame up \$2583.75
Brown coated 2583.75
Completed 2583.75
Usual 35 days 2583.75
TOTAL COST, \$10,335.00
Bond, \$5200. Sureties, E. O. Benner and H. J. Schober. Limit, 100 days after June 5. Forfeit, \$5. Plans and specifications filed.

(2057) NE EUREKA AND 19TH N 75 xE 25. All work for three-story frame apartments.
Owner.....Rose Collopy.
Architect...Earl B. Scott, Humboldt Bank Bldg., S. F.
Contractor...George V. McCausland, 4173 23rd, San Francisco.
Filed June 16, '14. Dated June 16, '14.
Roof on \$1581.25
Brown coated 1581.25
Completed and accepted 1581.25
Usual 35 days 1581.25
TOTAL COST, \$6325.00
Bond, \$3200. Sureties, F. A. McCausland and E. A. Hoadley. Limit, 90 days Forfeit, \$5. Plans and specifications filed.

(2058) W THIRD, bet. Townsend and King. Part two-story and part three story brick passenger station.
Owner.....Southern Pacific Co., 3rd and King, San Francisco.
Architect...S. P. Engineering Dept., Flood Bldg., San Francisco
Day's work. COST, \$150,000

(2059) E MISSION 75½ N 2nd. One story and basement concrete stores. Owner.....Jens Nissum, 5 Montgomery, San Francisco.

Architect...None.
Day's work. COST, \$3000

(2060) N CAPISTRANO 300 E Santa Rosa. One-story and basement frame dwelling.

Owner.....R. A. Hake, San Bruno.
Architect...R. A. Hake.
Day's work. COST, \$1500

(2061) NW BRUNSWICK 150 SW Lowell. One and one-half-story and basement frame dwelling.

Owner.....Mr. and Mrs. A. Clemo, 1900 Golden Gate Ave., S. F.
Architect...Chas. J. Kling, 1900 Golden Gate Ave., San Francisco.
Day's work. COST, \$1000

(2062) E VALENCIA 50 S 26th. T. and G ceiling building.

Owner.....Schraeder Estate Co., 1133 Guerrero, San Francisco.
Architect...A. Klahn & Son.
Contractor...A. Klahn & Son, 27 Chenery, San Francisco.
COST, \$400

(2063) NO. 613 MARKET. Underpin three-story building.

Owner.....James Newlands Jr., — Montgomery, San Francisco
Architect...None.
Contractor...Edw. K. Pearson, 2362 Bryant, San Francisco.
COST, \$400

(2064) NO. 285 COLBRIDGE. Add 1-story frame for four rooms.

Owner.....F. B. McStocker, Prem.
Architect...None.
Day's work. COST, \$450

(2065) E FRANKLIN 67-8¼ S Clay. Three-story and basement (6) frame apartments.

Owner.....H. Peterson, Monadnock Bldg., San Francisco.
Architect...Rousseau & Rousseau, Monadnock Bldg., S. F.
Day's work. COST, \$12,500

(2066) E SAN DIEGO WAY 400 S St. Francis Boulevard. Two-story and basement frame residence.

Owner.....Louis F. Steller, Care Forderer-Cornice Works, San Francisco.
Architect...H. H. Gutterson, 80 Post, San Francisco.
Contractor...John M. Bartlett, 1700 Call Bldg., San Francisco.
COST, \$5000

(2067) N COTTER 78 E Alemany. One story and basement frame dwelling.

Owner.....M. McDunough and L. Costello.
Architect...None.
Day's work. COST, \$1600

(2068) E SIXTEENTH AVE 60 N Judah. Two-story and basement frame dwelling.

Owner.....J. Mignola, 1366 Vermont, San Francisco.
Architect...None.
Contractor...John Harder, 40 Shipley, San Francisco.
COST, \$2250

(2069) SE FOURTEENTH & STEVENSON. Add 2 rooms to present bldg. Owner.....College of Physicians & Surgeons, Premises.

Architect...Edw. E. Young, 251 Kearny, San Francisco.

Contractor...Thos. Elam & Son, 180 Jessie, San Francisco.
COST, \$1950

(2070) NO. 940 NORTH POINT. Electric roof sign.

Owner.....D. Ghiradelli Co., Prem.
Architect...None.
Contractor...Federal Elec. Sign Co., 257 8th, San Francisco.
COST, \$4800

(2071) NO. 149 FIFTEENTH AVE. Alter, add and repair dwelling.

Owner.....J. S. Cunningham, Prem.
Architect...None.
Contractor...J. Moock, 1515 California, San Francisco.
COST, \$2000

(2072) N WEST CLAY 100 W 25th Ave. One and one-half-story and basement frame dwelling.

Owner.....Mrs. Preston.
Architect...None.
Contractor...M. F. Nolan, 228 Noe, S. F.
COST, \$2665

(2073) NO. 5153 SAN JOSE AVE. Add to dwelling and minor changes.

Owner.....F. B. Yerby, Premises.
Architect...None.
Day's work. COST, \$700

(2074) S PALOU 225 E Jennings. One-story and basement frame dwelling.

Owner.....A. Conti, 1240 7th Ave., San Francisco.
Architect...None.
Contractor...G. Tarrone, 2318 25th, S. F.
COST, \$1100

(2075) NO. 44 CAMPRELL. Add two rooms to dwelling.

Owner.....Kate Sullivan, 1610 25th, San Francisco.
Architect...None.
Day's work. COST, \$400

(2076) W NINETEENTH AVE 150 N Balboa N 35W 120. All work for one and one-half-story and basement frame dwelling.

Owner.....Dora Brady, 1960 Pierce, San Francisco.
Architect...Henry W. Jansen.
Contractor...MacArthur Bros., 1560 Fell, San Francisco.

Filed June 17, '14. Dated June 13, '14.
Enclosed, roof on, and plumbing roughed in\$600
Brown coated 600
Completed and accepted 600
36 days after..... 650
TOTAL COST, \$2450

Bond, \$1225. Surety, Pacific Coast Casualty Co. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(2077) NW MARKET & MARSHALL Square SW 51 NW 78, 718 to Grove E 61.62 th 42.634. All work except plumbing, roofing, tinning, electric wiring and plastering for remodeling two-story and basement brick bldg.

Owner.....George T. Marye Jr., 467 O'Farrell, San Francisco.
Architect...Walter J. Mathews, 927 Broadway, Oakland.
Contractor...R. Dewar & Son, 180 Jessie, San Francisco.

Filed June 17, '14. Dated June 10, 1914.
One-fourth completed\$1786
One-half completed 1786
Three-fourths completed 1786
Completed 1786
Usual 35 days..... 2489
TOTAL COST, \$9623

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2078) W SIXTEENTH AVE 178-11 — Clement 25x120. Grading, masons, carpenter work, plumbing and painting for two-story frame flats.

Owner.....Mrs. R. Gasque, 2496 Sutter, San Francisco.
Draftsman...Arthur Gasque, 2496 Sutter, San Francisco.
Contractor...Leigh & Schultz, 419 21st Ave., San Francisco.

Filed June 17, '14. Dated June 5, '14.
Grading done, frame up, ceiling joists in and roof on\$1107
Brown coated 1107
Enclosed and plastering and plumbing finished 1107
Completed and accepted 1107
Usual 35 days..... 1107
TOTAL COST, \$5350

Bond, \$4152. Surety, Fidelity & Deposit Co. of Maryland. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(2079) N BROADWAY adjoining to W of present residence, 30 feet frontage No. 1818 Broadway. Excavation, concrete work and foundations for alterations and additions to residence.

Owner.....Herbert C. Moffitt, Prem.
Architect...Willis Polk & Co., Merchants' Exchange Bldg., San Francisco.
Contractor...Farrell & Reed, M. A. Gunst Bldg., S. F.

Filed June 17, '14. Dated June 15, '14.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$1150

Bond, \$575. Surety, The Aetna Accident & Liability Co. Limit, Sept. 30, 1914. Forfeit, \$10. Plans and specifications filed.

(2080) CARPENTRY WORK ON above.

Contractor...Thos. A. Cavanagh, 180 Jessie, San Francisco.
Filed June 17, '14. Dated June 15, '14.
Payments same as above.....

TOTAL COST, \$3043
Bond, \$3043. Sureties, D. O. Druffel and F. W. Weaver. Limit, Sept. 30, 1914. Forfeit, \$20. Plans and specifications filed.

(2081) LATHING AND PLASTERING on above.

Contractor...Floodberg & McCaffery, Monadnock Bldg., S. F.
Filed June 17, '14. Dated June 15, '14.
Payments same as above.....

TOTAL COST, \$825
Bond, \$825. Surety, New England Casualty Co. Limit, Sept. 30, 1914. Forfeit, \$10. Plans and specifications filed.

(2082) S UNION 103 W Powell W 34-6 S 62-6 W 10 S 30-6 E 10 S 17-6 E 34-6 N 110-6. All work except fire escapes, finish hardware, shades, mantels, lighting fixtures and grading for three-story frame flats.

Owner.....Carlo Malerbi.
Architect...Paul J. Capurro, 1844 Powell, San Francisco.
Contractor...G. Ferroni & Sons, 3045 Octavia, San Francisco.

Filed June 17, '14. Dated June 15, '14.
Frame up\$2337.50
Rough plaster on 2337.50
Completed and accepted 2337.50
Usual 35 days..... 2337.50
TOTAL COST, \$9350.00

Bond, \$4675. Surety, Aetna Accident &

Liability Co. Limit, 90 days after June 29. Forfeit, \$5. Plans and specifications filed.

(2082) W MASON 65 N O'Farrell N 50 xw 163.14. All work for one-story brick building.

Owner.....D. L. Randolph, 467 O'Farrell, San Francisco.

Architect...Cunningham & Polite, 1st National Bank Bldg., S. F.

Contractor...F. J. Klenck, Sharon Bldg., San Francisco.

Filed June 17, '14. Dated June 15, '14.

On 1st and 15th of each month 75% Usual 35 days..... 25%

TOTAL COST, \$5580

Bond, \$2790. Surety, Massachusetts Bonding & Insurance Co. Limit, 70 days. Forfeit, \$10. Plans and specifications filed.

(2084) SW HOWARD & SIXTEENTH. Four-story Class "C" apartments and stores.

Owner.....San Christina Investment Co., 1st National Bank Bldg., San Francisco.

Architect...J. R. Miller, 213 Lick Bldg., San Francisco.

General Contractor...C. A. Brady, 180 Jessie, San Francisco.

COST, \$98,000

(2085) SE LAKE & TWENTY-FIFTH Ave. Alter front and minor repairs.

Owner.....C. E. Schmitt, Premises.

Architect...Herman Barth, 12 Geary, San Francisco.

Contractor...G. G. Gillespie, 180 Jessie, San Francisco.

COST, \$800

(2086) NW DELANO 70 W Santa Ynez One and one-half-story and basement frame dwelling.

Owner.....Axel R. Larsen, 282 Dolores San Francisco.

Architect...None.

Day's work. COST, \$1500

(2087) N ANZA 53-4 E 23rd Ave. One story and basement frame dwelling.

Owner.....Mrs. M. F. Dunn, 2633 Anza San Francisco.

Architect...None.

Contractor...Ernest E. Dunn, 2633 Anza, San Francisco.

COST, \$1800

(2088) SW ANZA & ELEVENTH AVE. Two-story and basement frame dwlg.

Owner.....A. T. Morris, 616 7th Ave., San Francisco.

Architect...None.

Day's work. COST, \$2500

(2089) W CURTIS 348 S Rolph. One and one-half-story and basement frame dwelling.

Owner.....United States Bldg., Realty & Investment Society, Crocker Bldg., S. F.

Architect...None.

Day's work. COST, \$2000

(2090) NO. 1111½ DUPONT Repairs and alterations in restaurant.

Owner.....Dong Toy, 950 Dupont, S. F.

Architect...None.

Contractor...Brandt & Stevens, 612 Hearst Bldg., S. F.

COST, \$450

(2091) SW CLEMENT & THIRD AVE. Alter and add to three-story and basement frame (5) flats and stores.

Owner.....Frank deCurtis, Mountain View, Cal.

Architect...None.

Day's work. COST, \$7000

(2092) NW STEINER AND UNION N 43-6xW 78-6 (present building to be moved to lot adjoining on N). All work for moving of present building and erection of new three-story frame stores and apartments.

Owner.....Peter and Jeanne Teschi, 3001 Steiner, S. F.

Architect...A. Reinhold Denke, Humboldt Bank Bldg., S. F.

Contractor...Wm. Little, 753 8th Ave., San Francisco.

Filed June 18, '14. Dated June 11, '14.

Present old building moved to new location and 1st floor joists of new building in place.....\$25.1

Rough frame completed..... 25.49

Enclosed and rustic and roof on 2d, 3d 1st coat plaster on..... 25.49

Completed and accepted..... 25.49

Usual 35 days..... 42.49

TOTAL COST, \$16,996

Bond, none. Limit, 100 days. Forfeit, \$1. Plans and specifications filed.

(2093) 25 FRONTAGE ON E STOCKTON, 25 on N Filbert and 55 on private alley. All work for three-story frame building.

Owner.....Pietro Lombardi and Olivo Riccomini, 427 Union, S. F.

Architect...Louis Mastropasqua, 580 Washington, San Francisco.

Contractor...Antonio Loncono.

Filed June 18, '14. Dated June 18, '14.

Frame up and roof on.....\$2576.25

1st coat plaster on..... 2576.25

Completed and accepted..... 2576.25

Usual 35 days..... 2576.25

TOTAL COST, \$13,000.00

Bond, \$5153. Surety, Chicago Bonding & Surety Co. Limit, 100 days. Forfeit, \$4. Plans and specifications filed.

(2094) COR. EIGHTH AND FOLSOM. Painting and shades for two-story reinforced concrete laundry.

Owner.....Galland Mercantile Laundry, 217 8th by Clinton Fireproofing Co., Mutual Bank Bldg., S. F.

Architect...Milton Lichtenstein, 111 Ellis, San Francisco.

Contractor...J. G. Journeay, Successor Simon Nielsen Co., 1065 Mission, San Francisco.

Filed June 18, '14. Dated June 6, '14.

On completion..... 75%

Usual 35 days..... 25%

TOTAL COST, \$823

Bond, \$412.50. Surety, Globe Indemnity Co. Limit, none. Forfeit, plans and specifications, none.

(2095) SHEET METAL WORK ON above.

Owner.....Ideal Cornice Co., 1040 Howard, San Francisco.

Filed June 18, '14. Dated Apr. 23, '14.

On 10th of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$1919.50

Bond, \$859.75. Surety, Globe Indemnity Co. Limit, forfeit, none. Plans and specifications, none.

(2096) PLUMBING ON ABOVE.

Contractor...Henry M. Kelly, 2253 Bryant, San Francisco.

Filed June 18, '14. Dated Apr. 27, '14.

Payments same as above.....

TOTAL COST, \$1275

Bond, \$637.50. Surety, Globe Indemnity

Co. Limit, forfeit, plans and specifications, none.

(2097) EXPOSITION SITE. All work for erection of Illinois State Building.

Owner.....Illinois Panama-Pacific International Exposition Commission, Lachman Bldg., San Francisco.

Architect...Jas. B. Dibelka (State Architect), Room 648, 29 So. La Salle St., Chicago, Ill.

Contractor...Lange & Bergstrom, Sharon Bldg., San Francisco.

Filed June 18, '14. Dated June 11, '14.

As work progresses..... 85%

Usual 35 days..... Balance

TOTAL COST, \$89,000

Bond, \$45,000. Surety, The Aetna Accident & Liability Co. Limit, Dec. 1, 1914

Forfeit, none. Plans and specifications filed.

(2098) E STOCKTON 20 S Lombard 20 feet frontage, 20x50. All work except concrete foundations and floors, artificial stone, wainscoting fence for two-story and basement frame building (2 flats).

Owner.....Michael De Benedetti, 118 Columbus Ave., S. F., care L'Italia Daily News.

Architect...Louis Mastropasqua, 580 Washington, San Francisco.

Contractor...G. Ferroni & Son, 1709 Lombard, San Francisco.

Filed June 18, '14. Dated June 5, '14.

Frame up and roof on.....\$851.73

1st coat plaster on..... 851.73

Completed and accepted..... 851.73

Usual 35 days..... 851.73

TOTAL COST, \$3407.00

Bond, \$1704. Surety, Aetna Accident & Liability Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2099) SE FILLMORE AND LOMBARD S 120 E 45 N 110 E 20 N 9 W 65. All work for one-story frame stores.

Owner.....Adolph Gunzendorfer.

Architect...A. J. Bain, Phelan Bldg., San Francisco.

Contractor...S. Montali, 1753 Greenwich, San Francisco.

Filed June 18, '14. Dated June 16, '14.

Frame up & roof sheathing on.....\$1465

Plumbing and electric work roughed in and brown coated... 1465

Completed and accepted..... 1465

Usual 35 days..... 1465

TOTAL COST, \$5850

Bond, \$2930. Sureties, N. Capurro and P. Boicelli. Limit, July 31. Forfeit, none. Plans and specifications filed.

(2100) S COMMERCIAL 60 E Montgomery R 48-9xS 59-6. Brick work for Station "J."

Owner.....Pacific Gas & Electric Co., 445 Street, San Francisco.

Architect...None.

Contractor...P. J. O'Brien.

Filed June 18, '14. Dated —.

On 10th of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$3361

Bond, \$1706. Surety, American Surety Co. Limit, 5 weeks. Forfeit, none. Plans and specifications filed.

(2101) EXPOSITION SITE. All work except electric work for Natatorium Concession Building.

Owner.....Neptune Amusement Co., 318 Monadnock Bldg., S. F.

Architect...Carl Werner, Phelan Bldg., San Francisco.

Contractor...J. A. Rose, Monadnock Bldg., San Francisco.

Filed June 18, '14. Dated June 18, '14.

On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$2908
Bond, \$4604. Surety, Southwestern
Surety Insurance Co. Limit, 5 months.
Forfeit, none. Plans and specifications
filed.

(2102) NW PINE & LIEDESDORFF.
Repair and clean Pine street and
Liedesdorff street fronts of building.
Owner.....E. W. Hopkins, 354 Pine,
San Francisco.
Architect...None.
Contractor...A. Sayman.

Filed June 18, '14. Dated June 17, '14.
On 1st of each month..... 50%
On completion balance to make
total of.....\$2300
Usual 35 days balance..... 800

TOTAL COST, \$3100
Bond, \$1700. Sureties, C. J. Carlson and
R. L. Turner. Limit, 90 days. Forfeit,
none. Specifications only filed.

(2103) S JERSEY 139 E Church. All
work for two-story and basement
frame residence.
Owner.....R. O. and Gladys E. Banz-
haf, 3859 23rd, S. F.
Architect...None.

Contractor...A. V. Anderson, 4223 23rd,
San Francisco.

Filed June 19, '14. Dated May 23, '14.
Roof on.....\$645
Ready for plaster..... 645
White coat on..... 645
Completed and accepted..... 645
Usual 35 days..... 645

TOTAL COST, \$2325
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(2104) SW COLE 52-7 S 15th SE 25-1
xSW 100. All work except shades
and electric light fixtures for two-
story and basement frame flats.
Owner.....Wm. Johnson, 40 Drumm,
San Francisco.

Architect...None.
Contractor...W. and C. Fabien, 855
Golden Gate Ave., S. F.

Filed June 19, '14. Dated June 18, '14.
Frame up.....\$1155
Brown coated..... 1155
Completed and accepted..... 1155
Usual 35 days..... 1155

TOTAL COST, \$4620
Bond, \$2310. Surety, Martha Fabien.
Limit, 90 days. Forfeit, \$5. Plans and
specifications filed.

(2105) N TURK 171-10% E Taylor E
34-1/2xN 137-6. Lathing and plaster-
ing for seven-story building.
Owner.....Zellerbach Levison Co.
Architect...None.
Contractor...Terranova Bros, 45 Kear-
ny, San Francisco.

Filed June 19, '14. Dated June 18, '14.
Scratch coat on.....\$1500
Brown coated..... 1650
Completed and accepted..... 1575
Usual 35 days..... 1575

TOTAL COST, \$6300
Bond, \$3150. Surety, New Amsterdam
Casualty Co. Limit, 50 days. Forfeit,
\$15. Plans and specifications filed.

(2106) E ASHTON 165 N Holloway.
One-story and basement frame dwlg.
Owner.....The McCarthy Co., 316
Bush, San Francisco
Architect...None.
Contractor...Ralph G. Baugh, 1950 Mc-
Allister, San Francisco.
COST, \$1325

(2107) NO. 921 MARKET. Construct
galvanized frame electric sign.
Owner.....United Advertising Sign &
Novelty Co., Portland, Ore.
Architect...None.
Contractor...Federal Sign System Elec.,
257 8th, San Francisco.
COST, \$2800

(2108) E LONDON 100 S Amazon. One
and one-half-story and basement
frame dwelling.
Owner.....E. S. Berry, Mission near
19th, San Francisco.
Architect...O. E. Evans, 2367 Mission,
San Francisco.

Day's work.....**COST, \$2000**

(2109) NO. 3652 CLAY. Repair roof
and add porch.
Owner.....Mr. Cahn, Premises.
Architect...MacDonald & Kahn, Rialto
Bldg., San Francisco.
Contractor...E. T. Leiter & Sons, 461
Market, San Francisco.
COST, \$450

(2110) NO. 1025 VERMONT. Raise,
underpin and ratproof flats.
Owner.....F. Renola, 2367 Mission,
San Francisco.

Architect...None.
Contractor...N. F. Nilsson, 355 Cole-
ridge, San Francisco.
COST, \$400

(2111) NO. 2821 TWENTY-FIFTH.
Alter 8-room flat into 2 four-room
apartments, construct stair case, in-
stall toilet, wash trays, sink and
patent flue.
Owner.....Frank Marini, 649 Green,
San Francisco.

Architect...None.
Day's work.....**COST, \$100**

(2112) NO. 893 CLAYTON. Add room
and pergola to dwelling.
Owner.....Mr. Lalb, Premises.
Architect...None.
Contractor...Callaghan Bros, 900 Clay-
ton, San Francisco.
COST, \$450

(2113) N BISMARK 175 W San Jose
One-story and basement frame dwlg.
Owner.....Homestead Realty Co.,
Mutual Bank Bldg., S. F.
Architect...None.
Contractor...Wm. H. Grahn, 2840 Bry-
ant, San Francisco.
COST, \$1250

(2114) NO. 352 GEARY. Electric sign.
Owner.....Robert Alexander, Prem.
Architect...None.
Contractor...Novelty Elec. Sign Co., 165
Eddy, San Francisco.
COST, \$450

(2115) NO. 108 ELLIS. Electric sign.
Owner.....K. S. Graff, Premises.
Architect...None.
Contractor...Novelty Elec. Sign Co., 165
Eddy, San Francisco.
COST, \$400

(2116) NO. 1330 EIGHTEENTH AVE.
Finish interior of flat.
Owner.....Mrs. A. Schafft, Premises.
Architect...None.
Day's work.....**COST, \$500**

(2117) SW MISSION AND MORTON.
Add bath and porch, install bath tub,
patent toilet, 1 pair cement wash
trays for dwelling.
Owner.....Chas. Romani.
Architect...None.

Contractor...New Era Bldg. Co., Inc.,
3298 Mission, San Francisco.
COST, \$650

(2118) NO. 2056 BUSH. Repair fire
damage.
Owner.....Francis Pratt, 89 Fair
Oaks, San Francisco.

Architect...None.
Contractor...J. Sullivan, 2595 Bryant,
San Francisco.
COST, \$500

(2119) N NAPLES 24 W Brunswick.
One and one-half-story and basement
frame dwelling.
Owner.....A. Aronson, 522 Crocker
Bldg., San Francisco.

Architect...None.
Day's work.....**COST, \$1900**

(2120) NO. 1747 POST. Add 4 rooms
to building.
Owner.....K. Ahea, Premises.
Architect...None.
Contractor...J. Bessho, 1674-A Post,
San Francisco.
COST, \$450

(2121) NE McALLISTER & LAGUNA.
Move building and repair plumbing,
etc.

Owner.....Pearson & Newton, 1153
O'Farrell, San Francisco.

Architect...None.

Day's work.....**COST, \$650**

(2122) N MANGLES 150 E Conga. One-
story and basement frame dwelling.
Owner.....E. Goeple, 408 Baden, S. F.

Architect...None.

Day's work.....**COST, \$750**

(2123) NO. 340 STOCKTON. Changes
in hotel lobby.
Owner.....Wiltshire Hotel, Premises.

Architect...None.
Contractor...T. H. Meek-Coy Co., 1157
Mission, San Francisco.

COST, \$450

(2124) N SEARS 185 SW Siskies. One-
and one-half-story and basement
frame dwelling.

Owner.....P. W. Montrouil, 270 An-
dover, San Francisco.

Architect...None.

Day's work.....**COST, \$2000**

(2125) NO. 4 WENTWORTH. Install
3 windows, move plumbing, cement
floors, re-plastering walls, change
front and erect partitions.

Owner.....N. G. Cohn, 304 Bush, S. F.

Architect...None.

Contractor...W. McKenzie, 734 Wash-
ington, San Francisco.
COST, \$400

(2126) CLAY, EAST & MERCHANT.
Electric roof sign.
Owner.....Holbrook, McGuire Co.,
Premises.

Architect...None.
Contractor...Brumfield Elec. Sign Co.,
18 7th, San Francisco.
COST, \$500

(2127) NO. 1349 MISSION. Repair fire
damages.
Owner.....E. C. Denniston, Premises.

Architect...None.

Contractor...Drew & Co., 48 Ramona,
San Francisco.

COST, \$500

(2128) CLAY, EAST AND MERCHANT.
Electric roof sign.

Owner.....Holbrook-McGuire Bldg.
Co., Premises.
Architect...None.
Contractor...Bramfield Elec. Sign Co.,
18 7th, San Francisco.
COST, \$500

(2129) S COMMERCIAL 60 E Mont-
gomery E 19-8X8 59-6. All tile work,
except tiling for south wall for station
"J."

Owner.....Pacific Gas & Electric Co.,
445 Sutter, San Francisco.

Architect...None.
Contractor...Peerless Agencies Co., Inc.,
1284 Mission, San Francisco

Filed June 20, '14. Dated June 10, '14.

On completion.....25%
Usual 35 days.....25%

TOTAL COST, \$2125
Bond, \$1100. Surety, The Aetna Accident
& Liability Co. Limit, due diligence.
Forfeit, none. Plans and specifications
filed.

(2130) SW CALIFORNIA & SANSOME
W 87-8X8 87-6. Sheet metal, metal
covered wood work and underwriters'
doors and windows for building.

Owner.....Fireman's Fund Insurance
Co., Insurance Exchange
Bldg., San Francisco.

Architect...Lewis P. Hohart, Crocker
Bldg., San Francisco.

Contractor...Capitol Sheet Metal Works,
1927 Market, San Francisco.

Filed June 20, '14. Dated May 22, '14.

On 15th of each month.....75%
Usual 35 days.....25%

TOTAL COST, \$7100
Bond, \$1550. Surety, Southwestern
Surety Insurance Co. Limit, Nov. 1,
1914. Forfeit, \$25. Plans and specifications
filed.

COMPLETION NOTICES.

SAN FRANCISCO COUNTY.

June 13, 1914—NW JACKSON AND
Scott N 127-84xW 137-6. Academy
of the Sacred Heart to Martin

Peterson.....June 10, 1914

June 13, 1914—N BUSH 137-6 W
Jones W 68-8xN 137-6. Lizzie H

Glide to whom it may concern.....
June 10, 1914

June 13, 1914—SW SUTER AND
Sansome W 69-84x S 69-7 NE 85-
10% N 13-4% Albert Meyer and

Isaac Liebes to L & E Emanuel,
Inc.....June 8, 1914

June 15, 1914—LOT 33 BLK "K" Mission
Street Land Co. Homestead

Realty Co to William H Graben.....
June 10, 1914

June 15, 1914—W ELEVENTH AVE
250 N Fulton N 25xW 120. Adolph

Petry to whom it may concern.....
June 10, 1914

June 15, 1914—S BONITA 134-6 W
Polk W A 47. Ernst Lanzendorf to

E J Montgomery.....June 15, 1914

June 15, 1914—N SEVENTEENTH
153 11-16 W Cole W 26-3 11-16xN

125-4% N J Nelson to whom it
may concern.....June 15, 1914

June 15, 1914—LOT 9 and NE ptn Lot
10 Lyon & Hoag's Sub, Ashbury

Terrace. Pope & Talbot Land Co
to W W Redhall.....June 9, 1914

June 16, 1914—W FORTY-FIRST
Ave 75 N Irving N 25xW 120.

Serafini and wife Maria Petrucci
to whom it may concern.....June 15, 1914

June 16, 1914—N BUSH adjoining E
Mills Bldg 68-9 on Bush. Ogden

Mills to James L McLaughlin.....
June 13, 1914

June 13, 1914

June 16, 1914—E SCOTT 102 N Page
N 21-10x103. Fanny Itoh to Lewis

& Kaiser.....June 9, 1914

June 16, 1914—N COPELAND TER-
race 225 W Mission W 52-9 th E 25

to beg. J H Kruse to C Wengard.....
June 15, 1914

June 16, 1914—N COPELAND TER-
race 250 W Mission W 52-9 th E to

beg. J H Kruse to C Wengard.....
June 15, 1914

June 16, 1914—N COPELAND TER-
race 200 W Mission W 52-9 th E 25

to beg. J H Kruse to C Wengard.....
June 15, 1914

June 16, 1914—W TRINITY 68-9 N
Sutter W 61-34xN 34-4% French

American Bank of Savings (by
agent P J Walker to Forrester Cor-
nicke Works, June 12, 1914; Her-
man Safe Co, June 8, 1914.....

June 16, 1914—S CLAY 55 E Taylor
E 25xS 89-9 Louis D Stoff to Otto

Carson & Co.....June 11, 1914

June 16, 1914—LOTS 8 AND 9 BLK 6,
St. Francis Wood. Westgate Park

Co to E E Etherton.....June 12, 1914

June 16, 1914—SW DIAMOND AND
Clipper S 22xW 80 H A 222. Emil

and wife Elsie Nelson to whom it
may concern.....June 16, 1914

June 17, 1914—N O'FARRELL 80 W
Devisadero W 195 N 137-6 E 150 S

25 E 25 S 25 E 20 S 87-6. The
Young & Swain Building Co to

Hurch-Hoffman Co.....June 16, 1914

June 17, 1914—SW LOMBARD AND
Scott W 50xS 100. Edw H Mitchell

to General Building Works Co.....
June 11, 1914

June 17, 1914—S TWENTY-NINTH
125 E Sanchez; No. 365 29th. Min-
nie G Vogel to G Cavaglieri.....

June 17, 1914

June 17, 1914—E TWENTIETH AVE
175 E California S 25x E 120. J M

Peters to whom it may concern.....
June 9, 1914

June 17, 1914—E FIFTEENTH AVE
175 S Clement S 25x E 127-6 (127-6)

Edward Ginley to whom it may
concern.....June 16, 1914

June 18, 1914—N NORTH POINT 100
W Broderick N 962.5x E 581.25.

Panama-Pacific International Ex-
position Co to Strehlow, Freese &

Peterson.....June 17, 1914

June 18, 1914—W DUPONT 89-6 N
Washington; No. 915% Grant Ave.

Suey Wing Society to Brandt &
Stevens.....June 6, 1914

June 18, 1914—SE VIENNA 275 SW
Brady Ave SW 25xSE 100 ptn Lot 2

Blk 61 Exct. Hld. James Gleeson to
whom it may concern.....June 17, 1914

June 18, 1914—W ARGUELLO BLVD
(First Ave) 125 N Fulton N 25xW

124 O L 581. William Kathryn
and Jennie Dillon to Bryant &

Bishop.....June 17, 1914

June 18, 1914—NE MORSE 30 NE
Newton NE 30xSE 75. John Bjork-
man to whom it may concern.....

June 15, 1914

June 18, 1914—S PERRY 105 SW
Fourth SW 25x80. Marie J J

Hinrichs to Harvey McCracken.....
June 18, 1914

June 18, 1914—W HYDE 127-6 N Suter
N 40 W 95 S 10 W 42-6 S 30 E

127-6 50 v 1321-1322. I Rosenberg
and Joseph Cahen to Steur & Barry.

Crown Cornice Works, Woods &
Houldart, Palace Hardware Co, W F

Fuller & Co, Thos & James McKee,
Van Emom Elevator Co, The Atlas

Heating & Ventilating Co, American
Elec Eng Co, Pacific Mfg Co.

Lacey Bros, Leutholdt & Co and
Tony Damico.....June 15, 1914

June 19, 1914—E TWENTIETH AVE
150 N Anza N 25x E 120. Margaret

Hamill to Thos Hamill.....June 19, 1914

June 19, 1914—NW MARKET 275 NE
Marshall Square NW 67.97 E 160.297

SW 94.366. Katharine K Forbes to
John E Beck.....June 19, 1914

June 19, 1914—W STANVAN 393-6 2-5
S Parnassus Ave S 25xW 111-67; Lot

39 Meyers Garden. Wilford H and
wife May C Williams to J D Bell.....

June 19, 1914

LIENS FILED.

San Francisco.

June 12, 1914—SE SUTTER & JONES
S 100xR 72. Joseph Pasqualetti vs

S L M Starr and L C Larsen.....\$916.25

June 13, 1914—S TONGVIN 356.127 W
Devisadero W 575xS 725. Santa

Cruz Portland Cement Co vs Neil
A McLean and Panama-Pacific In-
ternational Exposition Co.....\$1601.45

June 15, 1914—S TONGVIN 356.127 W
Devisadero W 575xS 725. The Mc-

Gilvary Stone Co vs Panama-Pacific
International Exposition Co and

Neil A McLean.....\$811.20

June 15, 1914—N SACRAMENTO 112-6
E Lyon E 25xN 127-84. E W Stone

vs W H Smith, Claudine Baulx and
Victor J Baulx.....\$100

June 15, 1914—N BROADWAY 171-
104% W Grant Ave W 68-9xN 136-6.

Finnila & Seaholm vs Nellie Harris,
Antonio and Rosa Demartini.....\$2436

June 16, 1914—N HOWARD 36 E
Russ E 28xN 100. Marshall &

Stearns Co vs Ida Goldblatt and W
H Daniels.....\$344

June 17, 1914—SW PRECITA AVE &
Florida (Ryan Ave) SW 25xSE 80.

Geo H Preston, \$84.80; S I Volz,
\$195 vs John Ellasen and Bergetta

Eliassen.....

June 17, 1914—S PAGE 140 E Fill-
more E 25xS 130. F Portman vs

William Hencke & F H Born.....\$474.75

June 17, 1914—E DOUGLASS 422 S
19th S 23x E 125. Redwood Manu-
facturers Co vs John F Haner.....\$127.42

June 16, 1914—S PAGE 140 E Fill-
more E 25xS 130. Holden-Deuprey

Co vs Wm Hencke and F H Barn.....
\$427.35

June 18, 1914—S PAGE 140 E Fill-
more E 25-4xS 137-6. Arden Plaster

Co vs Wm Hencke.....\$90.15

June 18, 1914—W GARIBALDI 57-6 S
Union S 40xW 58-9. A I Mollis vs

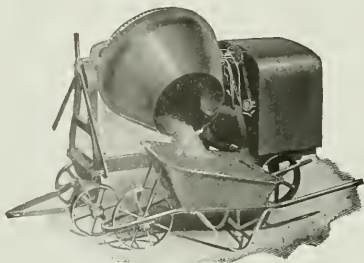
Walter S and Nellie E Eager, Latin
Constr Co and T Loncono.....\$230

June 18, 1914—N FRANCISCO 130 W
Grant Ave W 22-11xN 68-9. Man-
grum & Otter vs K C Gardner.....\$133

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 2 story and base,
frame, \$4,000. Piedmont, Alameda Co.,
Cal. Architect, none. Owner, Walter
H. Creighton, 1141 Broadway, Oakland.
The dwelling will be erected at the
corner of Manor Drive and Holly
Place, and has been designed for an
eight-room house with baths and
sleeping porch. Interior finish will be
of pine and hardwood veneer. Hard-
wood floors will be used in the living
room, dining room and reception hall.
There will be furnace heat and open
fire places. Mantels will be of tile.
Bath rooms will have the wainscot and
floors. Automatic water heater will

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San Francisco

room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame. Cost not stated, Oakland, Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, J. M. Parks. The dwelling will be erected in the Claremont Tract, and has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine with some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures have been taken and are now under advisement.

RESIDENCE — 2 story and base, frame, \$6,000. Berkeley, Alameda Co., Cal. Architect, Julia Morgan, Merchants' Exchange Bldg., S. F. Owner, William Olney. The dwelling will be erected in the Claremont Tract and has been designed to contain eight rooms, bath and sleeping porch. Pine and hardwood veneer will be used for interior finish. There will be hardwood floors and beam ceilings. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and floor and will be equipped with showers. Exterior of the dwelling will be covered with cement plaster on metal lath. An automatic water heater will be installed. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, brick and frame, \$15,000. Oakland, Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, C. Laing. The building is now under construction at the corner of Grand avenue and Park View Terrace, and when complete will contain a number of two and three room suites. Interior finish will be of pine with some elm panels and oak floors. There will be steam heat and an oil-burning plant. All suites will have wall beds and private bath rooms. The architect is now taking figures for the following work: Brick work, metal lath, elevators, hardwood finish and floors, canvas decks, tile and marble work, galvanized iron work and terra cotta tile.

HOTELS—2, 7 story and base, brick and steel, \$50,000 each. Oakland, Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, A. C. Alken. These two buildings will be erected on adjoining property at the corner of 15th and Jefferson streets. There will be stores on the first floor besides the hotel office and lobby. Upper floors will be arranged for a large number of guest rooms, a large percentage of which will have connecting baths. Interiors will be finished in pine throughout. Some ornamental plaster will be used in the offices and lobbies. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will have tile wainscot and composition floors. Exteriors will be faced with pressed brick. Plans are complete and F. A. Muller, Syndicate Bldg., Oakland, is now taking segregated figures on the work.

be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE — 2 story and base, frame. Cost not stated, Oakland, Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, H. F. Jackson. The dwelling will be erected in the Crocker Highlands and has been designed for an eight-room house with two baths and sleeping porch. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will be finished in tile and equipped with showers. Exterior of the dwelling will be covered with cement plaster on metal lath. Preliminary sketches only have been prepared.

RESIDENCE — 2 story and base, frame. Cost not stated, Berkeley, Alameda Co., Cal. Architect, Lloyd A. Rally, 1731 Sonoma avenue, Berkeley.

Owner, W. W. Johnson. The dwelling has been designed for a seven-room house with bath and sleeping porch, and will be erected in Claremont. Interior finish will be of pine throughout. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will be finished in tile and will be equipped with showers. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCE — 2 story and base, frame. Cost not stated, Oakland, Cal. Architect, Julia Morgan, Merchants' Exchange Bldg., S. F. Owner, A. F. Hockenbeamer. The dwelling will be erected on a large lot and has been designed to contain eight rooms and bath. A garage will also be erected on the rear of the property. Interior will be finished in pine and hardwood veneer. Oak and inlaid floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath

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Bids for Plumbing, Oakland Public Schools.

Bids Opened By the Board of Education For Work at Garfield, Emerson and Manual Training.

Bids were opened by the Oakland Board of Education Tuesday night for furnishing the rough and finished plumbing in the Emerson, Garfield and Manual Training Schools. Bids ran as follows:

Plumbing, Oakland Schools.			
Bidder	Emerson	Garfield	Manual Training
J. B. Cruz.....	\$2,226	.....	\$2,828
C. R. Catton.....	2,199	3,869	2,899
F. S. Snook & Co.....	2,056	3,742	2,610
James Rankin & Son.....	2,234.65	3,734.85	3,074.90
Carl Doell.....	2,024	.....	2,645

RESIDENCE—2 story and abse, frame, \$3,000. Oakland, Cal. Architect, none. Owner C. E. Carlson, 1512 Grove street, Oakland. The dwelling will contain six rooms and bath, and will be erected on Thomas street west of Napa. Interior finish will be of pine. Some oak floors will be used. There will be furnace heat and open fire places. Mantels will be of tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

STORES—1 story and base, brick, \$5,000. Oakland, Cal. Architect, none. Owner, George Gruge, 1171 14th street, Oakland. The building will be erected on East 14th street west of 36th avenue, and has been designed to contain three modern stores. Interiors will be finished in pine throughout. Plate glass windows and patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

OFFICES—3 story and base, Class C construction, \$50,000. Oakland, Cal. Architects, Milvain Bros., Delger Bldg., Oakland, Owners, San Francisco-Oakland and Terminal Railroads. This work has been mentioned here a number of times before when the architects were first commissioned to prepare plans. The building will be erected at the corner of 22nd and Grove streets, and will be used as an administration building by the owners. Interior finish will be of pine with some hardwood veneer. There will be steam heat and a hot water supply. Special fireproof vaults will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken.

APARTMENT HOUSE ADDITION—2 story and base, frame. Cost not stated. Oakland, Cal. Architect, William Wilde, Albany Bldg., Oakland. Owner, B. Bercovlch. The building located at the northwest corner of Isabel and San Pablo avenue will undergo alterations and additions. Stores now occupying the first floor will be removed and a lobby and office for the apartments above will be installed. Upper floors will be remodeled and new plumbing, heating and electric work will be installed. Plans are complete and figures are now being taken.

COLLEGE BUILDING—2 story and base, reinforced concrete, \$40,000. Oakland, Cal. Architect, Frederick D. Boese, 45 Kearny street, S. F. Owners, California Concordia College. The building will occupy the center of a four-acre tract and itself will cover an area of 195 by 111 feet. Interior has been arranged for class rooms, assembly hall and dormitories. Pine and hardwood finish will be used. There will be steam heat and modern school plumbing. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken.

SEMI-REINFORCED CONCRETE, \$25,000. Berkeley, Alameda Co., Cal. Architect, State Architect, George B. McDougall, Sacramento. Owners, California School for the Deaf and Blind. Plans are complete and figures are now being taken for a gymnasium building at the School for the Deaf and Blind. Plans and specifications can be secured from the State Department of Engineering. An official proposal appears in another column of this issue. Bids will be opened on July 20th.

SEMI-REINFORCED CONCRETE, \$25,000. Berkeley, Alameda Co., Cal. Architect, State Architect, George B. McDougall, Sacramento. Owners, California School for the Deaf and Blind. Plans are complete and figures are now being taken for a gymnasium building at the School for the Deaf and Blind. Plans and specifications can be secured from the State Department of Engineering. An official proposal appears in another column of this issue. Bids will be opened on July 20th.

STORE—1 story, frame, \$5,000. Oakland, Cal. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner, G. L. Kibbe. The building will be erected at the corner of Redwood Road and Hopkins street, and has been designed to contain five small stores. Interiors will be finished in pine throughout. Patent store fronts will be used. Exterior of the building will be faced with cement plaster on metal lath. Plans are complete and figures are being taken.

MUNICIPAL AUDITORIUM—2 story and base, Class A construction, \$1,000,000. Oakland, Cal. Architects, Palmer & Horstbel, New York. Owners, City of Oakland. Bids will be called for within two weeks for the sheet metal works including a number of large skylights.

RESIDENCE—2 story and base, frame, \$5,000. Berkeley, Alameda Co., Cal. Architect, Claude B. Barton, First Trust and Savings Bank Bldg., Oakland. Owner's name withheld. The dwelling will be erected in Thousand Oaks Tract, and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine. There will be oak floors and tile bath rooms. Furnace heat and open fire places will be used. Mantels will be of tile. Exterior will be covered with cement plaster on metal lath. Plans are being prepared.

Building Contracts Awarded.

No.	Owner	Contractor	Am't.
1511	Trabucco.....	Trabucco	2000
1512	Fraser.....	Hambleton	750
1513	Nicholas.....	Cook	1500
1514	Pacific Hdware.....	Corbett	1000
1515	Brownlee.....	Johanson	5787
1519	Joyce.....	Bond	100
1520	Sevaggi.....	Bruecker	4043
1521	Imperial Garage.....	Heyer	24038

1522	Angiero.....	Griffin	500
1523	Stewart.....	Stewart	6000
1524	Creighton.....	Creighton	3800
1529	Clifford.....	Clifford	1500
1530	Kern.....	Bassett	600
1531	Midgley.....	Midgley	2000
1532	Sweet.....	Olson	1600
1533	Hammerberg.....	Owner	2500
1534	Alberger.....	Nielsen	6851
1537	Davis.....	Rountree	4000
1540	McGuinness.....	Owner	2000
1541	Johnson.....	Phang	2500
1542	Same.....	Same	2500
1543	Nethkin.....	Nethkin	1400
1544	Taylor.....	Taylor	400
1545	Johnson.....	Johnson	400
1546	Scarpulo.....	Same	500
1547	Winkleman.....	Peterson	5457
1552	Hughes.....	Anderson	450
1553	Dow.....	Dow	400
1554	Alder.....	Alder	1500
1555	Colt.....	Colt	2000
1556	Angelini.....	Benassini	500
1557	Pederson.....	Larsen	450
1558	Grube.....	Grube	5000
1559	Bon.....	Plutner	3286
1563	Sargent.....	Johnson	800
1564	Morganroth.....	Peterson	1500
1565	Carlson.....	Carlson	3000
1566	Muller.....	Muller	600
1567	Domato.....	Domato	400
1568	Langnese.....	Langnese	1950
1569	Hollidge.....	Hollidge	1950
1570	Bernardo.....	Sorensen	1732
1571	Beauchamp.....	Knight	2500
1572	Vance.....	Peterson	7842

(1511) W FORTY-SIXTH AVE 589 N B-14th, Oakland. One-story six-room dwelling. Owner.....Joe Trabucco, 2627 46th Ave., Oakland. Architect...None. Day's work. COST, \$2000

(1512) W FOURTEENTH AVE 330 S Hampel, Oakland. One-story 6-room dwelling. Owner.....C. Fraser, 661 43rd, Okd. Architect...None. Contractor..Fred Hambleton, 575 43rd, Oakland. COST, \$2750

(1513) S FORTY-SECOND 170 W Grove, Oakland. One-story 5-room dwelling. Owner.....J. S. Nicholas, 606 30th, Oakland. Architect...None. Contractor...R. S. Cook, 1087 41st, Okd. COST, \$1500

(1514) NO, 1234 WASHINGTON, Oakland, Alterations. Owner.....Pacific Hardware Co., 1224 Washington, Oakland. Architect...None. Contractor..Corbett & Bayliss, 1110 Franklin, Oakland. COST, \$1000

(1516) LOTS 14 AND 15 BLK 7 Map No. 4, Regents Park, Oakland Tp. All work for two one-story dwellings. Owner.....P. E. Williams, Oakland. Architect...None. Contractor..W. F. Cook

Filed June 15, '14. Dated June 11, '14.

Frames up 4
Rough plastered 4
Completed 4
Usual 35 days 4

TOTAL COST, \$1800

Bond, \$900. Surety, Pacific Coast Casualty Co. Limit, 90 days after June 12. Forfeit, none. Plans and specifications filed.

(1517) NE FOOTHILL BLVD & 35TH Ave., Oakland. One-story real estate office.

Owner.....Oakland Homes Corporation, 1st National Bank Bldg., Oakland.

Architect.....C. C. Dakin, 1st National Bank Bldg., Oakland.

Day's work.....COST, \$400.

(1519) NO. 2317 FILBERT, Oakland. Alterations.

Owner.....Mrs. C. Joyce, 2319 Filbert, Oakland.

Architect.....None.

Contractor.....J. Bond, 717 Castro, Okd.

COST, \$400

(1520) NW SEVENTH AND PINE, Oakland. Fire repairs to three-story frame hotel.

Owner.....G. B. Sevagali, 62 Dover, Berkeley.

Architect.....Righetti & Headman, Pheasant Bldg., San Francisco.

Contractor.....J. H. Bruecker, 1326 E-12th, Oakland.

COST, \$4043

(1521) W WEBSTER 191 N 14th N 65 W 200 S 50 E 150 S 15 E 150, Oakland. All work for two-story reinforced concrete garage.

Owner.....Imperial Garage & Supply Co., 1440 Webster, Oakland

Architect.....Chas. W. McCall, Central Bank Bldg., Oakland.

Contractor.....Anthony & Heyer, Dalziel Bldg., Oakland.

Filed June 16, '14. Dated June 12, '14.

Excavation completed and concrete footings in place.....\$ 25

Window frames, electric conduits, wood forms and steel reinforcement up to 2nd floor..... 2300

Concrete poured up to 2nd floor 3000

Window frames, electric conduits rough plumbing in place, all concrete poured, except 1st floor and side walks..... 3525

Roof framed and sheathed..... 1916

Roof dampproofing and sheet metal work completed..... 675

Plastered and mill work completed except sash, doors and glass 1616

Completed and accepted..... 3116

Usual 35 days..... 6025

TOTAL COST, \$24,098

Bond, \$12,049. Sureties, M. C. Anthony and C. W. Heyer. Limit, 90 days. Forfeit, \$10 a day. Plans and specifications filed.

(1522) NO. 917 EIGHTEENTH, Oakland. Alterations.

Owner.....A. A. Angliere, Premises.

Architect.....None.

Contractor.....C. M. Griffin, 746 5th Ave., Oakland.

COST, \$500

(1523) W RAMONA near Monticello, Piedmont. Erect two cottages.

Owner.....B. A. Stewart, 616 41st, Oakland.

Architect.....None.

Day's work.....COST, \$6000

(1524) MANOR DRIVE & HOLLY Place, Piedmont. Two-story residence.

Owner.....Walter Creighton, 1444 Broadway, Oakland.

Architect.....None.

Day's work.....COST, \$3800

(1529) W THIRTY-FIFTH AVE 160 N Hopkins, Oakland. One-story 4-room dwelling.

Owner.....J. B. Clifford, 3847 35th Ave., Oakland.

Architect.....None.

Day's work.....COST, \$1500

(1530) NO. 4135 THIRTY-NINTH AVE Oakland. Addition.

Owner.....Mrs. Helen Kern, Premises

Architect.....None.

Contractor.....E. D. Bassett, 804 Fruitvale Ave., Oakland.

COST, \$600

(1531) E STATEN AVE 150 N Grand Ave., Oakland. Fire repairs on three story frame apartments.

Owner.....C. W. Midgley, Dalziel Bldg., Oakland.

Architect.....None.

Day's work.....COST, \$3000

(1532) S HARMON AVE 250 N Seminary Ave., Oakland. One-story 5-room dwelling.

Owner.....M. Sweet, 5744 Harmon Ave., Oakland.

Architect.....None.

Contractor.....A. P. Olson, 2102 57th Ave., Oakland.

COST, \$1600

(1533) N E-THIRTY-FOURTH 100 W 13th Ave., Oakland. One-story five-room dwelling.

Owner.....A. Hammerberg, 3240 Adeline, Berkeley.

Architect.....None.

Day's work.....COST, \$2500

(1535) LOTS 1 AND 2 BLK "N" East Piedmont Heights, being Cor. Calmar and Paloma Aves., Oakland. All work for two-story and basement frame dwelling.

Owner.....Alameda Frances Alberger, Oakland.

Architect.....Chas. W. McCall, Central Bank Bldg., Oakland.

Contractor.....J. C. Nielsen, 849 Athens Ave., Oakland.

Filed June 17, '14. Dated June 9, '14.

Frame up, roof sheathed and chimney built.....\$1707.00

Brown coated..... 1707.00

Completed and accepted..... 1707.00

Usual 35 days..... 1730.50

TOTAL COST, \$6851.50

Bond, \$4000. Surety, Chicago Bonding & Surety Co. Limit, 100 days. Forfeit, \$1 a day. Plans and specifications filed.

(1537) E COR. MANOR DRIVE AND Holly, Piedmont. All work for two-story frame dwelling.

Owner.....A. C. Davis, Oakland.

Architect.....Wm. A. Newman, Hewes Bldg., San Francisco.

Contractor.....James Rountree, 5417 Shafter Ave., Oakland.

Filed June 17, '14. Dated May 23, '14.

Frame up and roof rafters on.....\$1000

Plastered and primed..... 1000

Completed and accepted..... 1000

Usual 35 days..... 1000

TOTAL COST, \$4000.

Bond, \$3000. Surety, Massachusetts Bonding & Insurance Co. Limit, July

23. Forfeit, \$2 a day. Plans and specifications filed.

(1540) N E-SIXTEENTH 112 W 57th Ave., Oakland. One-story six-room dwelling.

Owner.....Jas. McGuinness, 5615 E-16th, Oakland.

Architect.....None.

Day's work.....COST, \$2000

(1541) SE MORAGA & PLEASANT Valley, Oakland. One-story 5-room dwelling.

Owner.....C. J. Pfarr, 5487 Claremont Ave., Oakland.

Architect.....None.

Day's work.....COST, \$2500

(1542) NE PLEASANT VALLEY COURT and Pleasant Valley Ave., Oakland. One-story 3-room dwelling.

Owner.....C. J. Pfarr, 5487 Claremont Ave., Oakland.

Architect.....None.

Day's work.....COST, \$2500

(1543) W BROWN AVE 200 N Kansas, Oakland. One-story 5-room dwelling.

Owner.....H. Nethkin, 3755 Brown Av

Architect.....None.

Day's work.....COST, \$1100

(1544) NO. 423 WALSWORTH AVE., Oakland. Garage.

Owner.....G. Taylor, Premises.

Architect.....None.

Day's work.....COST, \$400

(1545) S E-EIGHTH opp. Fourth Ave., Oakland. Carpenter shop.

Owner.....F. Johnson, 1033 Poplar, Oakland

Architect.....None.

Day's work.....COST, \$100

(1546) S TWELFTH 100 W Webster, Oakland. One-story brick kitchen.

Owner.....O. Scarf, 1367 12th, Okd.

Architect.....None.

Contractor.....Bacius & Kennedy, 565 16th, Oakland.

COST, \$500

(1547) LOT 17 BLK 8 E Piedmont Heights, Oakland. All work for two-story frame dwelling.

Owner.....L. C. Winkleman, 1422 Filbert, Oakland.

Architect.....Chas. W. McCall, Central Bank Bldg., Oakland.

Contractor.....Peterson & Anderson, Okd.

Filed June 17, '14. Dated June 16, '14.

Frame up, roof sheathed and brick chimney up.....\$1363

Brown coated..... 1363

Completed and accepted..... 1363

Usual 35 days..... 1368

TOTAL COST, \$3457

Bond, \$2728. Surety, Aetna Accident & Liability Co. Limit, 100 days. Forfeit, \$1 a day. Plans and specifications filed

(1552) NO. 3330 WEBSTER, Oakland. Alterations.

Owner.....Mrs. Hughes, Premises.

Architect.....None.

Contractor.....W. E. Anderson, 12 Croxton Ave., Oakland.

COST, \$450

(1553) N SIXTY-SECOND 200 W Baker, Oakland. Reshingle and repairs.

Owner.....H. Dow, 1011 63rd, Okd.

Architect.....None.

Day's work.....COST, \$400

(1554) W FOURTEENTH AVE 33 S E-34th, Oakland. One-story 5-room dwelling.
Owner.....A. Alder, 2487 62nd Ave., Oakland.
Architect...None.
Day's work. COST, \$1500

(1553) S FIFTY-THIRD 135 W Shattuck Ave., Oakland. One-story five-room dwelling.
Owner.....C. B. Colt, 1542 Broadway, Oakland.
Architect...None.
Contractor...Roger Colt, 1542 Broadway Oakland. COST, \$2000

(1556) NO. 3151 MAGEE, Oakland. Addition.
Owner.....N. Angelani, Premises.
Architect...None.
Contractor...Pio Benassini, 5250 Boyd Ave., Oakland. COST, \$500

(1557) W EIGHTY-THIRD AVE 137 S E-14th, Oakland. One and one-half-story stable.
Owner.....H. J. Pedersen, 8231 E-14th Oakland.
Architect...None.
Contractor...H. K. Larsen, 3327 Elmwood Ave., Oakland. COST, \$450

(1558) N E-FOURTEENTH 100 W 36th Ave., Oakland. One-story brick stores (3 stores).
Owner.....Geo. Grube, 1171 14th, Okd.
Architect...None.
Day's work. COST, \$5000

(1559) SW TELEGRAPH AVE AND 37th S 58 41 W 100 S 100 W 50 N 120 E 150, Oakland. All work for one-story frame stores (3 stores).
Owner.....Marie I. Bon, 531 37th, Okd.
Architect...None.
Contractor...Jos. Flittner, 1700 35th Ave., Oakland.
Filed June 18, '14. Dated June 16, '14.
Frame up ¼
Brown coated ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, \$3356
Bond, none. Limit, 60 days. Forfeit, \$1. Plans and specifications filed.

(1563) E SEVENTY-FOURTH AVE 1800 N E-14th, Oakland. One-story 4 room dwelling.
Owner.....C. H. Sargent, 1632 74th Ave., Oakland.
Architect...None.
Contractor...W. Johnson, 1639 81st Ave., Oakland. COST, \$500

(1564) W FOURTEENTH AVE 140 N E-17th, Oakland. One-story 5-room dwelling.
Owner.....A. Morganroth, 1015 E-15th, Oakland.
Architect...None.
Contractor...C. Peterson, 1200 E-24th, Oakland. COST, \$1500

(1565) W THOMAS 50 N Napa, Oakland. Two-story 7-room dwelling.
Owner.....C. E. Carlson, 1512 Grove, Oakland.
Architect...None.
Day's work. COST, \$2000

(1566) E FIFTY-SECOND AVE 1500 N E-14th, Oakland. One-story four-room dwelling.

Owner.....H. E. Miller, 1460 52nd Ave., Oakland.
Architect...None.
Day's work. COST, \$600

(1567) NW EIGHTIETH AVE 140 N Olive, Oakland. Green house.
Owner.....Domato Bros., Premises.
Architect...None.
Day's work. COST, \$400

(1568) NO. 1107 NINETY-SECOND Ave., Oakland. Addition.
Owner.....Fred Langnese, Premises.
Architect...None.
Day's work. COST, \$500

(1569) N MANILA AVE 181 E College Ave., Oakland. One-story 5-room dwelling.
Owner.....George H. Hollidge, 5742 Claremont Ave., Oakland.
Architect...None.
Day's work. COST, \$1950

(1570) LOT 10 BLK 7 Map Meek Estate Orchard, Hayward. All work for one-story frame dwelling.
Owner.....Frank Bernardo, Hayward.
Architect...None.
Contractor...Sorensen Bros., Hayward.
Filed June 20, '14. Dated June 15, '14.
Rafters up ¼
Brown coated ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, \$1782
Bond, limit, forfeit, none. Plans and specifications filed.

(1571) AUSON AVE, bet. Olive and Blanch, Moss Auson Tract, Oakland. All work for one-story 5-room dwlg.
Owner.....Aurella M. Beachamp, Oakland.
Architect...None.
Contractor...Harry C. Knight, 522 25th, Oakland.
Filed June 20, '14. Dated June 5, '14.
Ceiling joists in place.....\$575
Ready for plaster..... 575
Plaster completed 575
Finished door jambs set..... 300
Completed and accepted..... 275
TOTAL COST, \$2200
Bond, none. Limit, 15 days. Forfeit, none. Plans and specifications filed.

(1572) NW BONITA AND OAKLAND Aves W 100xSW 100, Piedmont. All work except lathing and plastering for one-story and basement and attic frame dwelling and garage.
Owner.....Edgar H. Vance, 1911 Webster, Oakland.
Architect...Albert Farr, 68 Post, S. F.
Contractor...Peterson & Anderson, 100.
Filed June 20, '14. Dated June 19, '14.
Roof sheathed and chimney work completed\$1470
Ready for lathing..... 1470
Sash glazed, exterior mill work completed and 50% interior mill work on job..... 1441
Completed and accepted..... 1500
Usual 35 days..... 1961
TOTAL COST, \$7842
Bond, \$3921. Surety, Aetna Accident & Liability Co. Limit, 90 days. Forfeit, \$5. Plans and specifications.

Building Contracts Awarded.

Berkeley.

No.	Owner	Contractor	Am't.
1516	Williams	Cook	1800
1517	Old Hm Corp.	Owner	200
1518	White	Urfer	400
1525	Rinder	Allen	1000

1526	Robinson	Thompson	1000
1527	Kiddlehoff	Kiddlehoff	1000
1528	Scott	Larry	400
1536	Jones	Johanson	3957
1538	Small	Verner	1200
1539	Scuto	Parker	1300
1548	Underwood	Kluder	2300
1549	Saylor	Saylor	400
1550	Gentry	Dean	500
1551	Land	Land	1500
1560	Pearson	Pearson	2900
1561	Martell	Pearson	400
1562	Redfield	Thaxter	3000

(1515) LOT 8 BLK 4 Martin Kellogg Property, Berkeley. All work except finish hardware, plumbing fixtures, electric fixtures, shades, filling and cement walks for two-story and basement frame dwelling and garage.
Owner.....J. P. Brownlee, 1508 Fillmore, San Francisco.
Architect...Olin S. Grove, 2911 Telegraph Ave., Berkeley.
Contractor...Gustaf Johanson, 1811 Rose Berkeley.
Filed June 15, '14. Dated June 10, '14.
Frame up ¼
1st coat interior and exterior plaster on ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, \$5787
Bond, \$2593.50. Surety, Southwestern Surety Insurance Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(1518) N FULTON — S Cor. Allston, Berkeley. Fire repairs.
Owner.....Mrs. Francis White, 2142 Shattuck Ave., Berkeley.
Architect...None.
Contractor...Chas. E. Urfer, 555 Pine, San Francisco. COST, \$400

(1525) NO 2438 BOWDITCH, Berkeley. Addition.
Owner.....Capt. J. H. Rinder Prem.
Architect...None.
Contractor...F. E. Allen, 468 34th, Okd. COST, \$1000

(1526) NO. 41 PLAZA DRIVE, Berkeley. Addition.
Owner.....W. J. Robinson, 118 Bonita Ave., Piedmont.
Architect...None.
Contractor...E. A. Thompson, 666 60th, Oakland. COST, \$1000

(1527) S RIDGE ROAD 300 E Euclid Ave., Berkeley. Alterations and additions.
Owner.....Hanna Kiddlehoff, 2530 Ridge Road, Berkeley.
Architect...None.
Day's work. COST, \$1000

(1528) W GROVE 75 S Francisco, Berkeley. Alterations.
Owner.....Mrs. Scott, 5707 Oak Grove Ave., Oakland.
Architect...None.
Contractor...W. S. Parry, 2112 Grove, Berkeley. COST, \$400

(1526) LOT 16 BLK 17 Map North Cragmont, Berkeley. All work for two-story and basement frame dwlg.
Owner.....Sarah Scott Jones and Herbert Jones, 2175 Shattuck Ave., Berkeley.
Architect...Chas. F. Masten, 2600 Durant Ave., Berkeley.
Contractor...Gustaf Johanson, 1811 Rose Berkeley.
Filed June 17, '14. Dated June 13, '14.
Frame up\$1457

Brown coated	1500
Completed and accepted.....	1500
Usual 35 days.....	1500

TOTAL COST, \$3937

Bond, \$2975.50. Surety, National Surety Co. Limit, 90 days after June 13. Forfeited, none. Plans and specifications filed.

(1538) E ACTON 212 S Bancroft Way, Berkeley. One-story 4-room dwlg. Owner.....Deia Small, 6424 Essex, Oakland. Architect.....None. Contractor.....Chas. A. Werner, 2416 10th Berkeley.

COST, \$1200

(1539) N FAIRVIEW 200 E Adeline, Berkeley. One-story 5-room store and dwelling. Owner.....S. Santo, 1919 Fairview, Berkeley. Architect.....None. Contractor.....M. G. Barker, 1456 Harrison, Berkeley.

COST, \$1300

(1548) W SAN PABLO AVE 100 N Addison, Berkeley. Brick addition to theatre. Owner.....R. E. Underwood, 2041 Francisco, Berkeley. Architect.....None. Contractor.....Kiddler & McCullough, 2073 Addison, Berkeley.

COST, \$2500

(1549) NO. 1031 OXFORD, Berkeley. Concrete garage. Owner.....F. Saylor, Premises. Architect.....None. Day's work.....

COST, \$400

(1550) S BERKELEY WAY 200 W Grant, Berkeley. Alterations. Owner.....S. Gentry, 1728 Berkeley Way, Berkeley. Architect.....None. Contractor.....Al. Dean.

COST, \$500

(1551) W MAREL 240 S Ward, Berkeley. One-story 5-room dwelling. Owner.....George E. Lind, 479 Prentiss, San Francisco. Architect.....None. Day's work.....

COST, \$1500

(1560) N CHANNING WAY 150 W San Pablo Ave., Berkeley. One-story 5-room dwelling. Owner.....Ben Pearson, 2403 Grant, Berkeley. Architect.....None. Day's work.....

COST, \$2000

(1561) S AMADOR AVE 75 E Mariposa, Berkeley. Garage. Owner.....G. M. Martell, Premises. Architect.....None. Contractor.....Ben Pearson, 2403 Grant, Berkeley.

COST, \$400

(1562) NO. 2525 HEARST AVE., Berkeley. Alter 2-story flats into apartments. Owner.....Estate Lucretia M. Redfield. Architect.....None. Contractor.....F. W. Thaxter, 2454 Ashby Ave., Berkeley.

COST, \$3000

Building Contracts Awarded.

Alameda.

No.	Owner	Contractor	Amt.
1508	Ludemann	Arada	500
1509	West End	Owner	1250

1510 SchmidtSchmidt 5000
1534 PraughtWocker 2000
(1508) NO. 1313 CAROLINE, Alameda. Repairs. Owner.....A. H. Ludemann, Premises. Architect.....None. Contractor.....Thos. Arada, 861 Oak, Alameda.

COST, \$500

(1509) N SAN JOSE AVE 33 E of Peach Alameda. One-story 4-room dwlg. Owner.....West End Bldg. Ass'n., 1600 Webster, Alameda. Architect.....None. Day's work.....

COST, \$1250

(1510) NO. 564 CENTRAL AVE., Alameda. Bath rooms. Owner.....Ann Schmidt, Cottage Baths, Alameda. Architect.....None. Contractor.....Paul Schmidt, Premises.

COST, \$500

(1534) SW SAN ANTONIO AVE AND Chestnut, Alameda. Interior decorating, painting and varnishing for St. Joseph's Church. Owner.....Rev. J. B. Praught, Ala. Architect.....Cunningham & Politeo, 1st Nat'l. Bank Bldg., S. F. Contractor.....A. C. Wocker, 1370 Street, San Francisco.

Filed June 17, '14. Dated June 13, '14.
1st day of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$2000

Bond, \$1000. Surety, National Surety Co. Limit, Aug. 20. Forfeited, \$10 a day. Specifications only filed.

COMPLETION NOTICES.

ALAMEDA COUNTY.

June 13, 1914—LOT 15 BLK 2 Map Thousand Oaks Heights, Oakland Tp. J H Spring by George Friend to Spring Constr Co., June 12, 1914
June 13, 1914—LOT 11 BLK 17 Map Northbrae, Bkly. W G Appleton to Spring Constr Co., March 15, 1914
June 15, 1914—LOT 30 BLK 18 Map Northbrae, Bkly. W G Appleton to Spring Constr Co., April 5, 1914
June 16, 1914—W THIRTY-EIGHTH Ave 129.73 SW Old County Road W 265.31 SW 6.04 SW 60.22 SE 180.5 SE 71.55 NE \$2.73, Okd. Mrs C S Sherwood to Jos Flittner, June 15, '14
June 16, 1914—W SPRUCE — N Los Angeles Ave, being Lot 49 Bk 1, Berkeley Heights, Bkly. L O Hansson to Louis Hansson, June 9, 1914
June 17, 1914—NW RAWSON AND Trask Ave, Okd. J De Costa to H S Butler, June 6, 1914
June 17, 1914—LOT 9 BLK 17 Northbrae, Bkly. Tom R Wheidon to H H Schuessler, June 15, 1914
June 18, 1914—ELEVATED STRUCTURE of 16th Street Depot, Okd. Southern Pacific Co to C H Krueger, June 15, 1914
June 18, 1914—LOTS 22 AND 23 B Regents Park Add'n in Thousand Oaks, Oakland Tp. H B Van Etten to J F Loughery, June 18, 1914
June 18, 1914—IN FRONT OF LOTS 82, 83 and 84 Bk bounded by Harlan, Estabrook and Clark Sts and right of way of S P Co., also ptn Lots 97 and 98 and all Lots 99 and 100 block bounded by Estabrook, Wicks Landing Ave, Clark & right of way of S P Co. San Leandro. Western Pacific Railway Co to Ernest H Sundberg, June 16, 1914

June 18, 1914—4 MILES FROM Pleasanton Tp. J Witt Dougherty to J Looney Co, June 12, 1914
June 18, 1914—LOT 143 Higgins Tract, Bkly. F H Dalley to O S Bullock, June 16, 1914
June 19, 1914—LOT 59 BLK 2 Berkeley Heights, Bkly. Georgine C. Knoll to L S Lewis, April 21, 1914
June 19, 1914—W RAWSON 40 N Trask being ptn Lots 10 and 11 Bk "A" Seenic Blvd Kn-Il Tract, Bkly. Rosa B Tremble to J W Monroe, June 3, 1914
June 19, 1914—(1) NE CHANNING Way and McKinley Ave N 80 E 37; (2) N Channing Way 74 E McKinley Ave E 37 N 80; (3) N Channing Way 148 E McKinley Ave N 120 E 36.96 S 120 W 37.68, Bkly. Basil K Denbigh to Patrick Nelson Bldg Co., June 18, 1914
June 19, 1914—N 10 LOT 2 all Lot 3 and S 4-2 Lot 4 Bk "D" Map Broadway Terrace, Okd. R H Banning and Jas E Stewart to whom it may concern, June 13, 1914

LIENS FILED.

ALAMEDA COUNTY.

June 13, 1914—LOT 4 BLK 9 Map Claremont, Berkeley, California Standard Pl Mill Co, \$235.30; McKibben & Taylor, \$400 vs Bay City Bldg Co, Helena Ka'hryn and Jas C Bowman
June 15, 1914—W HARRISON 456 N 14th N 50 W 150, Okd. P J Kollich, \$75; E S Thompson, \$259.73 vs Wm I Reed, L A Brown and L Snook
June 18, 1914—LOT 58 Resubdivision Peralta Park, Bkly. Hooper-Dombink Art Glass Co vs E B Fontaine, Alberta Fontaine, Viola E Studor and C M Blabon\$14
June 19, 1914—NW TENTH AVE 100 NE E-20th NE 50xNW 100, Okd. Hogan Lumber Co vs A Y Skee\$402.90

ABANDONMENT OF HOMESTEAD.

ALAMEDA COUNTY.

June 17, 1914—SW MINTURN AND Eagle Ave W 58xS 95, Alameda. E H and J M Carlson (husband)...

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

BRIDGE—Frame and concrete. Cost not stated. San Rafael, Marin Co., Cal. Engineer, Coun. Surveyor San Rafael. Owners, Marin County. Bids will be opened on July 7th for constructing a wood and concrete bridge over Nicastro Creek in Marin County. Plans and specifications can be secured from the County Engineer.

BRIDGE—Reinforced concrete and steel. Cost not stated. Napa, Napa Co., Cal. Engineer, City Engineer, Napa. Owners, City of Napa. Plans for a new bridge of the steel and reinforced concrete type to be erected over the Napa River on East First street have been completed. Bids are now being called and will be opened on July 2nd. Plans and specifications can be secured from the City Clerk.

SEWER WORK. MANHOLES, ETC. —Cost not stated. San Rafael, Marin Co., Cal. Engineer, City Engineer, San Rafael. Owners, City of San Rafael. Plans have been completed and bids will be opened on June 29th for sewer

work in the town of San Rafael. The work will require approximately the following quantities: 41 brick or concrete manholes, 16 lampholes with 6 inch pipe, 397 feet 12 inch pipe, 124 feet 10 inch pipe, 210 feet 8 inch and 850 feet 6 inch. Plans and specifications can be secured from the City Clerk, Eugene W. Smith. An official proposal appears in another column of this issue.

BATH HOUSE EQUIPMENT—Cost not stated. San Rafael, Marin Co., Cal. Architect, Thomas O'Connor, San Rafael. Owners, City of San Rafael. Bids are now being called for on the mechanical equipment for the new Public Baths being erected in San Rafael. The work includes the following: Steam heating, flush and salt water heating, swimming pool supply and heating, steam generating and distributing engine, power transmission and laundry equipment. Bids will be opened on June 29th. Plans and specifications can be secured from the City Clerk.

LIBRARY—1 story and base, reinforced concrete. Cost not stated. San Anselmo, Marin Co., Cal. Architect's name not given. Owners, Town of San Anselmo. Bids opened for the construction of this building show Fred Field low at \$9,000. He will probably be awarded the contract. Bids ran as high as \$10,500.

CHURCH—1 story and base, frame and plaster, \$18,000. Dixon, Solano Co., Cal. Architect, John J. Foley, 46 Kearny street, S. F. Owners, Roman Catholic Church of Dixon. The building has been designed in the Mission style and will contain a main auditorium and Sunday school rooms. Interior finish will be of pine and redwood with ornamental plaster in the main auditorium. There will be a central heating system, probably warm air. Art glass and marble are specified. Exterior of the building will be covered with cement plaster on metal lath. Bids have been taken and a contract will be awarded shortly.

WATER TOWER AND STEEL TANK—Cost not stated. San Rafael, Marin Co., Cal. Engineer, City Engineer, San Rafael. Owners, City of San Rafael. Plans are complete and figures will be opened on June 29th by the City Council for constructing a water tower and steel tank. Tank will have capacity of 60,000 gallons. Plans and specifications can be secured from the City Engineer or the City Clerk.

BRIDGE—Reinforced concrete. Cost not stated. Sausalito, Marin Co., Cal. Engineer, Constructing Quartermaster's Office, Fort Mason. Bids are now being taken for a reinforced concrete bridge to be erected at the entrance to Fort Baker. The cost will be divided between the War Department and the town of Sausalito.

TANK FARM—15 steel oil tanks. Cost not stated. Richmond, Contra Costa Co., Cal. Engineer, Engineering Dept Standard Oil Co., Standard Oil Bldg., S. F. Owners, Standard Oil Co. Work has been started on 15 large steel oil tanks and is progressing rapidly. The company intends to erect 15 of these tanks before the close of 1914.

STORES AND OFFICES—2 story and base, brick. Cost not stated. Richmond, Contra Costa Co., Cal. Architect, J. B. Ogborn, Richmond. Owners, Charles J. Crary and M. Heinzon. The building will be erected on Macdonald avenue near 9th, and will cover an

area of 50 by 80 feet. There will be four stores on the first floor. Upper floor will be arranged for offices. Interior finish will be of pine throughout. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

HOTEL—2 story and base, brick. \$50,000. Point Reyes, Marin Co., Cal. Architect's name not given. Owner, Mr. Grandi. Contractor, Stewart Scott, Petaluma. Contract price, \$50,000. Note: The building will cover a ground area of 100 by 120 feet.

BUILDING CONTRACTS.

MARIN COUNTY.

SITUATE IN SAN ANSELMO, Marin Co. Excavation, concrete and carpenter and wood work for one-story reinforced concrete garage. Owner.....W. C. Wessell, 1341 Stockton St., San Francisco. Architect...J. A. Porporato, 619 Washington St., San Francisco. Contractor...Marin County Rock Co., (a Corp.)

Filed June 15, '14. Dated June 13, '14.
Wooden forms up.....\$500
All forms filled with concrete... 600
When accepted..... 600
Usual 35 days..... 625

TOTAL COST, \$2325

Bond, none. Limit, 30 working days. Forfeit, none. Plans and specifications filed.

SAN RAFAEL, Marin Co. Carpenter work, concrete work, painting, etc., for one-story frame garage building. Owner.....J. Albert, San Rafael. Architect...Thos. O'Connor, San Rafael.

Contractor...T. J. Mosely, San Rafael. Filed June 18, '14. Dated June 17, '14.
Frame up.....\$737.50
When enclosed..... 737.50
When completed..... 737.50
Usual 35 days..... 737.50

TOTAL COST, \$2950.00

Bond, \$737.50. Surety, Chicago Bonding & Surety Co. of State of Illinois. Limit 40 working days. Forfeit, none. Plans and specifications filed.

"CHICKEN POINT," San Rafael, Marin Co. Carpenter work, electrical work, painting, etc., for one-story frame bungalow.

Owner.....Roger Bocqueroz, Chicken Point near San Rafael, Cal. Architect...John Baur, Sharon Bldg., San Francisco.

Contractor...S. Saari, 45 Kearny, S. F. Filed June 17, '14. Dated June 9, '14.
Floor joists on.....\$330
Frame ready..... 330
When painted..... 330
When finished..... 330
Rough plumbing in..... 330
Usual 35 days..... 550

TOTAL COST, \$2200

Bond, none. Limit, 45 working days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED ACCEPTED
June 15, 1914—LINDA VISTA TRACT, San Anselmo. Hans Walder to whom it may concern, June 12, 1914
June 16, 1914—BOLSA VALLEY TCT,

Mill Valley. Grant E Appelby to Fred E Roemer.....June 13, 1914

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
June 16, 1914—LOT 7 BLK "E" Map of Nicholl Subvn, Richmond. Hoyt & Greene, Inc to T S Handley..... June 7, 1914

SAN JOSE AND THE SANTA CLARA VALLEY

BRIDGE EXTENSION—Reinforced concrete. Cost not stated. San Jose, Santa Clara Co., Cal. Engineer, County Surveyor, Court House, San Jose. Owners, Santa Clara County. Plans for the extensions to be built to the reinforced concrete bridge over Liagas Creek on Martin avenue, San Jose, have been completed and figures are now being called. Bids will be opened by the Board of Supervisors on July 20th. Plans and specifications can be secured from the County Surveyor.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

NO. 547 N-THIRD ST., San Jose. Six-room cottage.
Owner.....Thomas Lynn, 76 E-Julian St., San Jose.
Architect...F. D. Wolfe, National Bank Bldg., San Jose.
Contractor...C. F. Keesling, 347 Coe Ave., San Jose.
COST, \$2500

NW FIFTH AND LEWIS STS., San Jose. One-story warehouse.
Owner.....J. F. Pyle & Sons, Prem.
Architect...None.
Day's work. **COST, \$400**

NO. 455 N-SEVENTEENTH ST., San Jose. Six-room cottage.
Owner.....E. D. Wells, 445 N-17th St., San Jose.
Architect...None.
Day's work. **COST, \$2000**

NO. 673 N-FIRST ST., San Jose. Seven room cottage and garage.
Owner.....G. L. Holium, Premises.
Architect...Ye Plan Shop, Theatre Bldg., N-1st St., San Jose.
Contractor...J. E. Perkins, 1100 E. Santa Clara St., San Jose.
COST, \$3215

NO. 475 N-SAN PEDRO ST., San Jose. Three-room cottage.
Owner.....Mrs. W. Wright, Premises.
Architect...None.
Day's work. **COST, \$725**

NO. 159 GRANT ST., San Jose. Six-room cottage.
Owner.....Kelley Bros., Premises.
Architect...None.
Day's work. **COST, \$1800**

NO. 288 S-NINTH ST., San Jose. Six-room cottage.
Owner.....C. C. Lewis, 447 S-15th St., San Jose.
Architect...None.
Day's work. **COST, \$2925**

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BUILDING CONTRACTS.

SAN MATEO COUNTY.

COLUMBUS AVE & ADELINE DRIVE. Easton. All work except grading, plumbing, painting and electric work necessary to complete one-story reinforced concrete garage. Owner.....C. Frederick Kohl, San Mateo.

Architect.....Howard & White, Lick Bldg., San Francisco.

Contractor.....John Mac Bain, Menlo Pk. Filed June 12, '14. Dated May 25, '14.

Monthly payments to the amount of 75% of labor and materials furnished\$11,836.50
Usual 35 days 3,945.50

TOTAL COST, \$15,782.00

Bond, \$7,891. Surety, Fidelity & Deposit Co. of Maryland. Limit, 90 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED

June 5, 1914---LOT 1 BLK "A" Mission Street Trct, San Mateo Co. Antonio Guecho to G E Doering. June 4, 1914 June 5, 1914---LOTS 75, 76, 78 less 3 acres, Occidental Land & Improvement Co., Hillsborough. George A Pope to Van Sant-Houghton Co. May 29, 1914

June 6, 1914---UPLANDS, Hillsborough. Charles T Crocker to McGilvray Stone Co. June 2, 1914

June 8, 1914---UPLANDS, Hillsborough. Charles Templeton Crocker to Mangrum & Otter.... June 2, 1914

June 8, 1914---LOT 32 BLK 47, San Mateo. H R Hicks to W C Barrick June 1, 1914

June 11, 1914---LOTS 4 AND 8 BLK 11, East San Mateo. George W McElwain to S A Nelson. June 5, 1914

June 12, 1914---VALPARAISO AVE. Menlo Park. Academy of the Sacred Heart to R G Graham. June 3, 1914

June 13, 1914---LOTS 21, 25 AND 26 Blk 4, Crocker Tract, Daly City. Board of Trustees of Daly City to G J Doering. June 12, 1914

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

POST OFFICE---2 story and base, brick and stone, \$52,000. Hanford, Kings Co., Cal. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids opened for the construction of the new Federal Building at

Hanford show Frank Gallagher of San Francisco low at \$52,990 for limestone and \$52,790 for sandstone. He will probably be awarded the contract. A complete list of the bids received will be found under the heading of Fresno, Modesto and Central California in this issue.

HEATER AND MIXER---Cost not stated. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. Bids are now being called for and will be opened on July 6th for a combined heater and mixer for bituminous road materials. Full particulars can be secured from the City Clerk.

SCHOOL ADDITION---1 story, brick and concrete. Cost not stated. Fresno, Fresno Co., Cal. Architect, W. D. Coates, Kowal Bldg., Fresno. Owners, City of Fresno. Plans are complete and bids are now being taken for an addition to the shop building of the present Fresno High School. Plans and specifications can be secured from the architect. Bids will be opened on July 2nd.

BRIDGES---2, timber pile and concrete. Cost not stated. Kernville, Kern Co., Cal. Engineer, County Surveyor Buffington, Bakersfield. Owners, Kern County. Bids will be opened on July 15th for two bridges across the North Fork of the Kern River. Plans and specifications can be had from the County Surveyor.

SUBWAY---Concrete construction, \$50,000. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. The City Engineer is preparing plans for two subways, each 15 feet in the clear, to be built across the Southern Pacific tracks at Monterey street. Bids will be called for shortly.

SCHOOL ADDITION---2 story and base, brick, \$50,000. Bakersfield, Kern Co., Cal. Architect, Orville L. Clark, Bower Bldg., Bakersfield. Owners, Kern County High School District. Plans are being prepared for a two-story addition to the Kern County High School. Plans are nearly complete and bids will be called for shortly. Further mention will be made of the work.

SCHOOL---2 story and base, brick, \$45,000. Lindsay, Tulare Co., Cal. Architect, F. W. Griffin, Visalia. Owners, Lindsay School District. The building will contain eight class rooms, assembly hall and office. Interior finish will be of pine. There will be a steam heating system, oil burning equipment and modern school plumbing. Exterior will be faced with pressed brick. Plans are being prepared.

E. H. Williams

Chalmer Munday

Munday & Williams

Attorneys-at-Law

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ADMINISTRATION BUILDING---Cost not stated. Atascadero, San Luis Obispo Co., Cal. Architects, Bliss & Paville, Balboa Bldg., S. F. Owners, Atascadero Colony. Plans have been completed and figures are now being taken for the main administration building which is to be erected at the Atascadero Colony in San Luis Obispo County for the Atascadero Community, a company promoted by Lewis, of University City fame and publisher of the "Women's World." It is the intention of the company to build a complete city with warehouses, cold storage plant, factories, packing houses, stores, hotel and life apartments. The company holds several thousand acres of rich farm lands which are all under option and which will be farmed under the scientific direction of the best authorities in California. The administration building will be three stories high, of reinforced concrete construction and will cost over \$100,000. Excavation and foundation work has been completed and figures are being taken on other parts of the work. Work is progressing rapidly on plans for the other buildings and contracts will be let shortly.

Contracts Awarded.

ELECTROLIERS---\$15,000. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. Contractors, Ne Page & McKinney Co., Seattle. Contract price, \$45,000.

Frank Gallagher Low On Hanford P. O.

Seven Bids Received and all From California Firms. Work Will Probably Be Awarded.

(By Special Wire.)

WASHINGTON, D. C., June 18, 1914---Seven sets of figures were opened in the Supervising Architect's office today for the construction of the new Federal Building at Hanford, Kings Co., California. All bidders were from California. Bids were taken for both limestone and sandstone facing. Frank Gallagher of San Francisco submitted the lowest figures at \$52,990 for limestone and \$52,790 for sandstone. A complete list of the figures follow:

Hanford Post Office.

Bidder	Limestone Sandstone	Total
Frank Gallagher, S. F.	\$52,990	\$52,790
J. B. Reite, S. F.	53,263	53,241
Trewhitt & Shields Co.		
Fresno	53,700	54,000
The Kling Co., L. A.	53,830	54,130
G. Monson, S. F.	55,937	56,637
P. J. Lynch, S. F.	61,798	61,595
Johnsons Bros., Kingsburg	65,945	65,742

BUILDING CONTRACTS.

FRESNO COUNTY.

PORTION OF LOTS 17 TO 22 BLK 85 (150 feet on J St and 65 feet deep on Fresno St.), Fresno. All work for four-story Class "A" office building.

Owner.....L. L. Cory, Fresno.
Architect...E. Mathewson, Forsyth Bldg., Fresno.

Contractor...Emmett Higgins and A. A. Palmer, Fresno.

Filed June 15, '14. Dated June 10, '14.
75% of cost of labor and materials used when concrete foundations are in place..... 25%
Monthly payments thereafter of 75% of cost of labor and materials used each month..... 25%
Usual 35 days..... 25%

TOTAL COST, \$103,324
Bond, \$52,000. Surety, Fidelity & Deposit Co. of Maryland. Limit, 200 working days. Forfeit, \$100 per day. Plans and specifications filed.

plumbing and gas fitting, electric wiring, heating and ventilating, elevators, sweeper system, painting, glass and glazing, marble mosaic, tile and terrazzo, hardware and terra cotta work.

LEVEE WORK—Cost not stated. Yuba City, Sutter Co., Cal. Engineer, County Surveyor, Yuba City. Owners, Levee District No. 1, Sutter County. Bids are now being called for on excavating and furnishing material for about 90,000 cubic yards and 30,000 cubic yards respectively of levee work. Bids will close on June 27th. Plans and complete particulars can be secured from the County Surveyor, Yuba City.

CHURCH—1 story and base, frame and plaster, \$10,000. Ukiah, Mendocino Co., Cal. Architect, John J. Foley, 46 Kearny street, S. F. Owners, Roman Catholic Church of Ukiah. The building will be arranged for a main auditorium and Sunday school rooms. Interior finish will be of pine with some ornamental plaster in the auditorium. A central heating system will be installed. Art glass windows will be used. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

CHURCH—2 story and base, frame and concrete, \$25,000. Stockton, San Joaquin Co., Cal. Architect, John J. Foley, 46 Kearny street, S. F. Owners, St. Gertrude's Parish. The building will be erected on a corner site and will be of concrete and frame construction. Besides the auditorium and Sunday school rooms there will be social hall and study. A central heating system will be installed. Art glass and marble are specified. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

HOSPITAL COTTAGE—1 story and base, concrete, \$18,000. Eldridge, Sonoma Co., Cal. Architect, State Architect George B. McDougall. Sacramento. Owners, State of California. Plans are complete and figures are now being taken for construction of a cottage for epileptics at the Sonoma State Home. Construction will be of reinforced concrete. Interior finish will be of pine. There will be a central heating system. Exterior of the building will be faced with cement plaster. Bids will be opened on July 21st. An official proposal appears in another column of this issue. Plans and specifications can be secured from the State Department of Engineering, Sacramento.

SCHOOL—2 story and base, brick, \$75,000. Stockton, San Joaquin Co., Cal. Architects, Stone & Wright, 24 South California street, Stockton. Owners, City of Stockton. Plans have been approved by the Board of Education for a new building on Sacramento Road. There will be twelve class rooms, assembly hall and manual training department. Interior finish will be of pine throughout with maple floors in the class rooms. There will be steam heat, oil-burning equipment and modern school plumbing. Exterior of the building will be faced with red pressed brick. Plans are now being completed.

STATE HIGHWAY WORK—Cost not stated. California Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids will be opened on July 6th for highway work in the following counties: Tehama, Yolo, Santa Cruz, Santa Barbara and San Benito.

In the afternoon of the same day bids will be opened for highway work in Shasta, San Luis Obispo, Kern, Ventura and San Diego Counties. Full particulars of the work can be secured from the Highway Commission.

CONCRETE GIRDER BRIDGE—Cost not stated. San Luis Obispo, San Luis Obispo Co., Cal. Engineer, City Engineer, San Luis Obispo. Owners, City of San Luis Obispo. Plans for a concrete girder bridge to be erected over the San Luis Obispo River at Nipomo street are complete. Plans can be secured from the City Clerk or Engineer. Bids will be opened on July 6th.

Contracts Awarded.

SCHOOL—1 story and base, brick, \$25,000. Stockton, San Joaquin Co., Cal. Architects, Stone & Wright, 24 South California street, Stockton. Owners, City of Stockton. Contractors, Chirhard & Nysted, 307 West Poplar street, Stockton, general construction. Contract price, \$23,098. Bids were also opened at the same meeting of the Board of Education for plumbing, heating and ventilating and oil burning equipment for a number of Stockton schools. A complete list of the bids will be found under the heading of Sacramento, Stockton and Northern California in this issue.

Stockton School Work Bids Are Opened.

Bids Are Received For Lincoln School Construction, Oil Burners and Heating and Ventilating.

STOCKTON, SAN JOAQUIN CO., CAL. June 18th, 1914.—The Board of Education opened bids for the construction of the new Lincoln School, a one-story brick building designed by Architects Stone & Wright, and awarded the contract to Chirhard & Nysted of Stockton for \$23,098. Bids were also opened at the same meeting for oil burning plants in five schools, for the heating and ventilating equipment in the Jefferson, Weber and Lincoln schools, and for finish hardware. No awards were made for the latter three items.

A complete list of the bids as opened follows:

Lincoln School Construction.
Robert Powell, Stockton..... \$23,971
George Shannon, Modesto..... 27,163
Chirhard & Nysted, Stockton..... 23,098
James L. Daley, Stockton..... 25,495
O. B. Ackerman & Sons, Okla..... 26,689

Oil Burning Equipment, Six Schools.
Paul Harry Co.—High School, \$832;
Jackson, \$785; North, \$755; Jefferson, \$785; Lincoln, \$864; Weber, \$689. All six, \$4465.

Fess System Co.—High School, \$935; Jackson, \$785; North, \$765; Jefferson, \$800; Lincoln, \$800; Weber, \$775. All six, \$4,550.

Edward Gnegow—High School, \$853; Jackson, \$850; North, \$834; Jefferson, \$842; Lincoln, \$830; Weber, \$826. All six, \$4,965.

J. C. Hurley Co., S. F.—High School, \$910; Jackson, \$925; North, \$793; Jefferson, \$850; Lincoln, \$830; Weber, \$850. All six, \$4,950.

San Joaquin Oil & Burner Co.—High School, \$845.39; Jackson, \$869.41; North, \$798.39; Jefferson, \$845.29; Lincoln, \$788.39; Weber, \$860.39; No combined bid submitted. Bids referred to architects.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

SCHOOL—1 story, frame, \$15,000. Modesto, Stanislaus Co., Cal. Architect, Joseph Loskann, San Joaquin Bldg., Stockton. Owners, City of Modesto. The building has been designed for an open air school and will contain two class rooms. Interior finish will be of pine throughout. Exterior of the building will be covered with rustic. Plans are now being prepared.

RESIDENCE—2 story and base, frame. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, Walter King, Elks' Bldg., Stockton. Owner, W. H. Bennett. The dwelling will be erected at the northeast corner of Flora and Sutter streets and has been designed for a seven-room house with bath. Pine and redwood will be used for interior finish. There will be some hardwood floors. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room and kitchen will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCES—1 and 2 story and base, frame. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, none. The following Day Labor jobs are reported as about to be started in Stockton: Martino Oneto, 435 North Stanislaus, 1 story five-room, \$1,500; Mrs. Bona, 816 East Washington, 2 story, frame, six-room, \$2,200; Robert A. Melton, 1128 North Commerce, 1 story, frame, \$1,000.

BANK AND OFFICES—10 story and base. Class A construction. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, L. B. Dutton, Chronicle Bldg., S. F., associated with Architects Stone & Wright, Stockton. Owners, Commercial and Savings Bank of Stockton. Officials of the bank have advertised for subfigures on the following parts of the work: Concrete, cement work and fireproofing, brick work and terra cotta setting, stone work, lumber and mill work and labor, sidewalk lights and doors, ornamental iron work, sheet metal work, roofing, metal furring and lathing, plastering,

Heating and Ventilating.

Bids for the heating and ventilating equipment in the Jefferson, Weber and Lincoln Schools were taken under three propositions as follows:

Prop. A, each school separate. Prop. B, three schools combined and Prop. C, deduct if Union blower is substituted for American blower.

J. C. Hurley, S. P. Prop. A—Jefferson, \$5,217; Weber, \$5,255; Lincoln, \$3,175. Prop. B—\$12,375. Prop. C—Jefferson, \$95; Weber, \$50; Lincoln, \$—.

Edward L. Gnekow, Prop. A—Jefferson, \$5,873; Weber, \$5,700; Lincoln, \$4,589. Prop. B—\$16,162; Prop. C, no bid.

Roberts M. Wilson, Prop. A—Jefferson, \$5,600; Weber, \$5,725; Lincoln, \$4,600. Prop. B—\$15,925. Prop. C, no bid.

John G. Sutton Co., S. F., Prop. A—Jefferson, \$5,340; Weber, \$5,520; Lincoln no bid. Prop. B, no bid. Prop. C, no bid.

Pacific Fire Extinguisher Co., S. F., Prop. A—Jefferson, \$7,017; Weber, \$6,987; Lincoln, \$4,356. Prop. B, \$18,100. Prop. C, no bid.

Robert Dabziel Jr., S. F., Prop. A—Jefferson, \$5,374; Weber, \$5,413; Lincoln, \$3,360. Prop. B, \$13,997. Prop. C—Jefferson, \$110; Weber, \$95; Lincoln, no bid.

Selbert Co., Prop. A—Jefferson, \$5,120 Weber, \$5,218; Lincoln, \$3,302. Prop. B, \$13,315. Prop. C—Jefferson, \$92.40; Weber, \$83; Lincoln, \$45.

Pacific Blower & Heating Co., Prop. A—Jefferson, \$5,000; Weber, \$5,000; Lincoln, \$4,200. Prop. B, \$12,785. Prop. C, no bid.

Pahl-Harry Co., Prop. A—Jefferson, \$5,087; Weber, \$5,257; Lincoln, \$3,175. Prop. B, \$13,218. Prop. C—Jefferson, \$90; Weber, \$90; Lincoln, \$50.

All bids referred to architects.

Hardware, Two Schools.

Lincoln North
Austin Bros. \$456.00 \$310.00
Willard-Morgan Co. 775.00 465.00
Stockton Implement Co. \$62.45 387.53
(Both \$95.00)

Bids were referred to the architects.

BUILDING CONTRACTS.**SACRAMENTO COUNTY.****(Correction in Location.)**

N 70 FEET OF S 140 FEET E ¼ LOT 7, J. K. 5th and 6th Sts., Sacramento. One-story garage.

Owner.....Wright & Kimbrough, 817 J St., Sacramento.

Architect...None.

Contractor...Murcell & Haley, 2nd and V Sts., Sacramento.

Filed June 13, '14. Dated June 10, '14. COST, \$2083

W ½ LOT 3, K. L. 3RD AND 4TH STS., Sacramento. Three-story brick building.

Owner.....Jas. H. Donnelly and F. E. Wright, 1421 11th St., Sacramento.

Architect...None.

Contractor...Barton & Hite, 181 L St., Sacramento.

COST, \$16,346

Filed June 15, '14. Dated June 12, '14.

FLORENCE AVE near Schley, Lot 71, Yoerk Court, Sacramento. One-story six-room dwelling.

Owner.....J. H. Atkins, 319 Forum Bldg., Sacramento.

Architect...None.

Contractor...E. A. Pierce, 214 Forum Bldg., Sacramento.

COST, \$3300

E ½ N 70 FEET LOT 7 AND W ½ N 70 feet Lot 6, O. P. 4th and 5th, alley O. P. 4th and 5th Sts., Sacramento. One-story frame addition to building.

Owner.....Sacramento Laundry, Front and O Sts., Sacramento.

Architect...None.

Contractor...Thielbahr & Bendar, 2901 C St., Sacramento.

COST, \$400

NO. 619 TWENTY-SIXTH ST. being S ½ N ½ Lot 8, F. G. 26th and 27th Sts., Sacramento. One-story 5-room and sleeping porch dwelling.

Owner.....J. G. Miller, 2601 G St., Sacramento.

Architect...None.

Contractor...J. A. Silva, 415 11th St., Sacramento.

COST, \$2850

NO. 825 E ST., being E ½ Lot 6, D. E. 8th and 9th Sts., Sacramento. Finish basement and change dwelling into 2 flats of 3 and 4 rooms each.

Owner.....Joseph Marzen Jr., Prem.

Architect...None.

Contractor...I. J. Durand, 220 Ochsner Bldg., Sacramento.

COST, \$1600

FLORENCE AVE near Schley, being N 70.17 Lots 55 and 56 Yoerk Court, Sacramento. One-story 6-room frame dwelling.

Owner.....E. A. Pierce, 214 Forum Bldg., Sacramento.

Architect...None.

Contractor...E. A. Pierce, 214 Forum Bldg., Sacramento.

COST, \$3200

FLORENCE AVE near Schley, S 40 feet Lots 85 and 86, Yoerk Court, Sacramento. One-story 6-room frame dwelling.

Owner.....E. A. Pierce, 214 Forum Bldg., Sacramento.

Architect...None.

Contractor...E. A. Pierce, 214 Forum Bldg., Sacramento.

COST, \$2900

NO. 2919 X ST., being W ½ Lot 6, W. X. 29th and 30th Sts., Sacramento. One-story 4-room frame dwelling.

Owner.....N. T. Burnside, 205 Vine St., Sacramento.

Architect...None.

Contractor...F. E. Burnside, 205 Vine St., Sacramento.

COST, \$1600

SIXTH AVE. bet. East and 37th Sts., Lot 2656, Oak Terrace (Oak Park), Sacramento. One-story 3-room frame dwelling.

Owner.....W. T. Foster and W. F. Tovel, 35th & Cypress Ave., Sacramento.

Architect...None.

Contractor...W. I. Davis, 3624 Park Ave., Sacramento.

COST, \$1360

NO. 2320 D ST., being E ½ Lot 3, D. E. 23rd and 24th Sts., Sacramento. Two-story 7-room residence.

Owner.....Clara M. Gunn and Isabel E. McCreary, 1228 ½ K St., Sacramento.

Architect...None.

Contractor...Wright & Kimbrough, 817 J St., Sacramento.

COST, \$3300

E ¼ LOT 6, J. K. 2ND AND 3RD STS., Sacramento. Carpenter work for 5-story brick building.

Owner.....J. Zemansky, 231 K St., Sacramento.

Architect...R. A. Herold, 1006 ½ 9th St., Sacramento.

Contractor...Barton & Hite, 902 L St., Sacramento.

Filed June 12, '14. Dated June 12, '14. COST, \$2025

NO. 1822 M ST., being E ½ Lot 3, M. N. 18th and 19th Sts., Sacramento. Add and alter dwelling.

Owner.....Mrs. M. E. O. D. Kelsy, 1822 M St., Sacramento.

Architect...None.

Contractor...J. M. Kelsy, 1822 M St., Sacramento.

COST, \$400

NO. 309 TENTH, N ½ OF S ½ LOT 1, E. F. 10th and 11th Sts., Sacramento. Two-story frame apartments (four rooms each.)

Owner.....John M. Uren, 1614 F St., Sacramento.

Architect...None.

Contractor...R. M. Smith, 2017 18th St., Sacramento.

COST, \$5300

WHEELER AVE nr "T" E 87 ½ Lot 133 Wright and Kimbrough Tract, Sacramento. Erect one-story 5-room dwelling.

Owner.....H. Birdsall, 2811 T St., Sacramento.

Architect...None.

Contractor...Robert Powell & Co., 2811 T St., Sacramento.

COST, \$2350

NO. 1630 ELEVENTH ST., Sacramento. Alterations to front of building for store.

Owner.....M. S. Williams, Premises.

Architect...None.

Contractor...M. F. McKenzie, 1126 T St., Sacramento.

COST, \$100

NOTICE OF NON-RESPONSIBILITY.**SACRAMENTO COUNTY.**

June 15, 1914—LOTS 9 AND 10 Capital Heights, Sacramento. J H Wentz will not be responsible for work done on building.

LIENS FILED.**SACRAMENTO COUNTY.**

RECORDED AMOUNT
June 12, 1914—W ½ OF S ½ LOT 5, V W, 29th and 30th Sts., Sacramento.
H G Hecker vs H F Carstens, \$16.60

LIENS FILED.**SACRAMENTO COUNTY.**

RECORDED AMOUNT
June 15, 1914—LOT 7 HILLSIDE Terrace, Sacramento. Sacramento Bldg Block vs Harry B Holmes, \$46.58

June 16, 1914—N 14 LOT 5 AND N 14 Lot 6, V. W. 8th and 10th Sts., Sacramento. C H Kerbs & Co vs Geo J Schmahl, \$24.94

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

NO. 18 N-SAN JOAQUIN ST., Stockton
Cabinet work, alterations and repairs to existing flush and fixtures, glass and glazing and other such line of work for remodeling bank.
Owner.....First National Bank, Frem
Architect...Henry H. Meyers, Kohl
Bldg., San Francisco.
Contractor...Roberts & Clark, 425 S-
Center St., Stockton.
Filed June 15, '14. Dated June 1, '14.
All work completed.....\$1282
36 days after.....428
TOTAL COST, \$1710
Bond, \$855. Surety, Maryland Casualty
Co. of Baltimore. Limit, 60 days. Forfeit,
none. Plans and specifications
filed.

MARBLE WORK AND FLOOR TILE
on above.
Contractor...The Mission Marble Works
363 Guerrero, S. F.
Filed June 15, '14. Dated June 4, '14.
Work completed and accepted.....\$896
Usual 35 days.....299
TOTAL COST, \$1195
Bond, \$597.50. Surety, Massachusetts
Bonding Co. Limit, 60 days. Forfeit,
\$20. Plans and specifications filed.

ALL LATHING AND PLASTERING ON
above.
Contractor...A. Knowles, 985 Folsom,
San Francisco.
Filed June 15, '14. Dated June 1, '14.
Work completed.....\$637
Usual 35 days.....213
TOTAL COST, \$850
Bond, \$125. Surety, Aetna Accident &
Liability Co. Limit, 60 days. Forfeit,
\$10. Plans and specifications filed.

BRONZE WORK AND METAL WORK
for cage enclosure and other work
mentioned on above.
Contractor...California Artistic Metal
Co. & Wire Co., 363 7th, S. F.
Filed June 15, '14. Dated June 1, '14.
Work completed.....\$1710
Usual 35 days.....572
TOTAL COST, \$2282
Bond, \$1141. Surety, National Surety
Co. Limit, 60 days. Forfeit, \$20.
Plans and specifications filed.

NOS. 35-37 W-EL DORADO, Stockton.
Remodel brick building.
Owner.....A. W. Lercaro, Premises.
Architect...None.
Day's work.....COST, \$700
LOT 11 BLK 122 E. Stockton. Remodel
frame building.
Owner.....Mrs. Mary E. Packe.
Architect...None.
Day's work.....COST, \$927

LOT 16 BLK 4, E Stockton. Underpin
brick wall.
Owner.....Yosemite Syndicate, 20 S-
San Joaquin St., Stockton.
Architect...None.
Day's work.....COST, \$600

LOTS 15 AND 16 BLK 137 E, Stockton.
Remodel frame building.
Owner.....J. B. Ewing.
Architect...None.
Day's work.....COST, \$500

LOT 16 BLK 37 E, Stockton. Remodel
frame building.
Owner.....Tony Calastini.
Architect...None.
Day's work.....COST, \$2000

LOT 2 BLK 28 S M C, Stockton. Erect
frame building.
Owner.....Fapus & Shannon.
Architect...None.
Day's work.....COST, \$500

LOTS 2 AND 11 BLK 1 W, Stockton.
Remodel frame building.
Owner.....Ernest A. Klemeyer, 15 W-
Market, Stockton.
Architect...None.
Day's work.....COST, \$150

LOT 6 BLK 197 E, Stockton. Erect
frame building.
Owner.....Martino Oneto, 435 N-
Stanislaus, Stockton.
Architect...None.
Day's work.....COST, \$1450

W 100 LOT 13 BLK 37 W, Stockton.
Erect frame dwelling.
Owner.....Mrs. Bona, 846 E-Washing-
ton St., Stockton.
Architect...None.
Day's work.....COST, \$2200

LOT 8 BLK 9 S M C, Stockton. Erect
frame building.
Owner.....Robert A. Melton, 1128 N-
Commerce St., Stockton.
Architect...None.
Day's work.....COST, \$1000

LOTS 9 AND 11 BLK 64 W, Stockton.
Erect frame building.
Owner.....J. K. Wagner, 736 N-
Hunter St., Stockton.
Architect...None.
Day's work.....COST, \$6000

N 40 LOT 2 BLK 2, "The Oaks," Stock-
ton. Erect frame building.
Owner.....C. A. Chandler, 1263 E-
Pinchot St., Stockton.
Architect...None.
Day's work.....COST, \$1500

LOT 5 BLK 241 E, Stockton. Repair
frame building.
Owner.....Hamman Estate, W-Park
St., Stockton.
Architect...None.
Day's work.....COST, \$400
LOT 12 BLK 90 W, Stockton. Erect
frame building.
Owner.....M. P. Smith, 1721 N-Hunter
St., Stockton.
Architect...None.
Day's work.....COST, \$2500

**LOS ANGELES AND SOUTH-
EERN CALIFORNIA.**

BANK AND OFFICES—12 story and
Lase. Class A construction. Cost not
stated. Los Angeles, Cal. Architects,
Parkinson & Bergstrom, Security Bldg.,
L. A. Owners, Commercial Fireproof
Building Co. The building will be
erected at the northwest corner of 5th
and Spring streets, covering an area
of 115 by 155 feet. Construction will
be fireproof throughout with a com-
plete steel frame, brick exterior walls,
concrete and hollow tile floors and hol-
low tile interior partitions. The first
floor will be occupied by the Citizens'
National Bank. Upper floors will con-
tain in the neighborhood of 462 of-
fices. Interior finish will be of hard-
wood throughout with some metal
trim and marble wainscot. There will
be steam heat, elevator service, a vac-
uum cleaning system, mail chutes and
metal window sash and frames. Bank-
ing rooms will be finished in hard-
wood, marble, ornamental plaster and

ornamental iron and bronze. Special
vaults will be installed. Exterior of
the building will be faced with pressed
brick and terra cotta. Plans are com-
plete and figures are now being taken.

CHURCH—2 story and base. rein-
forced concrete, \$200,000. Los An-
geles, Cal. Architect, John T. Cones,
Washington Bldg., Pittsburgh, Pa.
Owners, St. Vincent's Parish, Father
Joseph S. Glass. The building will be
erected at the corner of Figueroa and
West Adams streets and will cover a
large area. Construction will be prac-
tically fireproof throughout. Interior
will be finished in pine with orna-
mental plaster. A central heating sys-
tem will be installed. Art glass win-
dows are specified. Exterior of the
building will be faced with cement
plaster. Plans are nearly complete and
figures will be called for shortly.

HOSPITAL LAUNDRY—1 story and
base, concrete, \$12,000. Patton, San
Bernardino Co., Cal. Architect, State
Architect George B. McDougal, Sacra-
mento. Owners, State of California.
Bids will be opened on July 22nd for
a new laundry at the Southern Cali-
fornia Hospital at Patton. Special ma-
chinery will be installed. Exterior
will be faced with cement plaster.
Plans can be secured from the State
Department of Engineering. An of-
ficial proposal appears in another col-
umn of this issue.

HOTEL ADDITION—4 story and
base, brick. Cost not stated. Los An-
geles, Cal. Architect, Antone Reif,
Higgins Bldg., L. A. Owner, John
Orth. The building will be erected on
San Pedro street between 3rd and 4th,
and will cover an area of 35 by 75 feet.
Interior will be finished in pine. Plans
provide for steam heat and a hot water
supply. Two baths will be located on
each floor. Exterior of the building
will be faced with pressed brick. Plans
are now being prepared.

HOTEL—12 story and base. Class
A construction. Cost not stated. Los
Angeles, Cal. Architects, Parkinson &
Bergstrom, Security Bldg., L. A. Own-
ers, Rindge Estate. The building will
be erected at the northwest corner of
Broadway and 3rd streets, and is be-
ing promoted by the Central Business
Stability Association. Construction will
be fireproof throughout. Details have
not been perfected and further men-
tion will be made of the work.

RESIDENCE—2 story and base,
frame and hollow tile. Cost not stated.
San Gabriel, Los Angeles Co., Cal.
Architects, Allison & Allison, Hiber-
nian Bldg., L. A. Owner, David Roney.
The dwelling will contain ten rooms,
three baths and sleeping porches. In-
terior finish will be largely of hard-
wood with hardwood and inlaid floors.
There will be furnace heat and open
fire places. Mantels will be of tile
and brick. Bath rooms will be finished
in tile and will be equipped with show-
ers. Exterior of the house will be
faced with cement plaster. Plans are
complete and figures are being taken.

GIRLS SCHOOL—2 story and base,
brick, \$60,000. Los Angeles, Cal. Ar-
chitects, Austin & Pennell, Wright &
Callender Bldg., L. A. Owners, Mar-
borough School for Girls. The building
will cover an area of 156 by 170 feet,
and will contain all modern improve-
ments. Interior finish will be of pine
with some maple floors. Steam heat
is specified. Exterior of the building
will be faced with pressed brick. Plans
are being prepared.

PORTLAND AND OREGON.

SCHOOL—2 story and base, brick, \$30,000. Portland, Ore. Architect, F. A. Naramore, Supt. of Properties, Portland, Owners, City of Portland. The building will be erected in Fulton Park and has been designed for an eight-room school with office and assembly hall. Interior finish will be of pine with maple floors in the class rooms. There will be steam heat. Composition blackboards are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Plans and specifications can be secured from the Supt. of Properties' office in the Court House, Portland.

SEATTLE AND WASHINGTON.

HOTEL—4 story and base, brick and mill construction, \$75,000. Seattle, Wash. Architect, A. Wickersham, Lyon Bldg., Seattle. Owners, Yesler Estate. The building will be designed to contain one store on the first floor besides the hotel office and lobby, and will cover an area of 78 by 167 by 174 feet. Upper floors will contain in the neighborhood of 140 guest rooms and a number of public baths. Plans provide for steam heat elevator service and a hot water supply. Interior finish will be of pine throughout. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken for the general construction which will include everything.

Contracts Awarded.

BRIDGE—Steel and concrete, \$24,963. Dryden, Wash. Engineer, County Surveyor, Wenatchee. Owners, Chelan County Contractors, Bailey & O'Connor, care of County Engineer, Wenatchee. Contract price, \$24,963.

SCHOOLS—2, 1 story and base, brick, \$33,619. Buckley, Wash. Architect, C. Teague, Hugo Bldg., Seattle. Owners, Luckey School District. Contractor, John Buchs, Buckley. Contract price, \$33,619.

SCHOOL—2 story and base, brick and reinforced concrete, \$116,112. North Vancouver, B. C. Architect, W. C. F. Gillam, Northwest Trust Bldg., Vancouver, B. C. Owners, Central High School District of North Vancouver, B. C. Contractors, W. J. Smith, Ltd., 602 Hastings, West Vancouver. Contract price, \$116,112.

HARDWOOD FORESTS OF SOUTH AMERICA.

[Consul Isaac A. Manning, Barranquilla, Colombia.]

That there is much mahogany, Spanish cedar, and lignum-vitæ in the undeveloped forests of the Caribbean and Pacific coasts of Colombia seems well established, but from information previously had from people engaged in timber exploitation it appears that the stand will rarely exceed 15,000 feet to the acre, and will not likely average above 9,000 feet.

To secure these lands the better way by far is for the persons interested to come into the country and by the aid of local competent agents and guides, get in touch with owners, examine the properties, and between them agree on price. There is no fixed value, much depending on the necessities of the

owner, location, and availability of the lands for agricultural and stock-raising purposes. It is safe to say, however, that prices of such lands, where titles are good and the lands not over-run by squatters, might be anywhere from \$1 to \$1 per hectare (2.47 acres), with owners usually asking, tentatively, the higher price, and probably willing to accept less than asked, in cash. Options are almost impossible to secure except for brief periods, sufficient to permit examination. To acquire a large area purchasers would probably have to treat with various owners.

Almost all the lands where such timber as suggested above is found, would serve for colonization purposes, especially for cattle ranches and for sugar cane and other purely tropical products.

Reforestation—Government Land.

In this connection it might be mentioned that a firm which has been established in Colombia for a number of years owns about 15,000 acres on the Atrato River; 8 years ago it planted 30,000 Spanish cedar from the seed on this tract. These trees will be classed as merchantable timber in two years more. Last year one tree was cut for a special purpose from this planting, yielding a 20-foot log squaring 14 by 14 inches. This firm is planting 40,000 more trees this year and feels satisfied that this manner of reforestation can provide all future demands for this class of timber. These trees are planted 21 feet apart, and for the first three years the land between the trees is cropped with corn and plantains (bananas).

As to Government or waste land, it seems wise to this consulate that anyone desiring to obtain such go first to Bogota and confer with the Minister of Fomento (Exploitation).

Peru Imports Hardwoods Because of Lack of Railway.

[Consul General Wm. H. Handley, Callao, Peru.]

Although Peru is situated within a tropical latitude and the entire eastern slope enjoys a luxuriant vegetation with extensive primitive forests of hard and valuable woods, the line along the entire western coast extending from the sea to the backbone of the Andes Mountains, a distance of 40 to 100 miles, or more, is practically void of all vegetation and appears as barren as a desert as far as the eye can see. In a few instances along the coast of Peru, where small rivers empty into the sea or where irrigation projects have been successful, some vegetable life is seen, in the form of bush growth, sugar cane, and cotton, but never woodland or forests.

Most of the hardwood that is used in Peru to-day is imported from Nicaragua and California—cedar from the first-named and redwood railway ties from the latter. On the eastern slope of the Andes Mountains and in the lower level in what is known as the Montana region, there are, as previously stated, vast tropical forests of hard, valuable woods; but inasmuch as there are no railroads connecting that region with the coast either west or east, Peru, for the present at least, should not be considered as a country offering good opportunities for the investment of American capital in the exploitation of hardwoods.

Ecuadorian Trees Useful for Lumber.
[Consul General Frederick W. Goding, Guayaquil, Ecuador.]

LLOYD C. COMEGES

COMMERCIAL ATTORNEY

Efficiency Methods - Adjustments
Advertising Service

902 Mutual Savings Bank Bldg.

Cor. Market & Kearny, Kearny 3864

A large part of the Republic of Ecuador is covered with forests of valuable timbers, both hard and soft, after the removal of which cocoa, coffee, rice tobacco, cereals, fruits, and vegetables are grown in many districts. The haciendas now producing such enormous quantities of cocoa and sugar formerly were forests. A partial list of Ecuadorian trees useful for lumber includes:

Alcamior, yellow, has odor of camphor.

Algarrobo (Prosopis dulcis), low-land tree.

Aliso (Alnus sp.), alder tree.

Amarillo, one of the best timbers.

Arrayan, good timber.

Balsamo, one of the balsams.

Bantano, timber tree.

Bellamaría, fine timber.

Calmito (Chrysophyllum calmito).

Canelo (Canella alba and Canella amarilla).

Canje.

Canafistula (Cassia fistula), strong timber.

Copal (Hyminaea sp.),

Cachacomo, hard wood.

Cashaguro.

Capuli (Prunus salicifolia), red cherry, valuable.

Celba (Bombax salba), source of kapok.

Cedro, cedar.

Chamburo (Carica papaya).

Chucula (Spondias purpurea and Spondias sp.), plum; both varieties valuable.

Ehano (Cesalpinia sp.), native ebony.

Perman Sanchez.

Figeroa.

Figua.

Guaybo (Inga edulis).

Guanañana Anoma muricata).

Guayumo (Cecropia peltata), useful for paper pulp.

Guachapelí, a leguminous tree producing fine curved timber.

Guayacon (Gualacum sp.), hard timber.

Habaquiro.

Laurel (Laurus sp.), fine white and black timber.

Mamey, mado serrano (Mammea americana), good for furniture.

Mamey colorado (Achras mamosa), for furniture.

Mango (Mangifera indica).

Mangle (Rhizophora mangle), fine timber; bark used for tanning.

Moral, handles and fine furniture; yellow and white.

Majagua (Anacardium rhinocarpum), good timber.

Moraleño (Ficus dendroica)

Niguito, exceedingly hard.

Nispero (Achras sapota).

Palo de balsa (Ochroma piscatoria), large use.

Palo de vaca (Galatodendrum sp.), white gum.

Petrina negra, or Palo prieto (Erythrina glauca), valuable.

Nogal, called walnut; good.

Pechiche (Vitex gigantea), fine heavy timber; much used.

Pumanaqui.

Quitafol timber of the Andes slopes.

Rede, called oak, but not an oak; splendid timber.

Sapan.

Siman.

Salto (Salix humboldtiana), willow of highlands.

Weekly Talks on Efficiency and Advertising

by Lloyd C. Comegys

How Advertising Can Make Money For You.

In order to understand how advertising can make money for you it is necessary to understand what advertising is and what it can accomplish. Advertising in its broader sense, is:

First: PUBLICITY:

Which is that acquainting the public in a general way with the name of a firm or its offerings which does not have the appearance of direct advertising and is largely received by the public as news.

Second: TRADE NAME ADVERTISING:

Which appears to the public frankly as Advertising. It aims to make known the name of the firm and the goods it carries. Trade name advertising does not count on direct results, relying upon sales being made by its own salesmen or by the other firms and salesmen who are acting or selling for them.

Third: DIRECT ADVERTISING:

Which is the selecting of definite parties or a definite locality to whom you desire to sell your offerings and getting your proposition, as directly as possible from you to them. In this you can figure the cost of doing so, the total amount realized on the volume of business obtained thereby and your profit on such business. You can submit a definite, concrete offer to them, and provide for a means of closing that offer and realizing your profit. This allows you to pick out a large number of parties, submit your proposition to them and continue to follow up submitting it to them, until you have effected a sale or found that a sale cannot reasonably be made. In other words advertising and especially direct advertising is that scientific method or aid which can be used in disposing of whatever you have to offer, instead of relying entirely upon personal salesmanship as of old. Properly used advertising can make more money for you than possibly any other single business facility that there is.

If you can sell your offering to more than one party try at the same time to sell it to a thousand or more.

To hire salesmen would cost you much and it would be impossible for you to go to each of a thousand within any reasonable time. By advertising you can talk your proposition to the thousand in a single day. You can learn who is interested and who will not take your line.

You eliminate the time of personally seeing those who won't buy.

You eliminate the cost of personally seeing those who won't buy.

Your time is your capital and what is saved is added capital for additional endeavors.

Advertising enlarges your field of action, enabling you to make more money.

Proper direct advertising also accomplishes trade-name advertising.

A trade journal or paper, while the least sensational of all publications, if properly used, can be made to return very great results. It is read carefully and with the mind of the reader to the general trade subject. If your ad has something live and interesting to say and it is said in an agreeable and clear manner, your little ad will drive home your proposition before thousands at a less cost than a salesman could explain it to a few dozen persons.

Just try asking your advertisements live talking salesman for you and not a mere jumble of words, and you will be surprised and greatly pleased at the increased results.

LETTER BOXES TO ASSIST THE POST OFFICE DEPARTMENT.

The Postmaster of San Francisco has sent out an appeal for assistance in the matter of private mail receptacles, especially in references to flats and apartment buildings. Here is what he says:

OFFICE OF POSTMASTER SAN FRANCISCO, CAL.

June 15, 1914.

Daily Pacific Builder,
560 Mission Street,
San Francisco, Cal.

Gentlemen:

I hope to secure your co-operation in my efforts to improve the local delivery service of this office. I am working to reduce the stair climbing now being done by letter carriers and to eliminate unnecessary delays at doorways. The Postal Laws and Regulations declare that private mail receptacles should be used to facilitate the delivery of mail.

I wish to suggest that henceforth in planning or building houses for the residential section that you make arrangements for the installation of private letter boxes near the bottom of the front stairways. The boxes to be of good service should be larger than those now used in flats and apartment houses. It is not possible to insert a large envelope or small magazine in the present style of boxes. In a number of flats a push button at each box connects with the house bell and serves to announce the delivery of mail.

Boxes of the "keyless" type are now on the market. Simple combinations open the box. One style is in use at Station "K," 89 Stevenson street, and this office is engaged in correspondence regarding cheaper makes. These boxes prevent the annoyance arising out of lost, mislaid or stolen keys.

At business places arrangements should be made for slots in the front, or office doors, so that the early morning mail may be delivered in the absence of the occupant.

I will greatly appreciate any assistance that you may render the service in this matter.

Very truly,

CHAS. W. FAY,
Postmaster

ASPHALT FROM THE PHILIPPINES.

[Consul] General Geo. E. Anderson,
Hongkong, China.]

The discovery of a vein of asphalt of high quality and of large extent in the Philippine Islands is likely to have a marked influence upon the paving of cities in the Far East and upon other lines of building and contracting work. The vein has been discovered by a Government forester who took an outcrop of the vein on a hillside for coal. The deposit lies in the Leyte Province, barrio of Campopoc, on the northwest peninsula of the island about 10 miles from the ocean. The vein discovered runs about a yard and a half thick and can readily be traced about 160

yards along the side of the hill, several thousand tons of the material being actually in sight with indications that the deposit is of much greater scope. The analysis of the deposit made in Europe shows that it is of a quality suitable for the highest uses and ought to bring the highest prices. The discoverers of the vein are already using the material for roofing and similar purposes. Emanations of an oily nature in the country near the deposit have been noticed for many years and were supposed to indicate oil.

Prospective Benefits.

The successful application of this Philippine asphalt to paving and similar work will be of the highest importance, both to the Philippines and to other portions of the East. At present asphalt for paving, roofing, and other purposes is imported from Europe and the United States at a high cost, the result being not only high priced pavements but a minimum of high grade material in construction of such pavements.

The Far East is just commencing to turn to modern pavements generally, and the use of asphalt heretofore has been quiet limited. In Hongkong where, by reason of its peculiar location and the nature of its topography, road building has received particularly careful attention and has been the subject of considerable experimentation, little has been done in the use of asphalt until comparatively recently and the change has been due to the increasing use of motor cars and heavy traffic vehicles instead of the chairs and jinrickshas, which heretofore have made the use of macadam and of concrete and cement practicable. On the less frequently used roads and on the higher levels a concrete mixture of broken stone, a peculiar sticky Chinese clay and lime has usually been employed. As a result of the heavier demand upon the roads of the lower levels by motor-car traffic the need of a heavier hinder for the broken stone has been seen and most of the better class pavements now being laid are of broken stone laid in asphalt or in tar.

The supply of asphalt in the Far East at present is coming largely from the west coast of the United States and the trade is increasing. Pavement grades of asphalt at present in Hongkong cost around \$75 gold per ton, other grades running as high as \$75 gold per ton, delivered in Hongkong in either case. In Hongkong little compressed asphalt has been used so far and that used has been imported through the Crown agents in London. Tar macadam is the chief pavement employed at present, but government engineers report that they expect to employ more compressed asphalt in the future.

NEW METHOD OF STREET PAVING IN HAMBURG.

[Consul] General Henry H. Morgan,
Hamburg, Germany.]

The so-called Kleinförster system for armorizing roads has come into extensive use in Germany and other parts of Europe during the past few years, and experience has shown that roads laid with small granite blocks under this system have many advantages over highways armored with macadam or concrete. It is far cleaner than other armors, and roads laid therewith are

particularly free from dust and dirt, and during wet and damp weather the danger to horses from slipping is reduced to a minimum on account of the joints being so close together. The finished surface is smooth and well adapted for both light and heavy traffic. As a rule, the road once laid requires no maintenance.

The granite blocks used are cut by machines in the required shape and are covered by patents held by the Bornholm Granite Co. The cost of armoring roads with the Kleinfalter system in Germany, including all necessary work, amounts to \$1.58 per square meter (1.196 square yards), and the life of the road is about 20 years where traffic is heavy and 30 years where traffic is light.

In a small pamphlet written by Ferdinand Weiller upon the Kleinfalter system the following description of the method of laying the road is given:

First, the old macadam is carefully leveled and rolled. In the absence of an old macadam, one may lay a foundation of concrete 4 to 6 inches in depth. The small stones of approximately cubical shape are placed in position on a bed of sand and pressed tight against each other so as to form a kind of rough mosaic. * * * The subsoil contributes to a great extent to the solidity of the pavement, which, laid on a solid foundation, will last accordingly. The old road should be carefully leveled and rolled or rammed so as to form a solid and water-tight surface with very little camber. A perfect smoothness of the surface is of great importance, as every unevenness of the same will be visible in the plaster and should consequently be removed, the surface being given a camber of one-fiftieth of the width of the road, or even less in flat and broad streets in towns, and then finally rolled by a steam roller.

Sand is spread over the finished foundation to a depth of about one-half inch, to bring up the shallow stones to the level of those of full depth. Only coarse-grained sand, without any earthy substance, or fine gravel is fit for this purpose. The small stones should be of approximately cubical shape, not too wedge-shaped, 3% to 3½ inches or 3 to 4 inches in depth, the heads measuring 6 to 12 square inches. The size of the cubes depends on the hardness of the stone and on the amount of traffic. Numerous streets in Hamburg are armored with the so-called Kleinfalter, and photographs illustrating the same, together with a photograph showing the machine which splits the stone into the r-quilled shape, are forwarded [and will be loaned by the Bureau of Foreign and Domestic Commerce, Washington, D. C.]

PRENDERGAST FOR JUSTICE OF THE PEACE.

Among the candidates for the office of Justice of the Peace to be voted for in the coming primaries, we note one that should be kept in mind by all people interested in the building line because of his knowledge of conditions in real estate and building affairs in San Francisco. We refer to Mr. Thomas F. Prendergast, the well known attorney, who has for years been the authority for the Chronicle on these subjects, and who has written most exact and careful weekly articles on realty and building transactions.

His knowledge of the inside history of matters of so much importance will be valuable to all the citizens if he should be chosen to the office he seeks. Our intimate acquaintance with Mr. Prendergast and our knowledge of his

a solid integrity, his soundness of judgment and his keen sense of the true spirit as well as the letter of the law, warrant us in advising all our friends and all the thinking and right-minded people of San Francisco to see that he is elected as one of the Justices of the Peace.

That he has been approved by the Bar Association of San Francisco in its formal endorsement, and also by many of the influential clubs, improvement associations, etc., show how his candidacy is being received. We predict for Mr. Prendergast a sure victory at the polls.

—JUDGE, TWO MONTHS 11

PROCESS OF MAKING RAILS OF STEEL.

A. Russell Bond in the St. Nicholas Magazine: That rail mill was certainly a wonderful sight! The enormous glowing ingots were carried on a transfer car to a sort of trough. The floor of the trough, or "table," as they call it, consisted of a series of rollers that were turning rapidly. Riding on them, the big clumsy ingot sailed along until it bumped against a pair of large steel rolls. Immediately the rolls seized it and hauled it through, like clothes through a clothes wringer. We could not see that it has been flattened down very much, but we noticed that deep corrugations had been cut into its upper surface. As it moved on, the rollers turned it over on its side before it was caught by the next pair or "stand" of rolls. It went through four stands in succession, turning over between each stand, until it had made a complete turn. Then it came to what is called a "three-inch" mill, which has three rolls, one above the other. First the "bloom," as it is now called, went between the middle and bottom rolls; but no sooner had it emerged, than it was raised bodily, the supporting roller "tables" on both sides of the mill being raised up simultaneously. The rollers of the tables were then reversed, causing the bloom to start back between the middle and top rolls. The tables were now lowered, their rollers reversed, and the bloom sent through between the middle and bottom rolls as before; but this time it was switched to one side, where the rolls were a little larger in diameter, and it was a tighter squeeze getting through them. And so the bloom went back and forth, being switched over to a tighter pass each time until it was squeezed down to about 8 inches square and over a foot long. Then it was cut in two, and each bloom went through another set of rolls that gradually worked it down to the size and shape of a rail. It was fascinating to watch that snakelike bar over a hundred feet long, writhing as it alive. As it came back for its last Sally through the rolls, a whistle was blown as a warning that the rolling was finished, and the rail was now on its way to the saws. There were five circular saws that dropped down upon the glowing metal, and amid a shower of sparks, sawed it into four ten-yard rails. After that, the rails were carried off on "run-out tables" to the "hotbeds" to cool.

"GRINGO" HOW THE NAME WAS APPLIED BY THE MEXICANS.

Perhaps only one person in a hundred knows how the word "Gringo"

came to be applied to Americans by the Mexicans. What does it mean? And why did the Mexicans apply it to us? The derivation and origination of words has filled several volumes—but only a few of them are shown to have sprung into life in such a unique and interesting way as "Gringo." And this is how it happened:

When the soldiers were marching through Mexico in our war with that Country, they fell to singing "Green Grow the Rashies, O." Wherever they went, this song heralded their coming. The Mexicans, listening, did not quite grasp the meaning, "Green Grow," etc., the soldiers sang to the top of their lungs. The two words—green grow—stuck in the Mexicans' minds. And so in a short time the soldiers, and all Americans along with them, were given that name—only in the Mexican tongue

FLOOD CONTROL IN CHINA BIG ENGINEERING FEAT.

To reclaim more than 17,000 square miles of fertile land which has been annually devastated by the overflowing of the Hual River, the Chinese government has authorized a bond issue of \$20,000,000, and designated a New York engineering firm to undertake the construction of dams and reservoirs. The project is one of the greatest of engineering enterprises, even in this day of big things. An interesting feature of the matter is the fact that the general supervision of the work has been intrusted by the Chinese government to the Red Cross Society. The territory served by this project is larger than the combined areas of New Jersey, Delaware, Connecticut, and Rhode Island, with Long Island thrown in. The river Hual, also known as the Hual-Ho, 800 miles long, has been subject to violent floods for 2,500 years, and as in many places, even at low stage, it is kept within its course only by dikes of earth, its ravages during the spring floods are the source of tremendous losses. The plan is to dredge the channel of the river and of the Grand Canal, which it feeds; to construct dams and reservoirs, and to store the surplus water against the time of drouth. Many tributary streams are to be diverted, and the entire project cannot be completed for many years.—Popular Mechanics.

THE NEW BOOK OF EVIDENCE.

The Cerest Waterproofing Co. of Chicago, have published a very interesting book on waterproofing, that should be in the hands of every architect and contractor. They are free for the asking. Drop a postal to the Cerest Waterproofing Co., Chicago, or to Parrott & Co., 326 California St., S. F., who are the Pacific Coast Representatives. Just say "Send me the New Book of Evidence."

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Windows of the soul.
Concrete examples.
Stony stares.
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—Judge.

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 Lyden & Bickel

Mannix, Thos. Sr.
 Mennie, Alex.

Marconi, J.
 Martinelli, Wm.

Mowat, Donald
 McDougall & Co

MacGruber & Co.
 Morehouse, C. C.

Murphy, J. C.
 McLeod, J. C.

Nagel & Nagel
 O'Kane, C. T.

Orford, J. A.
 Pacific Plastering

Co.
 Philip, J. J.

Picon, J. M.
 Powers, J. F.

Sullivan, D. F.
 Steyer, J. A.

Smith & Johnson
 Smythe Bros.

Terry, G. W.
 Terry, M. J.

Wagner, Jas. A.
 Wm. Raymond.

Sec.
 CONTRACTING

LATHERS' ASSN.
 Office, Mondnock

Building
 J. B. Dennis, Sec

Atlantic

proofing Co

Barke, A. F.

Clinton

proofing Co

Campo, C.

Lynch, R.
 Lynch, J.

Munson, C. & Co.
 McAbee, E. T.

McLelland, R.
 Hayden, Fred

Potter, A. V.
 Peerless Fire-

proofing Co.
 Raymond, Wm.

Roebeling Con. Co.
 Snell & Dennis

Streeter, M.
 Sheehan, Thomas

THE CALIFOR-
 NIA STATE AS-

SOCIATION OF
 ELECTRICAL

CONTRACTORS
 S. F. District

Local No. 1.
 Office, Metropolis

Bank Building,
 W. S. Hanbridge,

Secretary.
 Butte Eng. &

Elec. Co.
 California Elec.

Constr. Co.
 Central Elec. Co.

Davis Elec. Co.
 Decker Elec. Co.

Gen. Elec. Con. Co.
 Hanbridge, W. S.

Eppstein Elec. Co.
 Levy Elec. Co.

Kirsten, W. H.
 Marine Elec. Co.

McFell Elec. Co.
 National Elec. Co.

Newberry & Head-
 helm

Pac. Fire Extr. Co.
 Kohlwey, W. D.

Standard Elec.
 Constr. Co.

Turner Co.
 Elec. Motor and

Machines Co.
 Wedel & Co.

MASTER ROOF-
 ERS' AND MAN-

UFACTURERS'
 ASSOCIATION

Office, 185 Steven-
 son Street.

Harry Larkin,
 President.

Render, J. W.

Roofing & Pav-

ing Co.

Cantley, James

Cassartree, John

Enterprise Root-

ing Co.

Flaherty Roofing

& Paving Co.

Fluorstone an'

Roofing Co.

Gross, Felix

Johns - Manville

Larkin Asphalt

Co.

Lawson Roofing

Co.

Mission Roofing

Co.

Magnesia - As-

bestos Sup. Co.

Malott & Peter-

son

Paraffine Paint Co

Raphel, J. L.

Roofing Co.

Sanderson, H. D.

Western Asbes-

tos Magnesia Co.

Watsonite Co.

Western Felt and

Refining Co.

MASTER STEAM AND HOT WATER FITTERS' ASSOCIATION.

Office 1226 Web-

ster Street.

W. E. Burnham,

President.

Atlas Heating &

Ventilating Co

Burnham Plumb-

ing Co.

Collins, T. M.

Central Elec. Co.

Dalziel, Robt. Jr.

Gen. Eng. Co.

Gilley-Schmid Co.

Inc.

Levy, M.

O'Mara, J. E.

Pac. Fire Ext. Co.

Petersen - James

Co.

Simmons Eng. Co.

Sutton Co., J. G.

Turner Co.

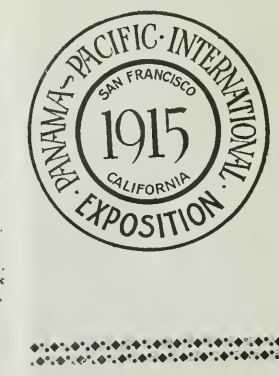
Walsh, F. F.

Williamson Co., H

Wittman, Lyman

& Co.

Williams, E. D.



Ferguson, W. H.
Hackley & Dres-
ser
Miller, E. J.
Priddle, Milton
Priddle, Arthur

Flours, Composi- tion.

Artollth Mfg. Co.
Bender R & P. Co.
Dwan, C. J. E.
Fibre Stone &
Roofing Co.
Flaherty R. & P. Co.
K. H.
Malott & Peterson
Goodman, A. K.
Watsonite Co.

Flours, Hardwood

Hardwood Int. Co.
Inland Floor Co.
Pac. Floor Sand-
ing Co.

Galvanized Iron.

Baker & Hamil-
ton
Berger Mfg. Co.
Gas Fixture.
Day Co., Thomas
Gas Heating Sys-
tems.
Reactor System
Gas Heating Co.

Gasoline Tanks & Pumps.

Deming, E. R.
Glass & Glazing.
Cal. Plate & Win-
dow Glass Co.
Cohen, I.
Fuller Co., W. P.
Grosslicht & Dine-
man
Habenicht &
Howlett
Medall Plate &
Window Glass Co.
Pioneer Plate &
Window Glass Co.
Schwarz & Gott-
lieb

Grading.

Blanchini, G.
Brannick, J. P.
Carlin Bros.
Cassaretto, John
Devinenzi & Co.
L. H.
Dillon Teaming
Co.
Federal Transfer
Co.
Glori Co., G.
Hartnett, J. D.
Holland, J. P.
Hule Co., E. M.
Lennon Co., J. E.
Lettler, Fred
McGinchesy &
Monahan
Montague Co., P.
O'Day Co., Dan'l
O'Donnell, Philip
Pico, Edw. F.
Powers, Chas. J.
Shiley, Grading &
Teaming Co.
Star Con. Co.
Wright & J. H.

Granite Caching.

Graham Granite Co.
Lead Granite Co.
Pacific Granite Co.
Placer Granite Co.

Gravel.

Bay Devel. Co.
Cal. Building Ma-
terial Co.
Cassaretto, John
City Supply Co.
Standard Crushed
Rock Co.
Star Contracting
Company.
Stone Co., E. B. &
A. L.

Hardwood Deal- ers.

Inland Floor Co.
Hardwood Inter-
rior Co.

Wood Lumber Co.,
E. K.

Hardware, Dealers.

Bennett Bros.
Krusse, J. H.
Joost Bros.
Meyer, Adolph
Norman & Sons,
F. G.
Palace Hardware Co.
S. H. Howard Co.
Smith Co., P. A.

Heating & Vent- ilating.

Atlas Heating &
Ventilating Co.
Kiernan, O'Brien
Hurley Co., J. C.
Lawson, Herman
Looney Co., J.
Mangrum & Otter
Snook & Co.,
Fred W.

House Movers & Removers.

Hatch, H. L.
Pearson, N. H.
Sullivan, D. J. & T.

Hoisting Engi- neer.

Le Clair, S. D.
Inland Floors.
Hardwood Inter-
ior Co.
Inland Floor Co.
Pac. Floor Sand-
ing Co.
Interlocking Tile
California Deni-
son Block Co.

Iron Foundry.

Enterprise Foundry
Co.
Steiger & Kerr
Foundry Co.
Iron & Steel.
Baker & Hamil-
ton
Dawson & Noyes
Lodson Mfg. Co.
Pacific Coast Steel
Co.
Trussed Concrete
Steel Company.
Woods & Huddart

Iron Works.

Brode Iron Wks.
Dyer Bros.
Eureka Wire &
Iron Wks.
Golden Gate Iron
Works
Hillard Co., C. J.
Kell Iron Works
Michel & Pfeiffer
Monarch Iron
Works
Ralston Iron
Works
S. F. Iron Works
Sartorius Co.
Schraeder's Iron
Works
Steiger & Kerr
Stove & Foundry
Co.
Vulcan Iron Wks.
West Coast Wire
& Iron Works
Western Iron
Works

Joint Hangers.

Kortick & Falls
Mfg. Co.
Lilley & Thurs-
ton Co.
Roman Co., C.
Waterhouse &
Price Co.
Western Bldg.
Supply Co.

Lath, Wood & Metal.

Balzke, Robt.
Edwards, C. H.
Hayden, Fred
Lynch, Richard
McAbee, E. H.
Raymond, W. H.

Lime & Plaster Dealers.

Arden Plaster Co.
Cal. Lime & Hy-
drate Co.
Cowell Lime &
Cement Co.
Quinlan & Co., J. S.
Holland, J. P.
Lennon Co., J. E.
Pacific Portland
Cement Co.
Western Lime &
Cement Co.

Lumber Dealers.

Acme Lumber Co.
Christenson Lum-
ber Co.
Columbia Lumber
Co.
Doe Co., Frank P.
Excelsior, Red-
wood Co.
Hardy Lumber Co.
Hart-Wood Lum-
ber Co.
Hauptman Lum-
ber Co.
Krusse Co., J. H.
Hooper Lumber Co.
Kiggins Lumber
Co., J. E.
Loom Lumber Co.
MacDonald Lum-
ber Co.
Moore, Mill and
Lumber Co.
Oakley, — Mahoy
Olson — Lumber Co.
Peterson, E. T.
Pope & Talbot
Reliant Mill &
Lumber Co.
Ryan, George
Santa Clara Val-
ley Mill & Lum-
ber Co.
Santa Fe Lumber
Co.
S. F. Lumber Co.
Schouten & Co., J.
W.

Magnesian Plaster.

Artollth Mfg. Co.
Bender R & P. Co.
Dwan & Co., J. M.
Fibre Stone &
Flaherty R & P. Co.
R. H.
Goodman, A. K.
Hartnett & Peter-
son
Watsonite Co.

Mantels, Tiles & Grates.

General Building
Work Co.
Ginsberg Bros.
Hartnett & Otter
Peerless Agencies
Co.
Rigney, Thos. F.
Sartorius Co.
Tile Co.
Marble and Mosaic
Work.

Metal Lath.

Atlantic Fire-
proofing Co.
Bender Mfg. Co.
Holloway Metal
Lath Company.
Lilley & Thurston
Co.
Waterhouse &
Price
Western Builders'
Supply Co.

Metal Stamping.

S. F. Metal Stamp-
ing & Corr. Co.
Notary Public.
Dunn & Co.
Otter & Gracena.
Standard Oil Co.
Union Oil Co.
Oscumount Plin-
terlog.

Paints and Deco- rations.

Baker Co., W. T.
Bell, Wm. J.
Blum, Louis
Burns Bros.
Clark & Dickson
Cramer Bros.
Conlin, J. J.
Coppinick, T. W.
Dahl, T. H.
Dunn, V. J.
Erickson, W. J.
Hansen, Elbing A.
Lewis, S.
Miller, J. A.
McCubbin, James
Manning, John
Neal, L.
Quandt & Son
Ruderman, I.
Sawyer, Wm.
Simon Nelson Co.
Smith, J. S.
Sovig, C. B.
Spark & Sons
John H.
Swan, Robert
Treat, C. K.
Walker, Mayer
Wagner Bros.
Wagner Bros.
Zelinsky, R.

Paints, Oil Var- nishes, Etc.

Clark & Dickson
Cochran & Co., Mar-
lon D.
Fuller Co., W. P.
Gordon Products
Corporation
Parame Paint Co.
R. H. Lamb
Whittier - Coburn
Co.

Patent Chimneys.

Chimney Co., Wm.
Dresser, — M. Don.
Hughes, H. J.

Pile Driving.

Lamburth, C. E.
Paving Brick.
Cal Brk Co.
Paving Mfg.
Acme Pigm. Mill
Anderson Bros.
Atlas Paving
Mill Co.
Birth Co., L. H.
Builders' Supply
Depot
Cal. Door Co.
Cal. Planning Mill.
E. L. & E.
(Inc.)
Empire Planning
Mill Co.
Hart & Rumsel-
ler
Hermann, A.
Herrmann's A.
Holden Dennis
Co.
Lorden Mill Co.
Main St. Planing
Moore Mill & Lum-
ber Co.
Premier Planning
Mill Co.
Reinhart Lumber
& Planing Mill
Ryan, George
San Mateo Planing
Mill
Santa Clara Val-
ley Mill & Lam-
ber Co.
Sawyer & Plan-
ing Mill
Taylor & Co.
Western Planing
Mill Co.
Veyhle & Collins

Plasterers.

Bosch, Herman
Bradley & O'Reilly

Brennan, James
Burt, Chas. J.
Campbell, Chas.
Chambers, H. A.
Dunn & Co.
Fay, John
Greenback, Joe.
Connell Co., J. E.
Luby, J. H.
Duthie, Chas.
Fraser, Simon
Fry, J. G.
Gilmour, W. G.
Jacobson, N.
Jones, Francis
Knowles
Leaf & Kaiser
Lynn, A. J.
Lyden & Bickel
MacTruer & Co.
Mellon, Thos.
Modica, S.
Mowat, Donald
Orford, J. A.
Philbin, J. J.
Sexton, T. D.
Sherman, A. M.
Terranova, M. J.
The Pacific Plas-
tering Co.
Wagner James A.

Plumbing and Gas Fitting.

Ahlback & Mayer
Allen, Thom. W.
Bernard, Geo. F.
Condon & Band
Dunn, Fred H.
Goss, Wm. P.
Houston, J. J.
Kara, F. E.
Kiernan & O'Brien
Lacey Bros.
Lander, H. I.
Lawson, Herman
Lettich, Antone
Levy Plumbing
Co., M.
Looney Co., J.
May, Gus
McNeill, Leo. J.
McLeod, J. J.
Penkert, J. H.
Perazzo, H. J.
Skelly, Thomas
Snook & Co.
F. W. Wicks
Turner Co., The
Wetzel, Theo.
Wilson & Co., W.
Plumbers & Sui-
ter
Kinney Co., R. W.
Mall-Lally Co.
Nelson Mfg. Co.
The Sanitary Mfg.
Co.

Roofing, Gravel & Composition.

Bender Roofing &
Paving Co.
Cal. Roofing Co.
Cattley & Co., J.
Enterprise Roof-
ing Co.
Fibre Stone &
Flaherty, R. H.
Goodman, A. K.
Larkin Asphalt
Co.
Lawson Roofing
Co.
Lowell Bros.
Malott & Peterson
Raphed Roofing
Co.
Samuel Co., H. D.
Watsonite Co.
Western Asbestos
Machinists & Co.
Western Felt and
Refining Co.

Roofing (Slate & Tile).

Graham, R. G.
White, Ed. A.

Roofing Materials.

Bird & Son, F. W.
Joins - Manville
Co., H. W.
Waterhouse &
Price
Western Asbestos
Supply Co.
Whittier - Coburn
Co.

Sand, Gravel, Etc.

Bay Develop. Co.
Cal. Building Ma-
terial Co.
Holland, J. P.
Macmillan Bros.
Stanton Co., E. B. &
C. L.
Western Building
Material Co.
Western Develop-
ment Syn. cate.

Sanitary Garbage Chutes.

Bill & Jackson
Sand Blasting.
McDonnell, W.

Sheet Metal Wks.

Appman Cornice
Works
Atlas Heating &
Ventilating Wks.
Capitol Sheet
Metal Works
Conyns & Nygren
Crown Cornice
Works
Elite Sheet Metal
Works
Forester Cornice
Works
G. & M. Sheet
Metal Works.
Gulfo, Cornice
Hinterbus Sheet
Metal Works
Hughes, H. J.
Hurdle Bros.
Ideal Cornice Wks.
Korrell & Co., J. A.
Modern Sheet Met-
al Works
Morrison & Co.
S. F. Metal Stamp-
ing & Corr. Co.
United Metal
Products Co.
Western Furnace
& Cornice Co.

Sidewalk Lights.

Jackson Co., P. H.
Dwan & Co., J. E.
Phoenix Sidewalk
Lamp Co.
Waterhouse &
Price

Stair Builders.

Bishop & Perrine
Bolter, John
Jacobson, J.
Johns & Wm.
Porter, W. F.
Stewart, J. K.

Stonemasons.

Poster & Short
Wright, J. H.
Baker & Ham-
ilton
Dawson & Noyes
Woods & Hud-
son

Steel Erectors.

Schinner, Fred C.
Pioneer Con-
struction Co.
Store, Francis
Kawner Mfg. Co.

Structural Steel Fabricators.

Central Iron Wks
Dyer Bros.
Judson, Fred C.
Pac. Rolling Mills
Schraeder's Iron
Works
S. F. Iron Works
Western Iron Sup-
ply Co.

Stoves.

Mangrum & Otter
Steiger & Kerr

Structural Steel Contractors.
Brude Iron Wks.
Dwer Bros.
Golden Gate Iron Works
S. n. Francisco
Iron Works
Ration Iron Wks
Valcon Iron Wks
Zenith Iron Wks

Surveyors.
Morser, E. J.
Sanborn & Corin-
son
Whearell, Chas. E.
**Teaming & Grad-
ing.**
Franklin, J. P.
Blanchini, G.

Federal Transfer
& Draying Co.
Gaffney Drayage
& Teaming Co.
Carlin Bros.
Devenchey & Co.,
L.
Dillon Teaming Co.
Federal Transfer
& Draying Co.
Gaffney Drayage
& Teaming Co.
Hartnett, J. L.
Holladay, J. P.
Hule Co., E. M.
Lennon & J. E.
Leffler, Fred
McGlinchey &
Monahan
Montague Co., P.

O'Day Co. D.
Pico Edw., F.
Powers, Chas. J.
Sibley Teaming &
Grading Co.
Stier Contracting Co.
Wright Co., J. H.
Tileing.
Ginsberg & Co., S.
Kemper & Ott-
Peerless Agency.
Tile Mfg. Co.
Watson
Trucks.
Bill & Jacobson
Hyde Henry C.
United Elec. Co.

Sherman, Kimball
Co.
Wall Heds.
Marshall - Stearns
Co.
Water Company.
Spring Valley
Water Works
Whitewashing.
Brickley, P. J.
Reigle & Jamelson
Taylor, L. A.
Window Cleanings.
American Window
Cleaning Co.
Windows, Patent.
Birth Co., L. H.
Simplex Window
Co.

Central Electric
Co.
City Electric Co.
Decker Electric Co.
Globe Elec. Co.
Levy Elec. Co.
National Elec. Co.
Elevators.
Otis Elevator Co.
Van Emon Eleva-
tor Co.
Fibre.
S. F. Fyfe & Cord-
age Co.
Fireproof Doors.
Gervais, Henry.
Norrish, D. E.
Roebeling Sons,
John A.

**House Moving &
Building.**
Blume Cont'g Co.
Pearson, K. K.
Sullivan D. I. & J.
Inlaid Floors.
Hardwood Inte-
rior Co.
Inlaid Floor Co.
Inlaid Floor
Inlaid Floor
Iron Works.
Lorenz, Schaefer
& Co.
Michaels & Pfer-
fer
Monarch Iron
Works
Pacific Rolling
Mill Co.
Pacific Struc. Iron
Works
John Hangers &
Post Caps.
Kortick - Falls
Mfg. Co.
Lilly & Thurston
Co.
Lorenz Schaefer &
Co.
Western Builders'
Supply Co.
**Kawneer System
Store Fronts.**
Fargo Mfg. Co.
Lilly & Thurston
Co.

Lathes.
Lynch, R.
Snell & Dennis
Light and Power
City Electric Co.
Pac. Gas & Elec-
tric Co.
Line, Cement, Etc.
Acme Cement
Plaster Co.
Arden Plaster Co.
California Lime &
Hydrate Co.
Cowell Lime &
Cement Co.
Holland, I. P.
Holmes Lime &
Cement Co.
Lennon, Jas. F.
Lucas, W. E.
Pacific Edg. Ma-
dow Gass Co.
Pac Lime & Plas-
ter Co.
S. F. Lime Co.
Shasta Lime Pro-
ducts Co.
Western Building
Material Co.
Western Lm' &
Cement Co.

Lumber.
Acme Lumber Co.
Christenson Lum-
ber Co.
Hardy Jas. H., Inc.
Hartwood Lum-
ber Co.
Humboldt Lumber
Co.
Hauptman Lum-
ber Co.
Hooper Lumber
Co.
Kruze, J. H.
Loop Lumber Co.
Macdonald Lum-
ber Co.
Moore, R. B. Mill
& Lumber Co.
Olsen Mahoney
Lumber Co.
Pope & Talbot.
Santa Fe Lumber
Co.
Schouten Lumber
Co.
Tiehan & Beron-
ne
Van Arsdale-Har-
rington Lumber Co.
Wilson Bros. & Co.
Doe Co., F. P.
**Lumber (Hara-
wood.)**
Dieckmann & Co.
Howard, E. A. &
Co.
Nichaus, Ed. F. &
White Bros.
S. F. Lumber Co.
Machinery.
Hart, Rickard
& McCone.

Paints.
Lynch, R.
Snell & Dennis
Plaster.
Lynch, R.
Snell & Dennis
Plumbing.
Lynch, R.
Snell & Dennis
Roofing.
Lynch, R.
Snell & Dennis
Shingles.
Lynch, R.
Snell & Dennis
Stairs.
Lynch, R.
Snell & Dennis
Structural Steel.
Lynch, R.
Snell & Dennis
Teaming & Grading.
Lynch, R.
Snell & Dennis
Tileing.
Lynch, R.
Snell & Dennis
Trucks.
Lynch, R.
Snell & Dennis
Whitewashing.
Lynch, R.
Snell & Dennis
Window Cleanings.
Lynch, R.
Snell & Dennis
Windows, Patent.
Lynch, R.
Snell & Dennis

Glazing and Glazing.
Cal. Plate & Win-
dow Gass Co.
Cohen, I.
Cobbledick-Kibby
Glass Co.
Friedman Bros.
Fuller, W. P. &
Co.
Habeneicht &
Hawlett
Holland, J. P.
Schwarz & Gutt-
leith (Inc.)
**Grading & Team-
ing.**
Church, D. O., Co.
Dillon, D.
Eureka Teaming
Co.
Fay, S. J.
McClure, H. N.
Wilhelm, A. H.
Wilkie Co., A.
Williams, F. A.
Wright Bros.
Monarch Teaming
Co.
Shiley, L. B.
McClure, H. N.
Granite.
Bradbury, Thos.
Cal. Granite Co.
De Lano & Sons,
L. L.
Hunt, A. T.
Raymond Granite
Co.
Hardware.
Cruse, J. H.
Lorenz, Schaefer
& Co.
Meyer, A.
Palace Hdq. Co.
Heat and Light.
Pacific Gas and
Electric Co.
**Heating & Vent-
ilating.**
Burnham Plumb-
ing & Heating.
Cronan, Wm.
Mangrum & Otter
Montague, W. W.
& Co.

Corsets Works.
Anslar, C. S.
Berger Mfg. Co.
Capitol Sheet Mtl.
Works
Comyns & Child-
ers
Cuthin, J. W. &
Cronan, Wm.
Forderer Corset
Works
Guilfoyle Corset
Works
Appmann Corset
Works
Heldt, Wesley
Morrison & Clark
S. F. Corset Co.
Western Furnace
& Corset Wks

Contracting.
Lynch, Richard
Snell & Dennis
Raymond, H.
Curbings, Granite.
McLennan, S. B.
Damp Proofers.
Brickley, P. J.
Reigle & Jamison
Door Openers.
Ritschmuller Geo
Electrical.
American Elec-
trical Engi-
neering Co.
California Elec-
trical Works.

Concrete.
Chase, Silas A.
Camp & Carillon
Duncanson, Har-
rison Co.
Foster & Vogt.
Goodman Artifi-
cial Stone Co.
Hann, C. B.
Leonard, A. P.
Lynch, A.
H. R. & Son
Owsley, B. W.
Penny, Isaac.
McLeran & Peter-
son
Robinson & Gil-
lespie
Simmen, John
Smith, J. W. & Son
Spence, A. T.
Stockholm & Al-
lyn
Terrill, G. C.
Vezina, L. N.
Warwick, H. C.
Buller, Thos.
White Bros. (con-
tractors).

**Concrete Rein-
forcement.**
Lilly & Thurston
Co.
**Contractors &
Builders.**
Allen, Jas. W. W.
Anderson, W. W.
Arthur, L.
Bateman, J. C.
Boring, F. H.
Born & Son, S. A.
Brady, C. A.
Braunton Bros.
Burdick, Vm. A.
Caldwell & Co.
Cameron & Dis-
son
Cavanaugh, Thos.
Lewis
Chisholm, R. A.
Cobby, J. W.
Cohen, J. W., Inc.
Concannon, W. N.
Conrad, H.
Crawford & Son.
Creggino & Son.
Dewar, R. & Son.
Elam, Thos. & Son
Elliott, E. W.
Fahy, R. H.
Fischer, Fred
Franz, Val.
Gillespie, G. G.
Gallagher, Frank
Gardiser, Robert
Greig, Florent
Hansbrough Bros
Healey - Tibbits
Con. Co.
Hanson, L. A.
Hill, J. A.
Holm & Son
Hawkins, A.
Ingerson, C. A.
Jacks, H.
Jones, Paul
Jones, W. G.
Kent, S. H.
Knowles & Rich-
ley.
Lelter, E. T. &
Sons.

Concrete.
Chase, Silas A.
Camp & Carillon
Duncanson, Har-
rison Co.
Foster & Vogt.
Goodman Artifi-
cial Stone Co.
Hann, C. B.
Leonard, A. P.
Lynch, A.
H. R. & Son
Owsley, B. W.
Penny, Isaac.
McLeran & Peter-
son
Robinson & Gil-
lespie
Simmen, John
Smith, J. W. & Son
Spence, A. T.
Stockholm & Al-
lyn
Terrill, G. C.
Vezina, L. N.
Warwick, H. C.
Buller, Thos.
White Bros. (con-
tractors).

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fer
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Co.
Crander Iron
Works
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ing Co.
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nality Co.
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chong Brick Co.
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ing Material Co.
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Howard Co.
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Johns-Menville Co.
Pacific Bldg. Ma-
terial Co.
Pacific Refining &
Roofing Co.
Pratt & Co.
Paraffine Paint Co.
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Material Co.
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Waterhouse &
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ment Co.
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Cement Co.
Western Building
Material Co.
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Cement Co.

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Cal Brick Co.

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Camp & Carillon
Duncanson, Har-
rison Co.
Foster & Vogt.
Goodman Artifi-
cial Stone Co.
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Leonard, A. P.
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Smith, J. W. & Son
Spence, A. T.
Stockholm & Al-
lyn
Terrill, G. C.
Vezina, L. N.
Warwick, H. C.
Buller, Thos.
White Bros. (con-
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forcement.

Lilly & Thurston
Co.

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Boring, F. H.
Born & Son, S. A.
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Burdick, Vm. A.
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Cameron & Dis-
son
Cavanaugh, Thos.
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Concannon, W. N.
Conrad, H.
Crawford & Son.
Creggino & Son.
Dewar, R. & Son.
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Fischer, Fred
Franz, Val.
Gillespie, G. G.
Gallagher, Frank
Gardiser, Robert
Greig, Florent
Hansbrough Bros
Healey - Tibbits
Con. Co.
Hanson, L. A.
Hill, J. A.
Holm & Son
Hawkins, A.
Ingerson, C. A.
Jacks, H.
Jones, Paul
Jones, W. G.
Kent, S. H.
Knowles & Rich-
ley.
Lelter, E. T. &
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Masow & Morrison
Mathews Con. Co.
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McBain, J.
McKillican, R. and
Wm.
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Miller, Adam.
Moller, H. W.
Owsley, B. W.
Penny, Isaac.
McLeran & Peter-
son
Robinson & Gil-
lespie
Simmen, John
Smith, J. W. & Son
Spence, A. T.
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Warwick, H. C.
Buller, Thos.
White Bros. (con-
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Comyns & Child-
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Cronan, Wm.
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Works
Guilfoyle Corset
Works
Appmann Corset
Works
Heldt, Wesley
Morrison & Clark
S. F. Corset Co.
Western Furnace
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Snell & Dennis
Raymond, H.
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McLennan, S. B.
Damp Proofers.
Brickley, P. J.
Reigle & Jamison
Door Openers.
Ritschmuller Geo
Electrical.
American Elec-
trical Engi-
neering Co.
California Elec-
trical Works.

Damp Proofers.

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Door Openers.

Ritschmuller Geo

Electrical.

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neering Co.
California Elec-
trical Works.

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Cal. Plate & Win-
dow Gass Co.
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Cobbledick-Kibby
Glass Co.
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Fuller, W. P. &
Co.
Habeneicht &
Hawlett
Holland, J. P.
Schwarz & Gutt-
leith (Inc.)
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ing.**
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Fay, S. J.
McClure, H. N.
Wilhelm, A. H.
Wilkie Co., A.
Williams, F. A.
Wright Bros.
Monarch Teaming
Co.
Shiley, L. B.
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Works
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trical Engi-
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trical Works.

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Columbia Marble Co.
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Donovan, V. J.
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Spark, J. H.
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Dwan Co. J. E.

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Kruze, J. H.

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Pacinc Mfg. Co.

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Santa Clara Mill & Lumber Co.

San Mateo Planing Mill
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Bradley & Reilly
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Coghlan, Frank
Connolly, J. J.

Connell, J. E.
Fay, John

Felt, R. L.
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Stewart, J. K.

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Hunt, Andrew T.
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Stone Quarries

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Raymond Granite Co.

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Eureka Teaming Co.

Holland, J. P.
McClure, H. N.

Monarch Teaming Co.
McLennan, S. I.

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Artolth Mfg. Co.

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